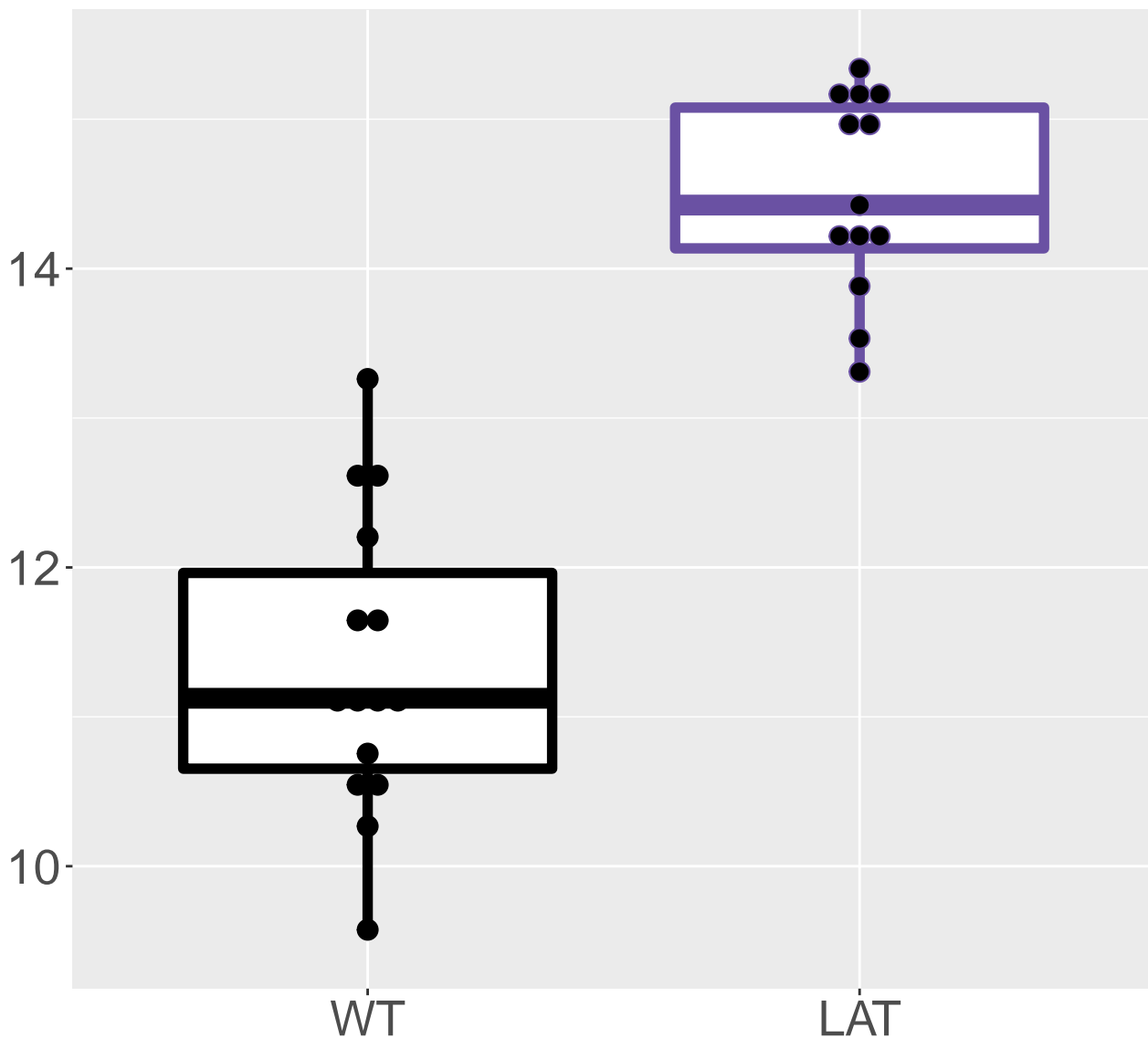


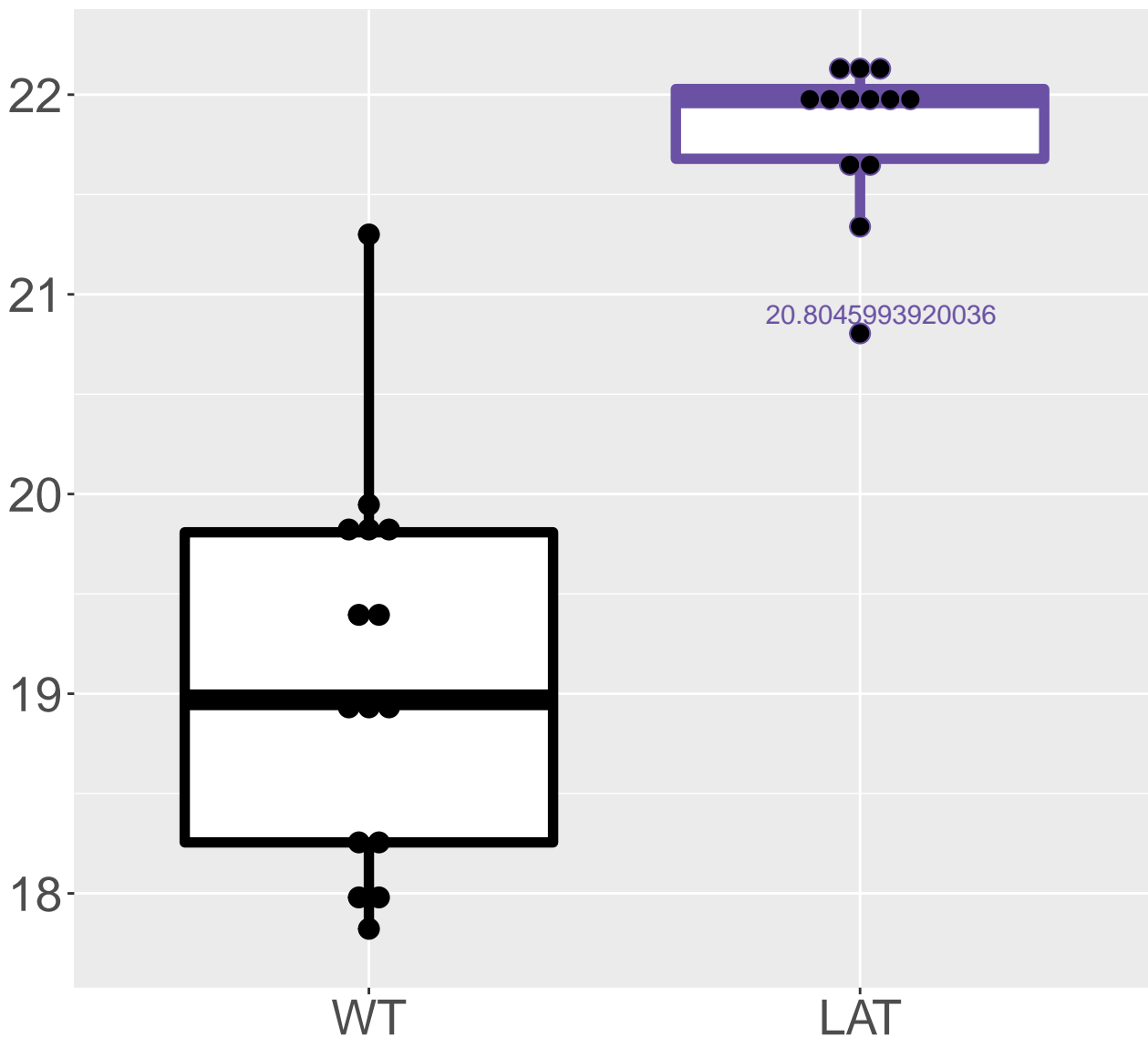
M201.5621T622.38

FDR = 2e-08, FC = 3.2, sex*



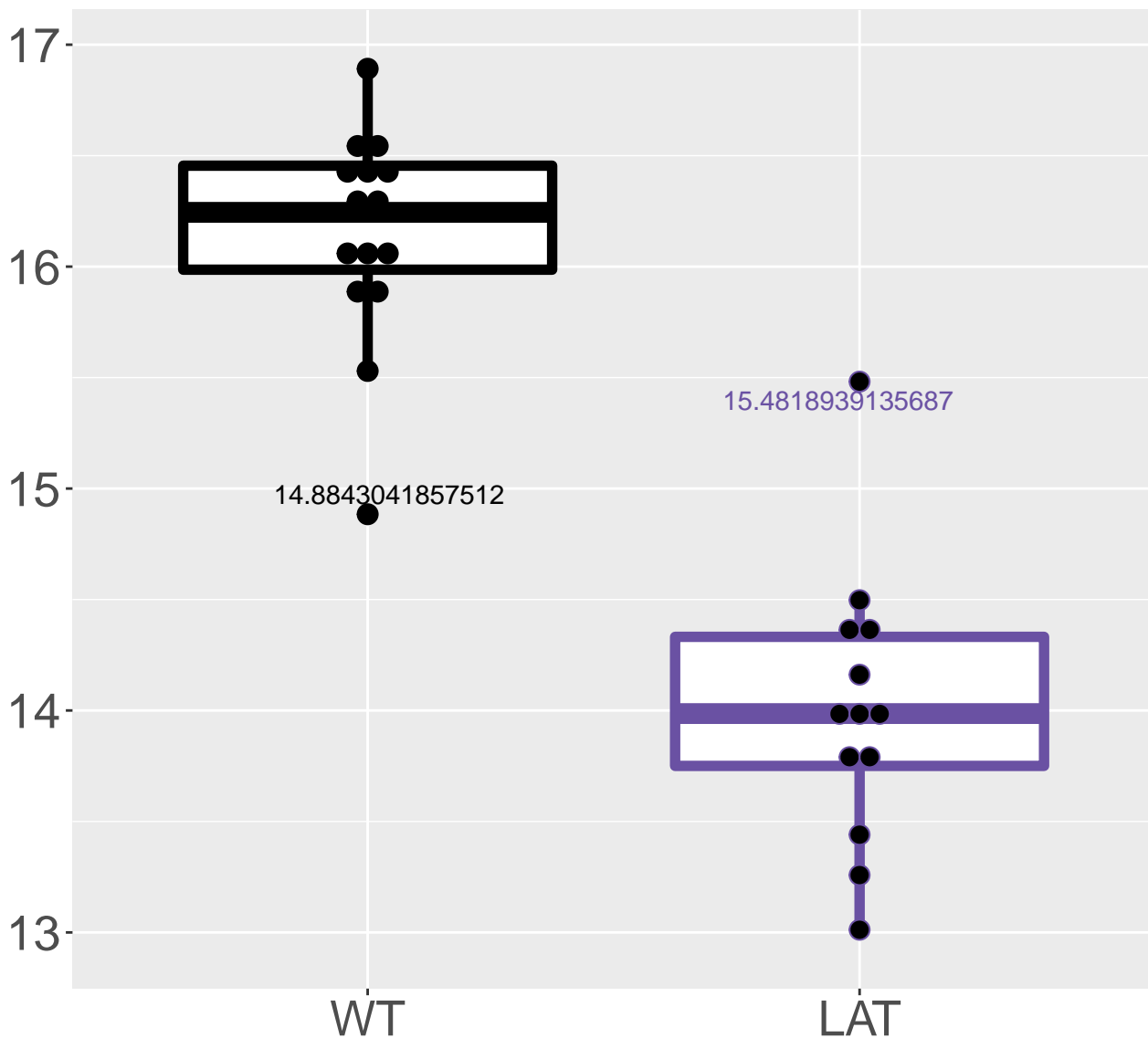
M248.0792T138.66

FDR = 1.2e-07, FC = 2.7



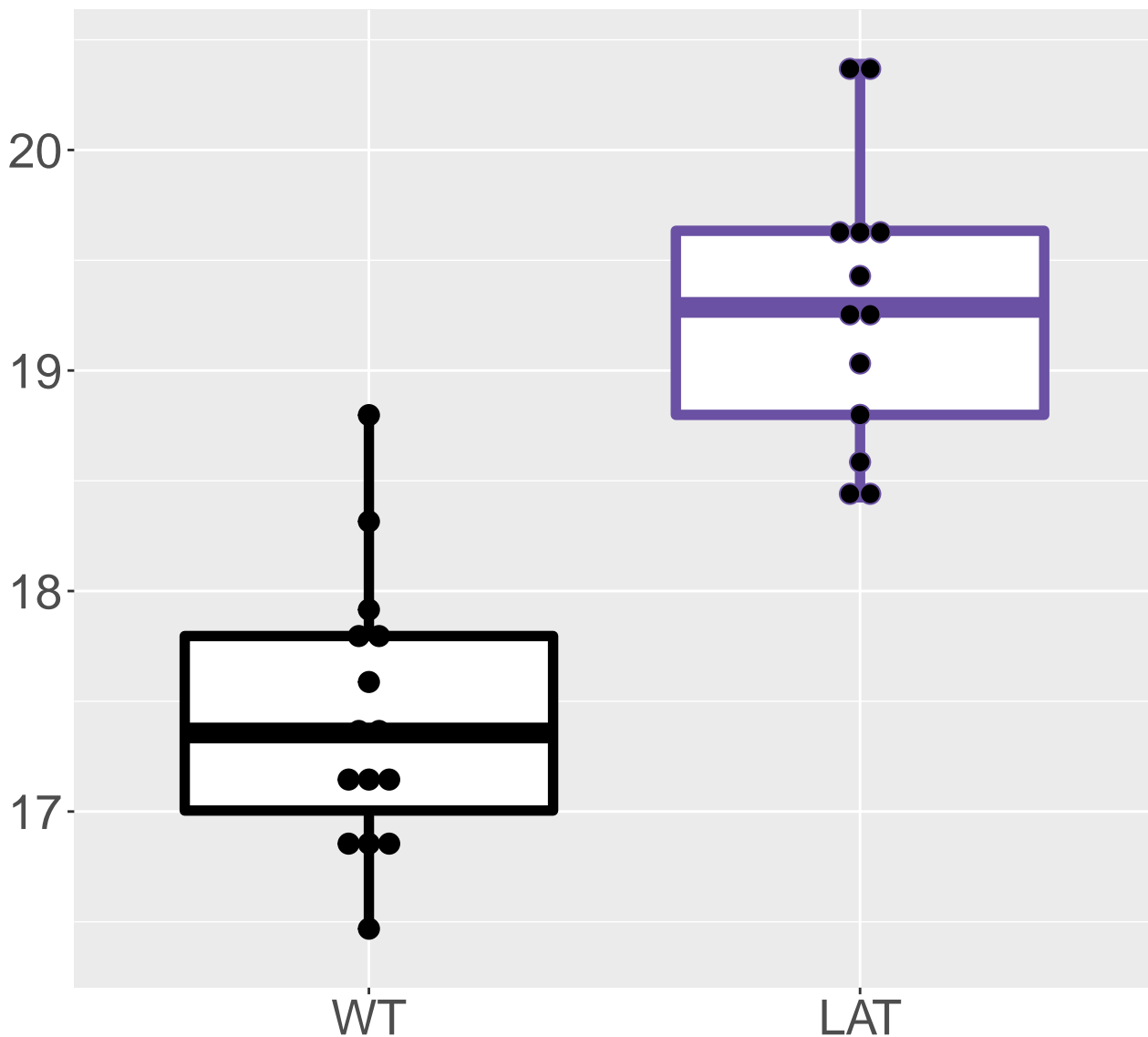
M337.1259T301.28

FDR = 1.2e-07, FC = -2.1



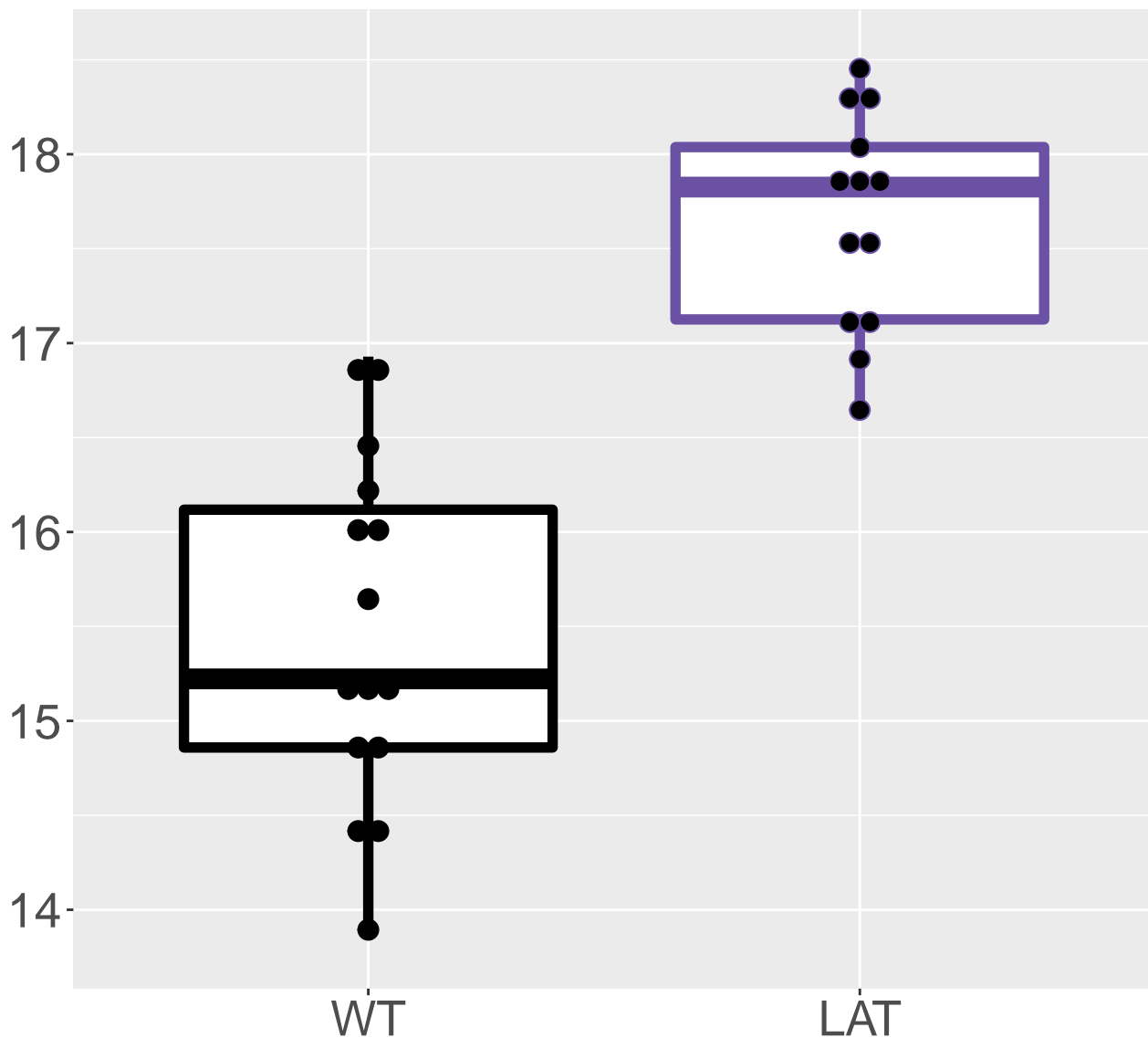
M326.9893T552.22

FDR = 1.2e-07, FC = 1.9, sex**



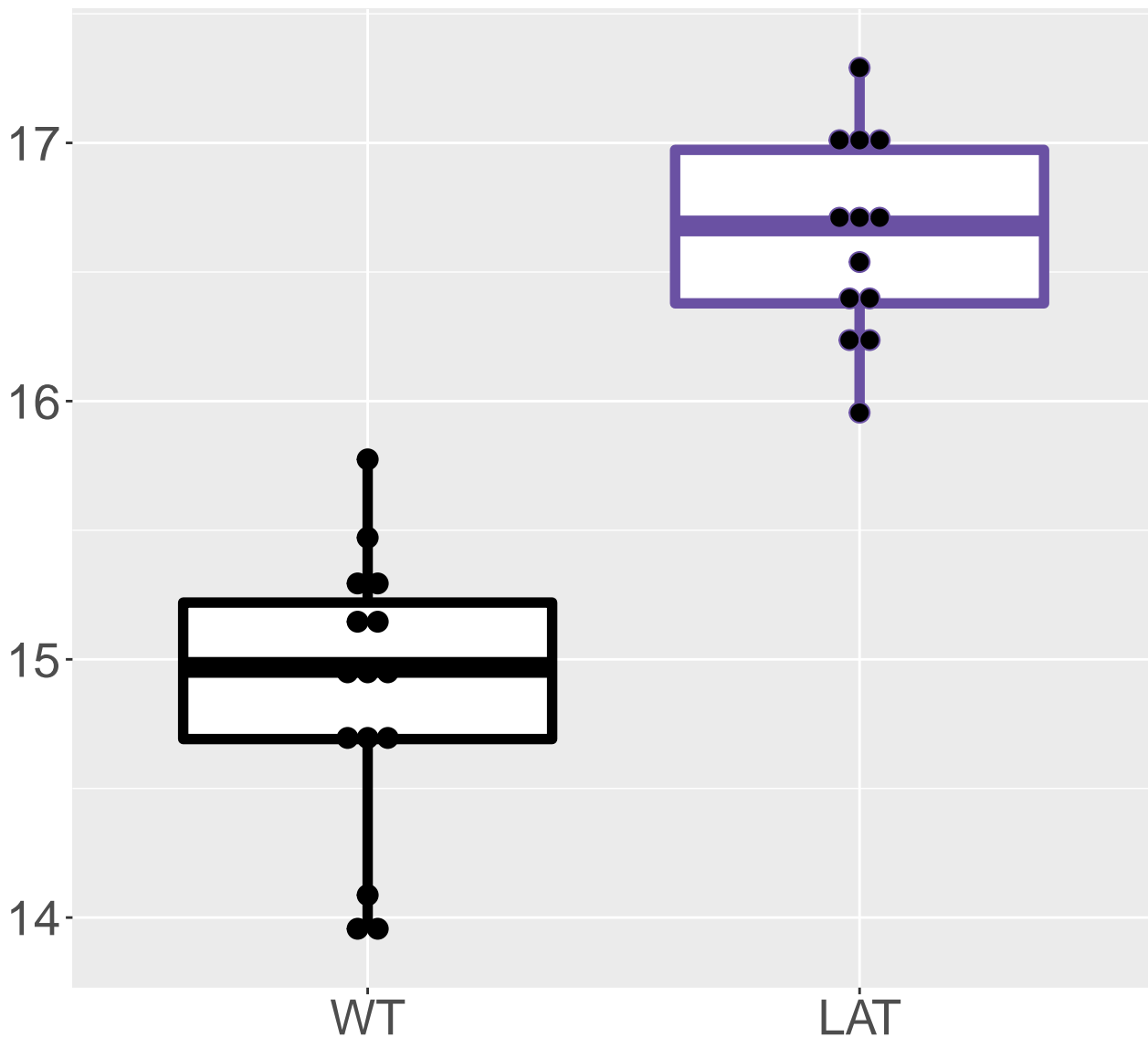
M319.5201T605.46

FDR = 2.4e-07, FC = 2.2, sex**

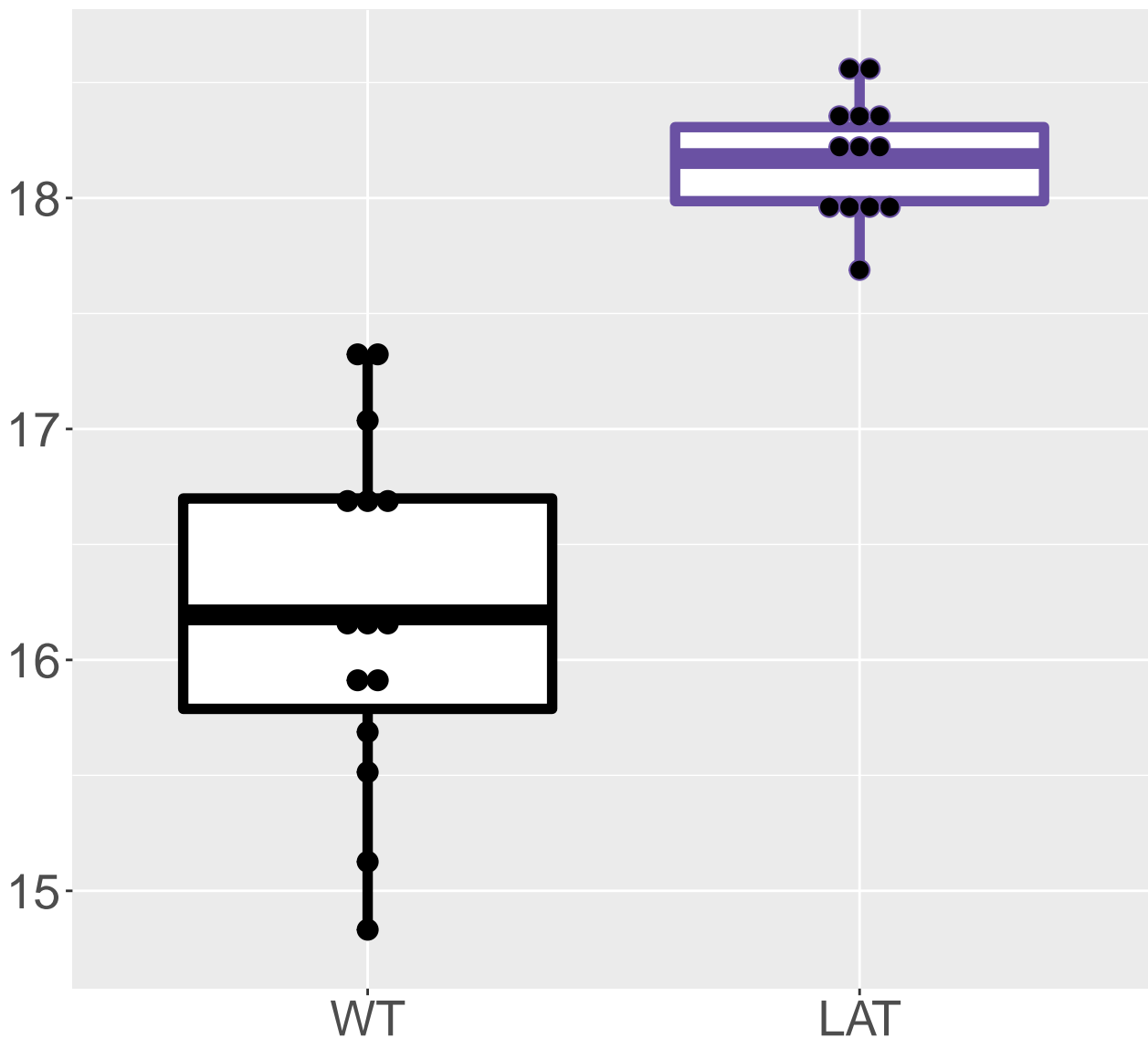


M698.0528T620.79

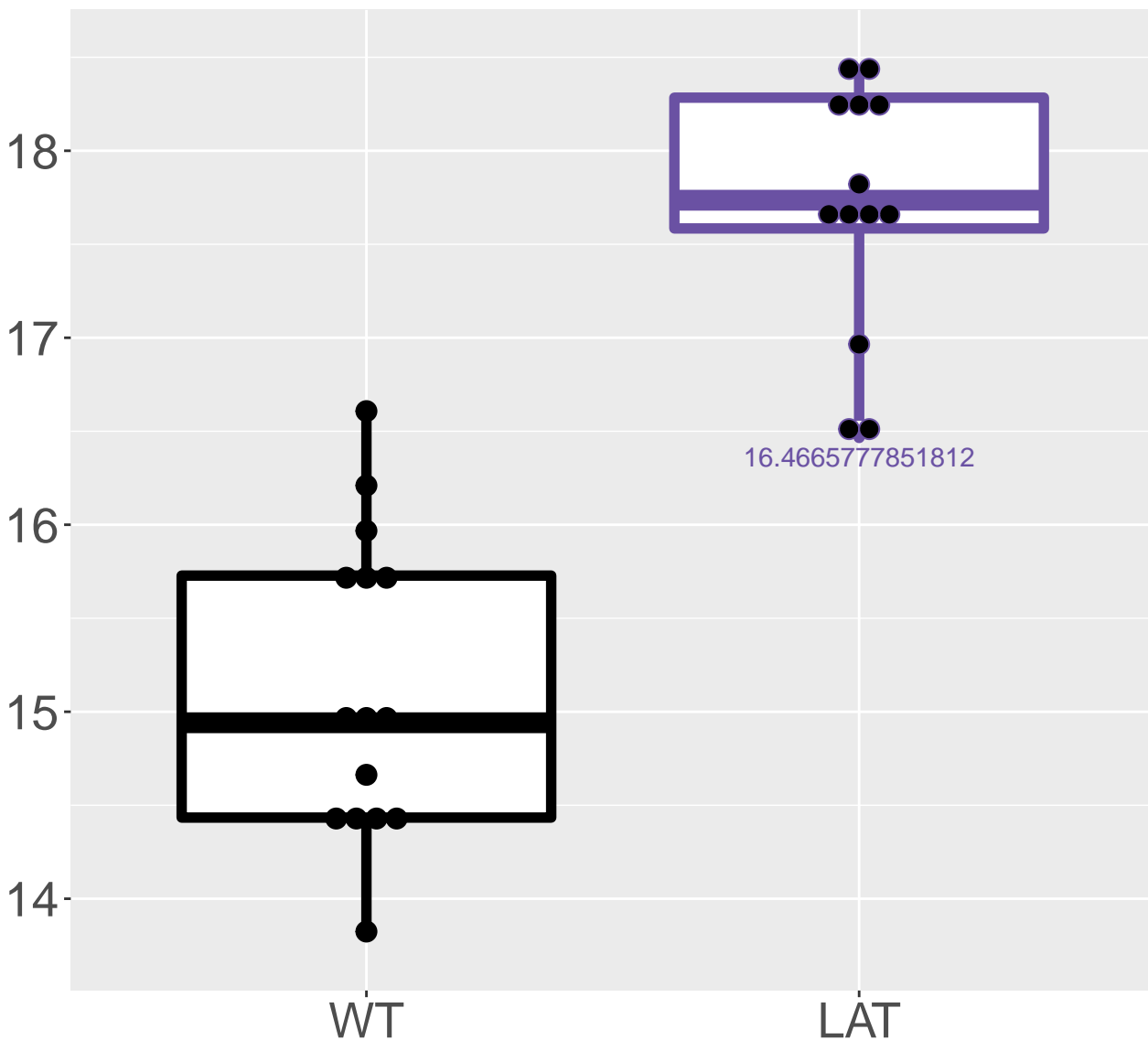
FDR = $2.4e-07$, FC = 1.8



M228.0282T541.11
FDR = $3.3\text{e-}07$, FC = 2

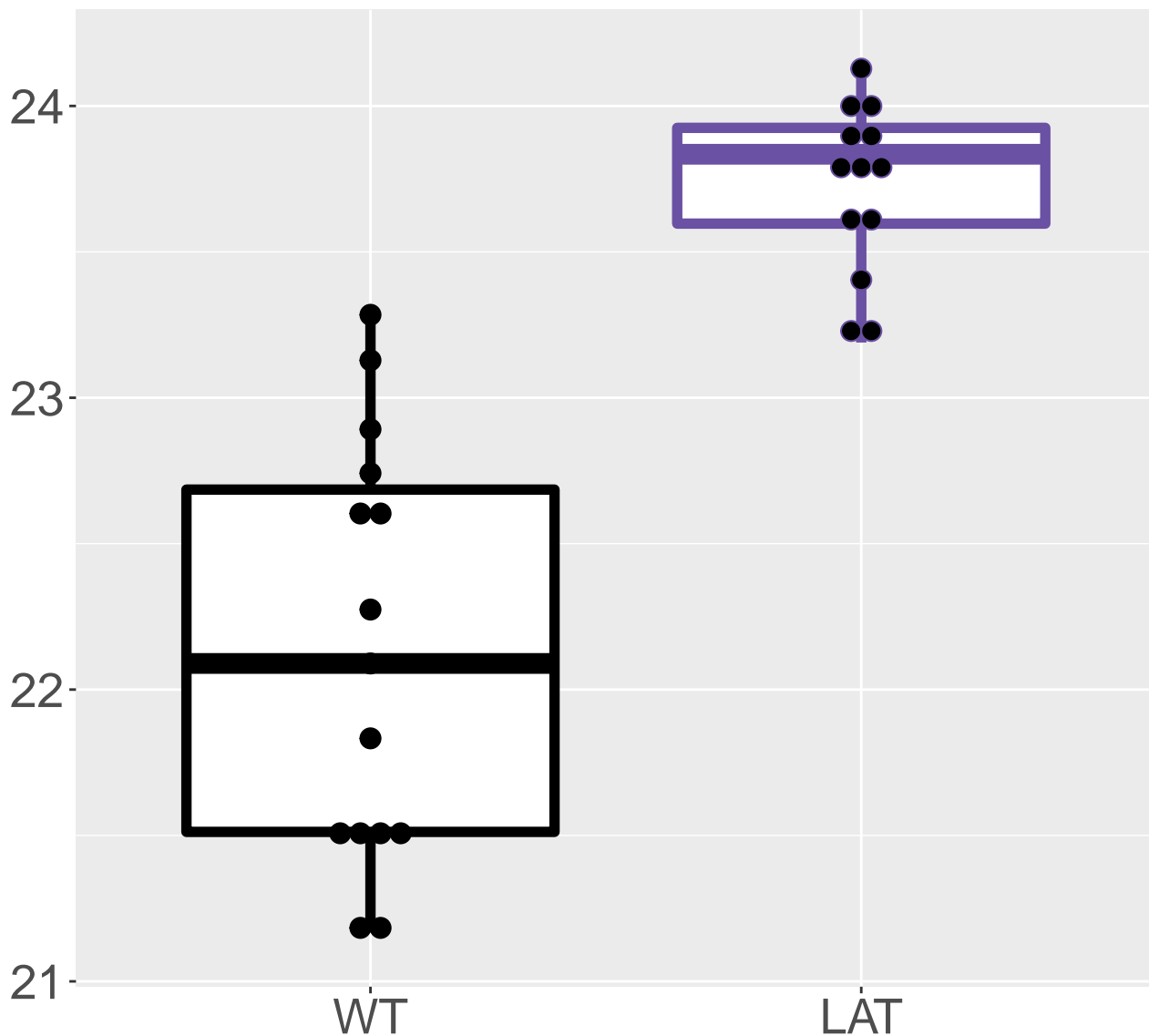


FDR = 5.2e-07, FC = 2.6



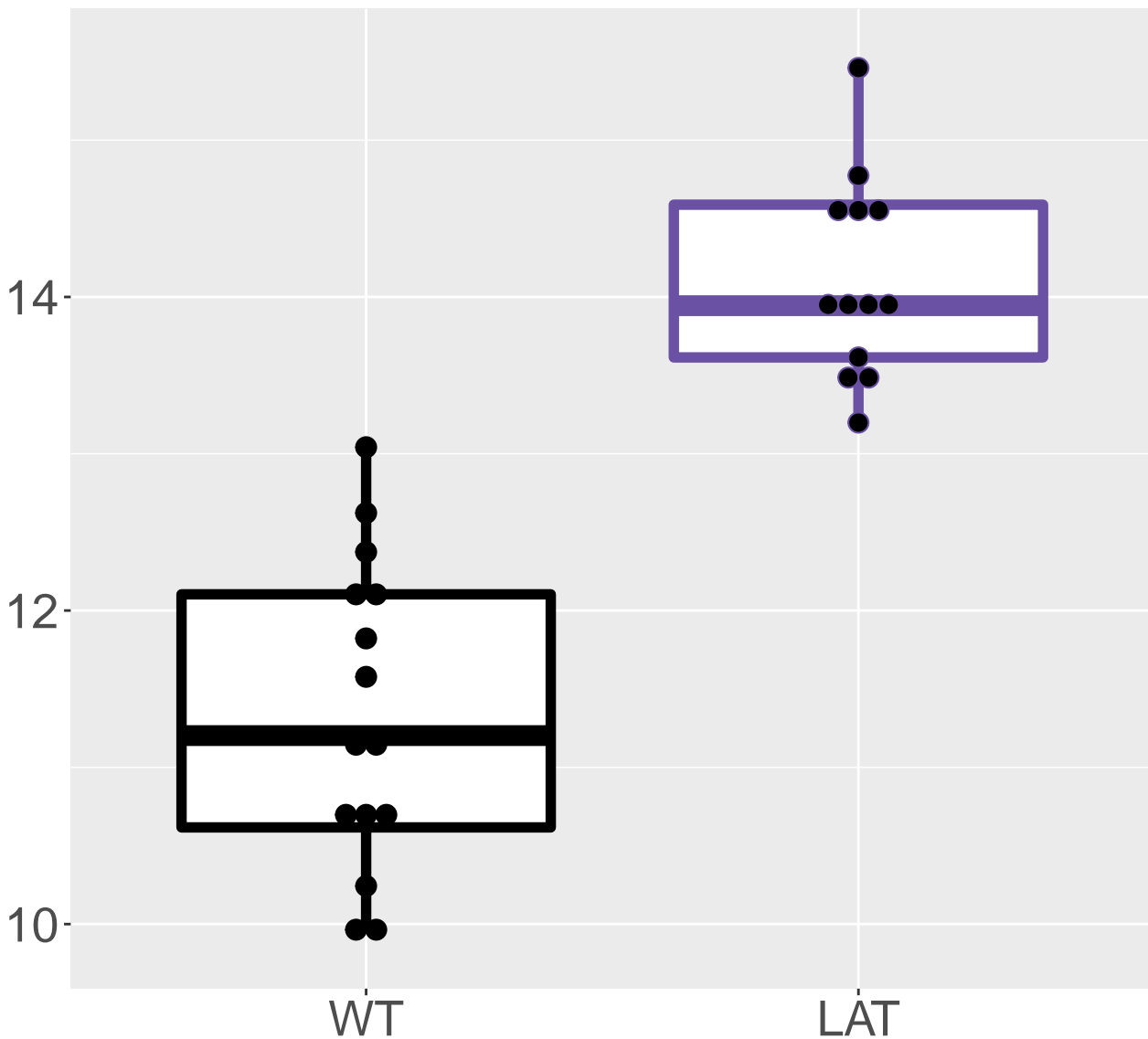
M535.1549T306.55

FDR = $5.2e-07$, FC = 1.6, sex*



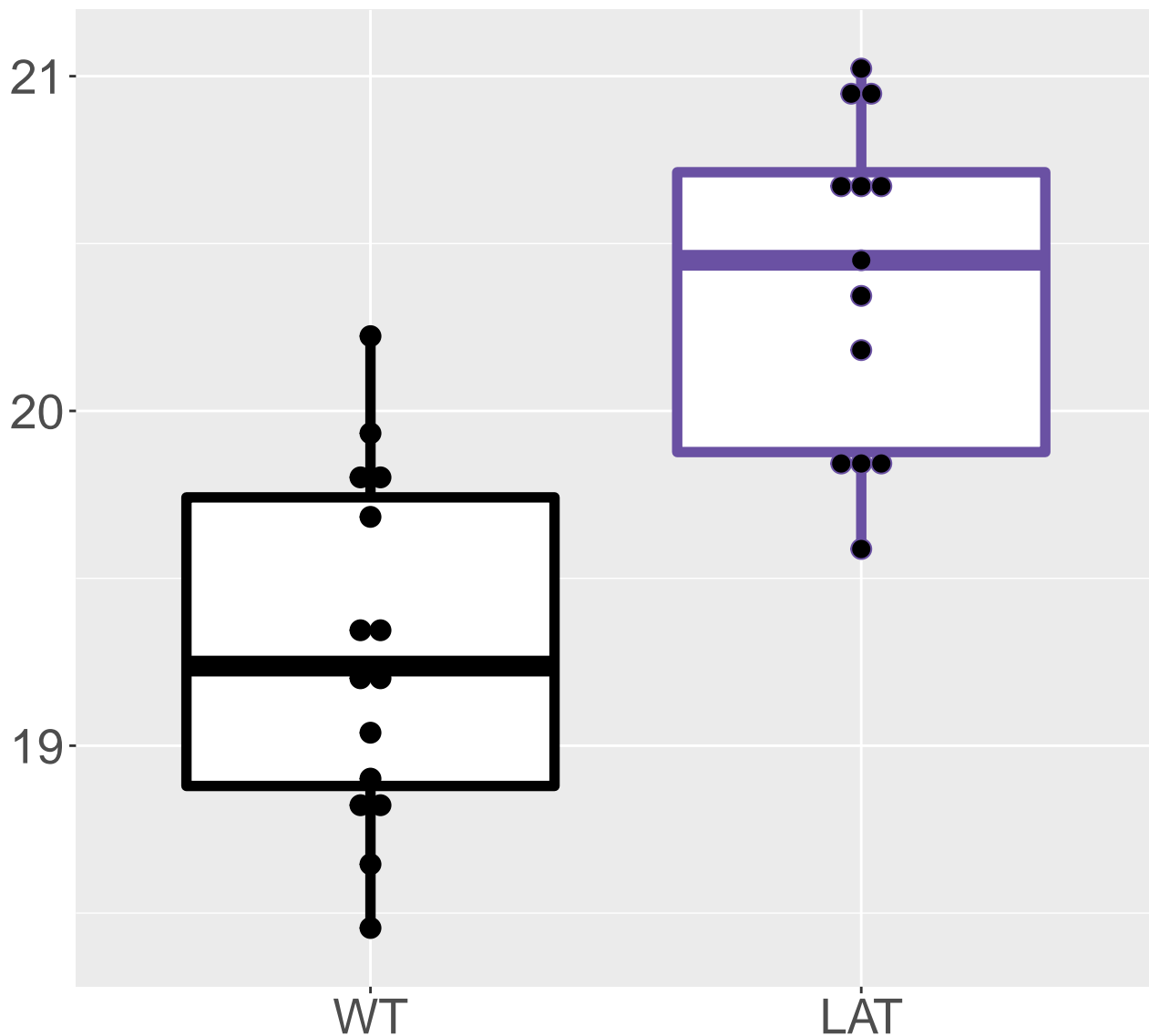
M533.1743T655.98

FDR = 6.4e-07, FC = 2.8



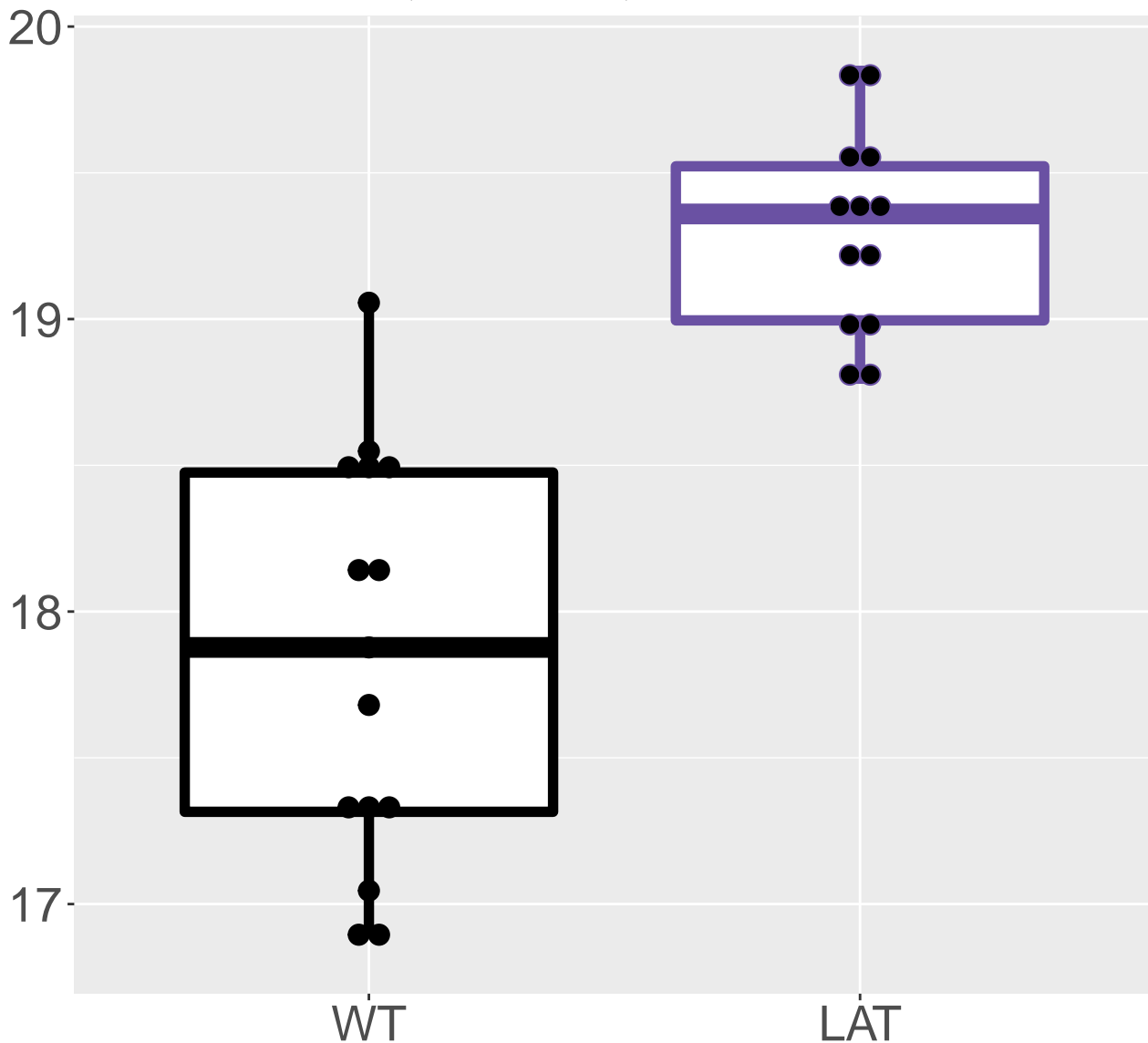
Guanosine

FDR = 1.9e-06, FC = 1.1, sex***



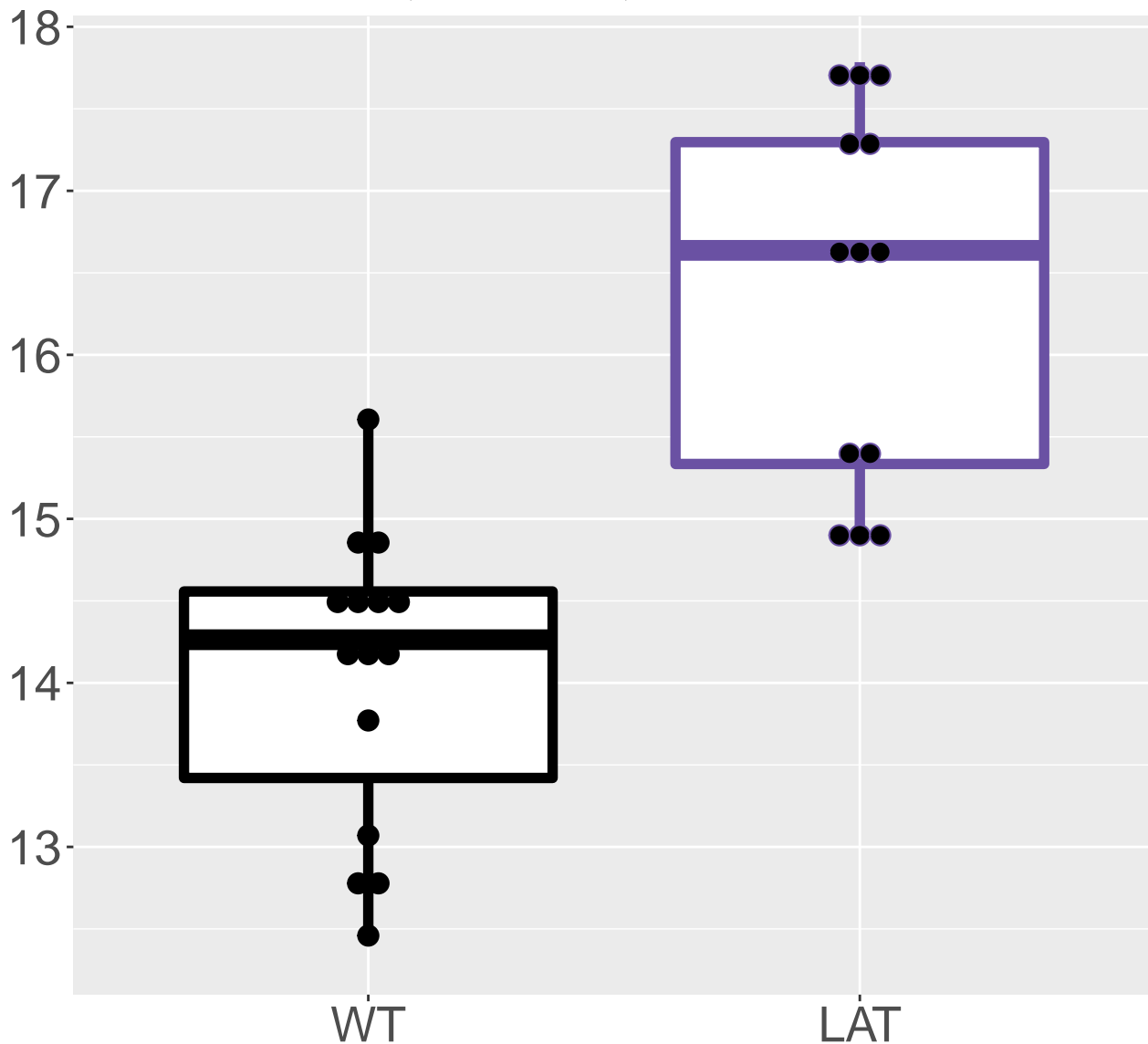
M920.3136T302.41

FDR = 2.7e-06, FC = 1.5, sex*



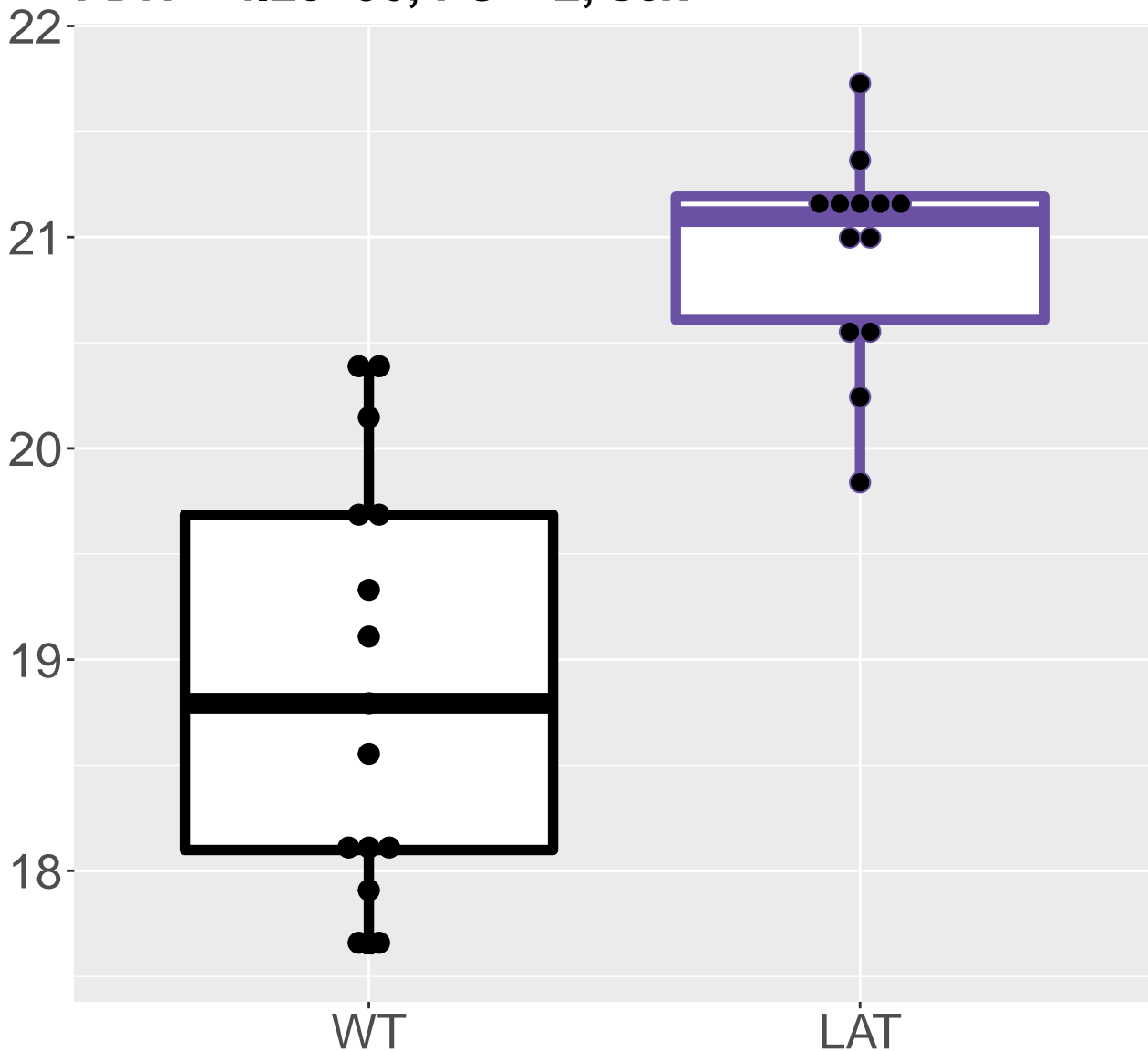
M765.1981T578.2

FDR = 2.9e-06, FC = 2.3, sex**



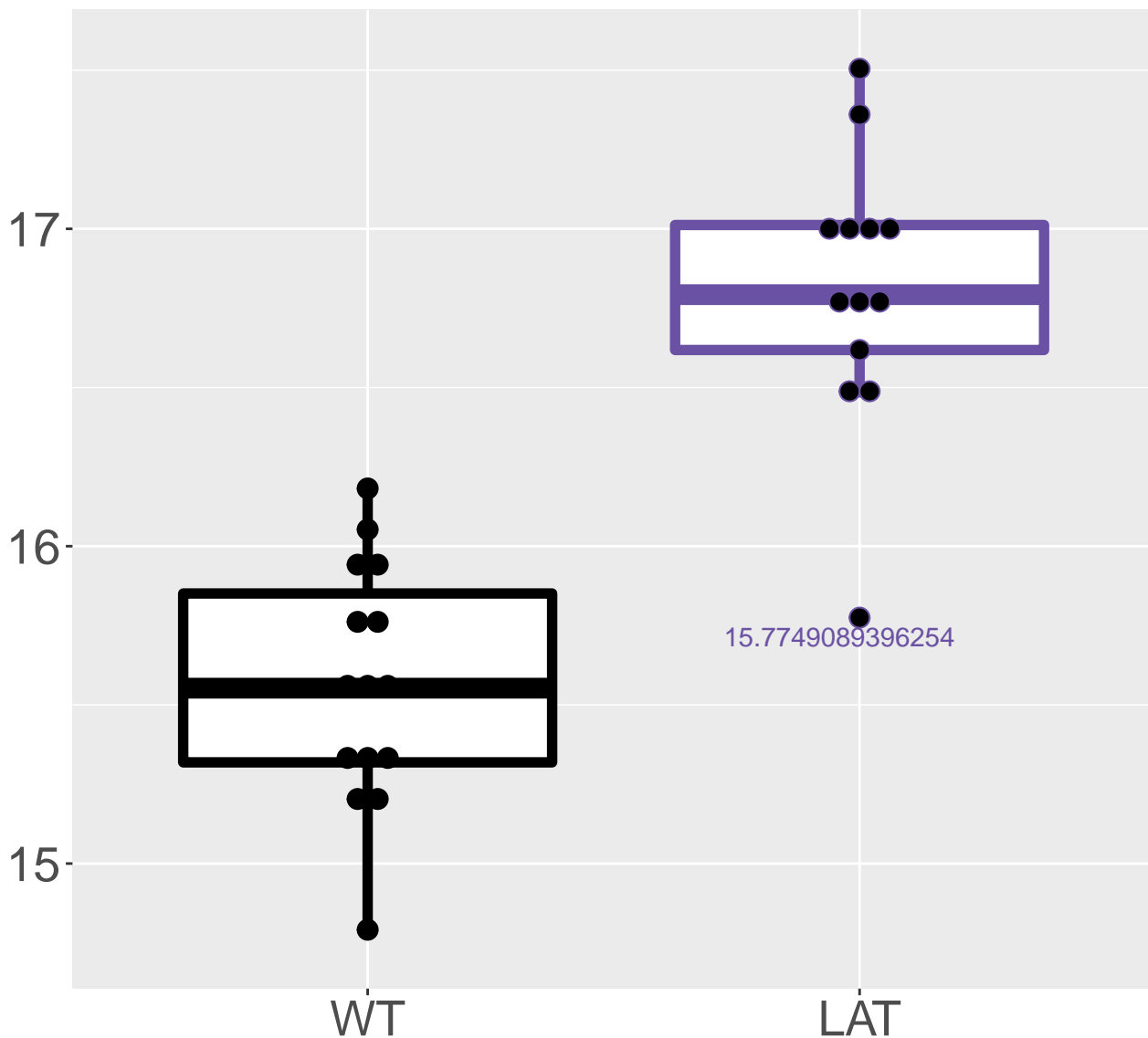
M803.2355T307.8

FDR = $4.2e-06$, FC = 2, sex*



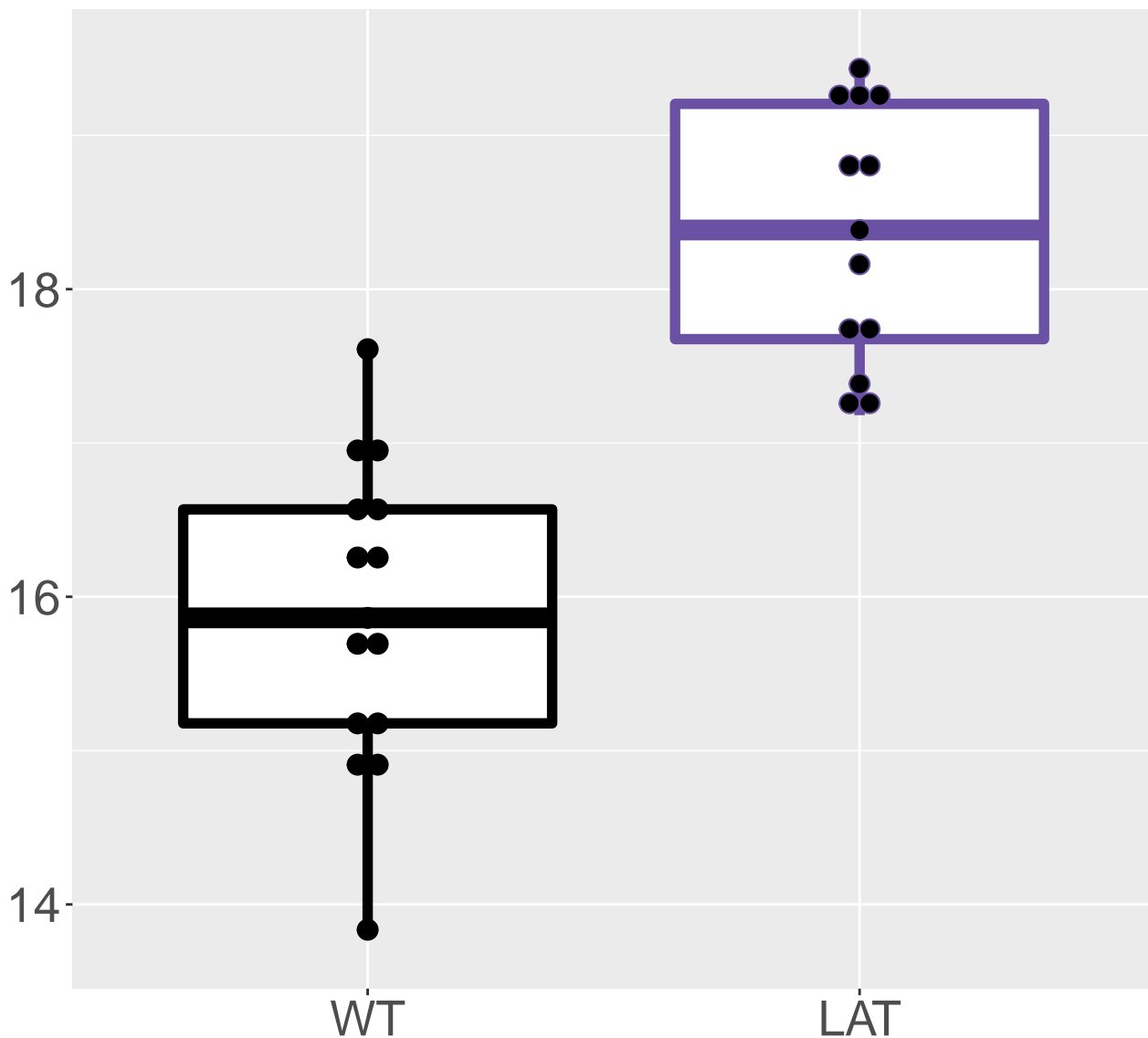
M348.5228T620.4

FDR = 4.2e-06, FC = 1.2



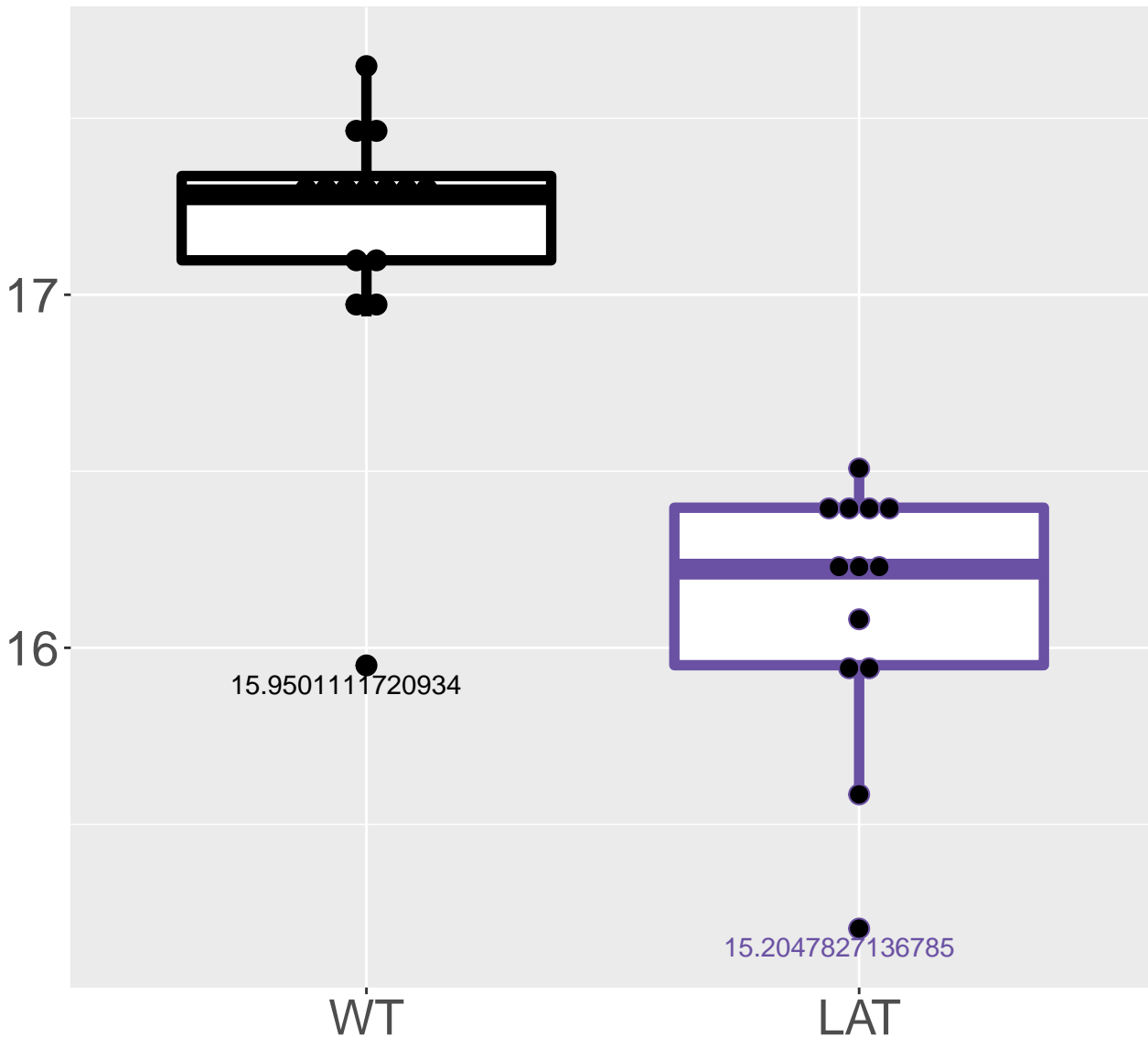
M618.0859T539.49

FDR = $4.5e-06$, FC = 2.5



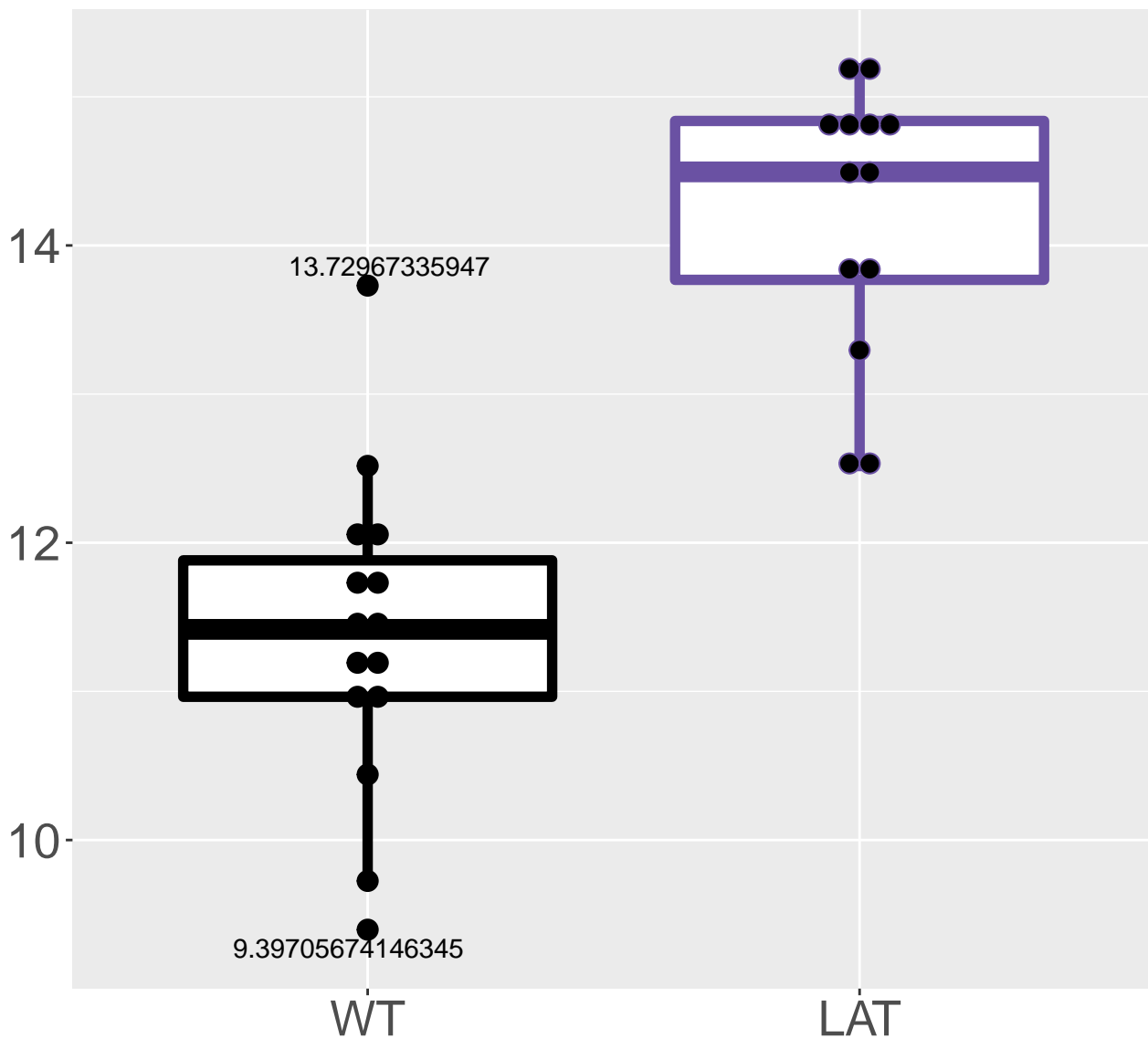
M462.1471T499.14

FDR = $4.5e-06$, FC = -1.1

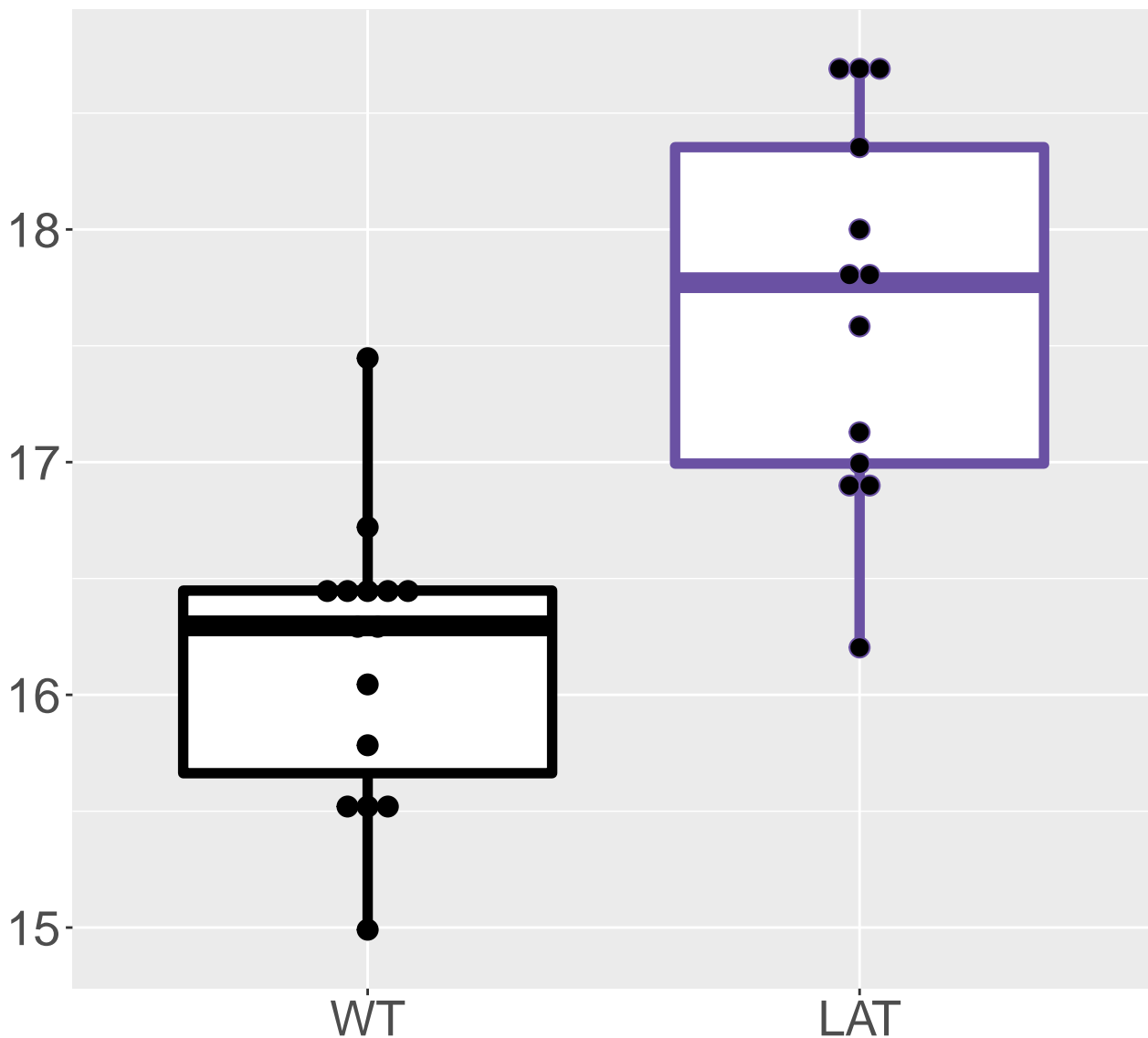


Uridine 5'-diphosphate-glucuronic acid;UDP-Î

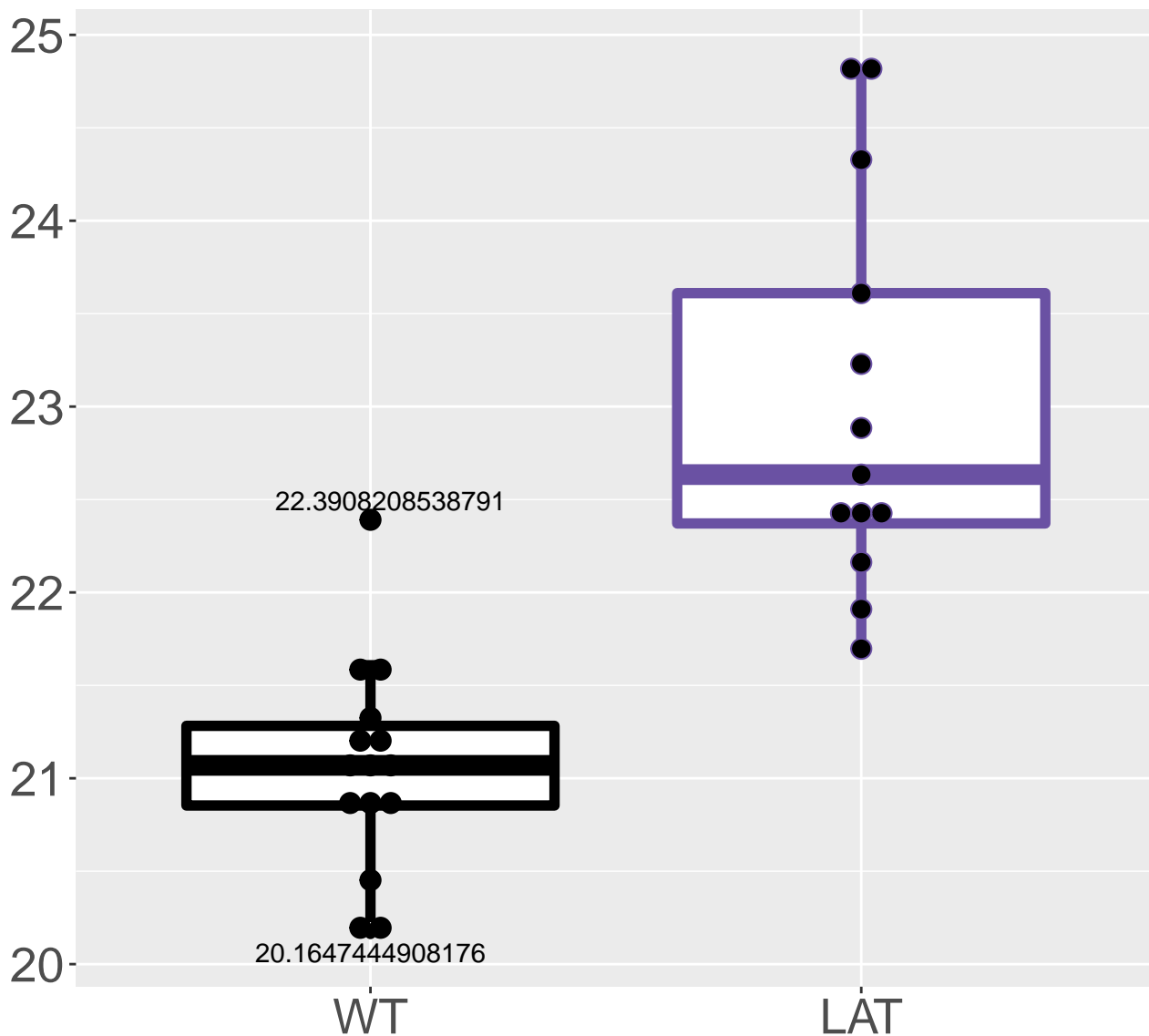
FDR = 4.6e-06, FC = 2.8



FDR = 5.3e-06, FC = 1.5, sex***

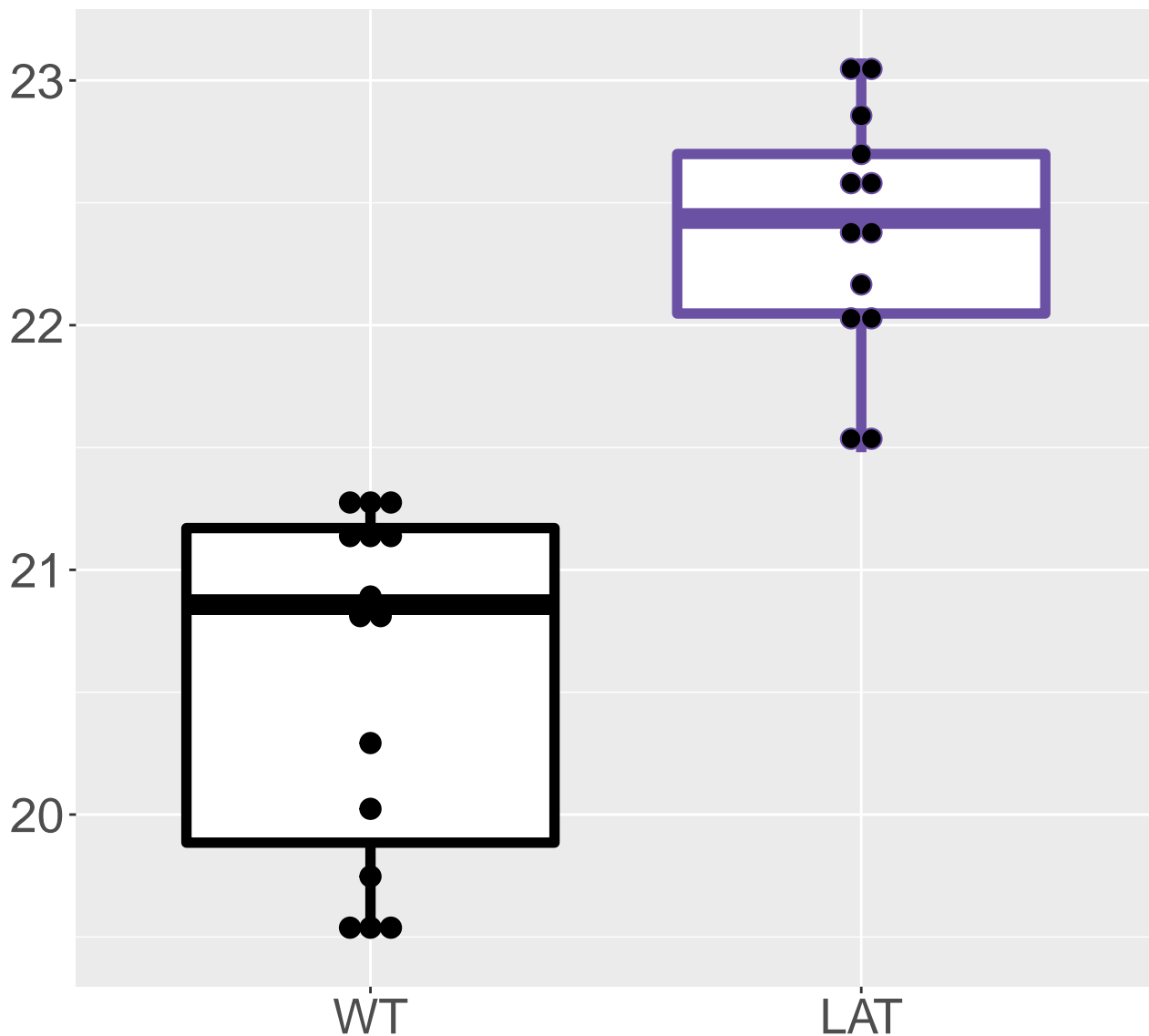


5'-AMP;5'-Adenosine monophosphate;Adenosine
FDR = 5.7e-06, FC = 2, sex**



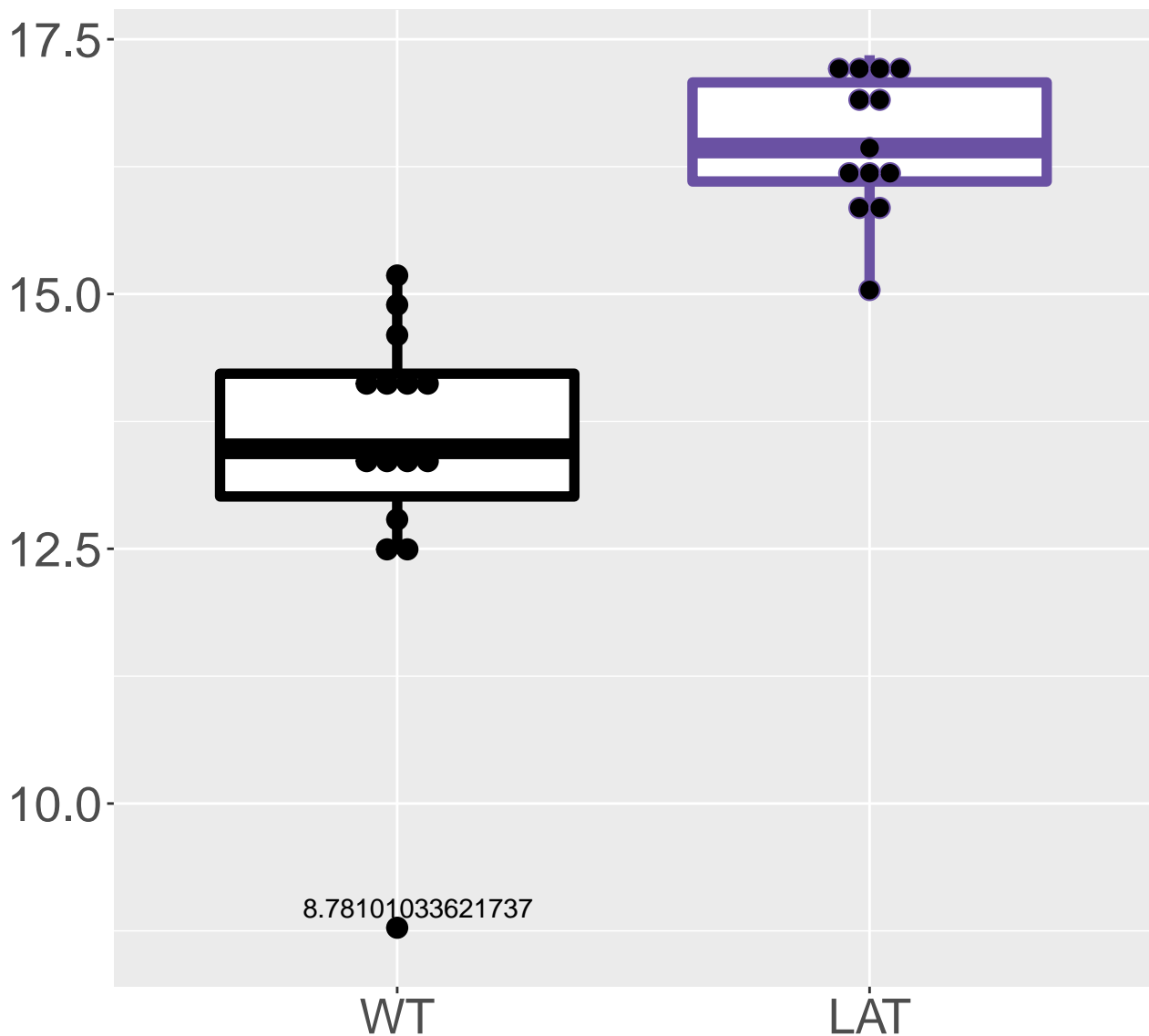
M110.9854T515.29

FDR = 5.7e-06, FC = 1.8



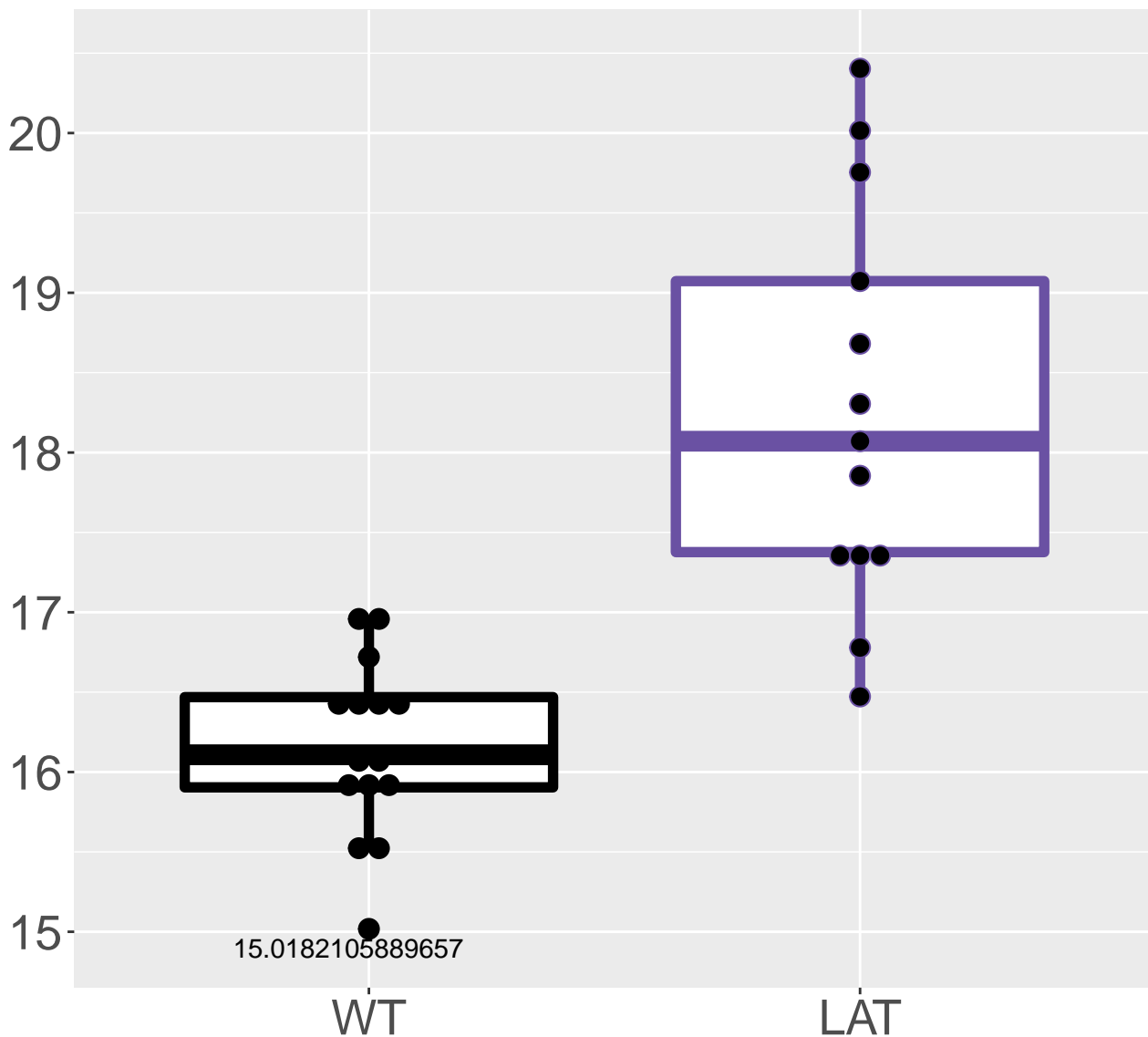
M404.1321T622.69

FDR = $9.2e-06$, FC = 3.1



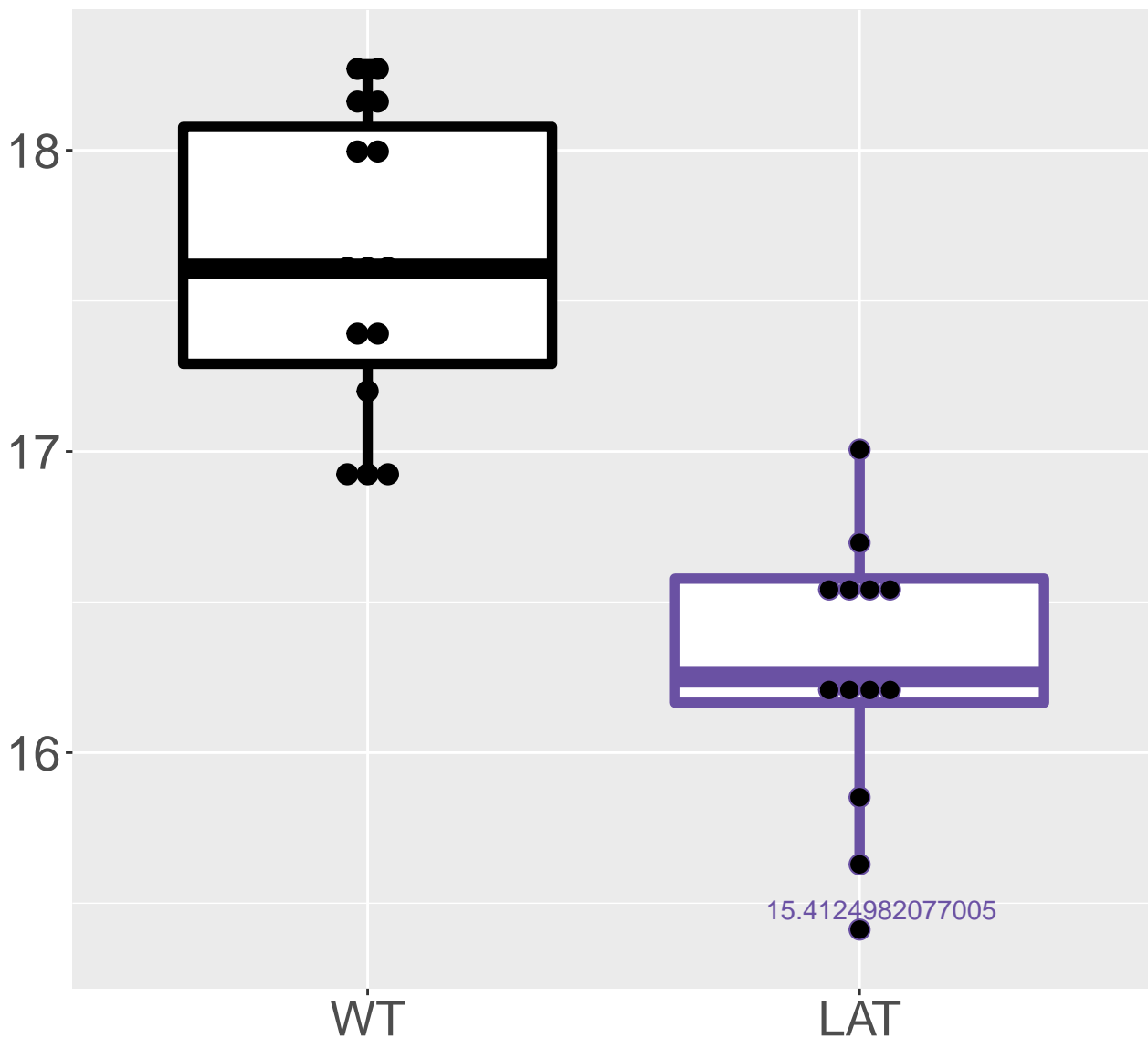
M527.1232T487.21

FDR = 9.2e-06, FC = 2.1, sex**



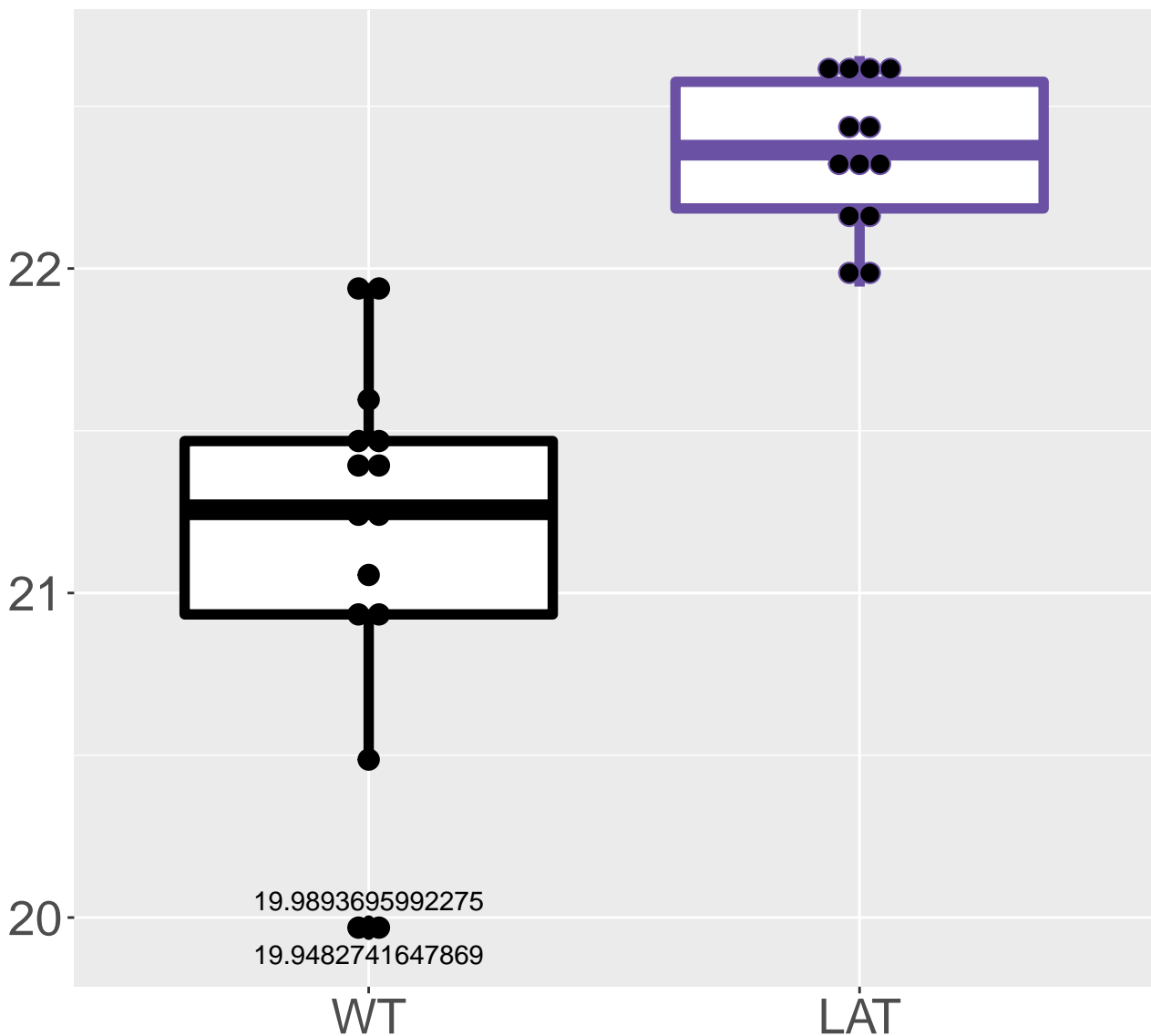
M560.1837T560.23

FDR = $9.2e-06$, FC = -1.3



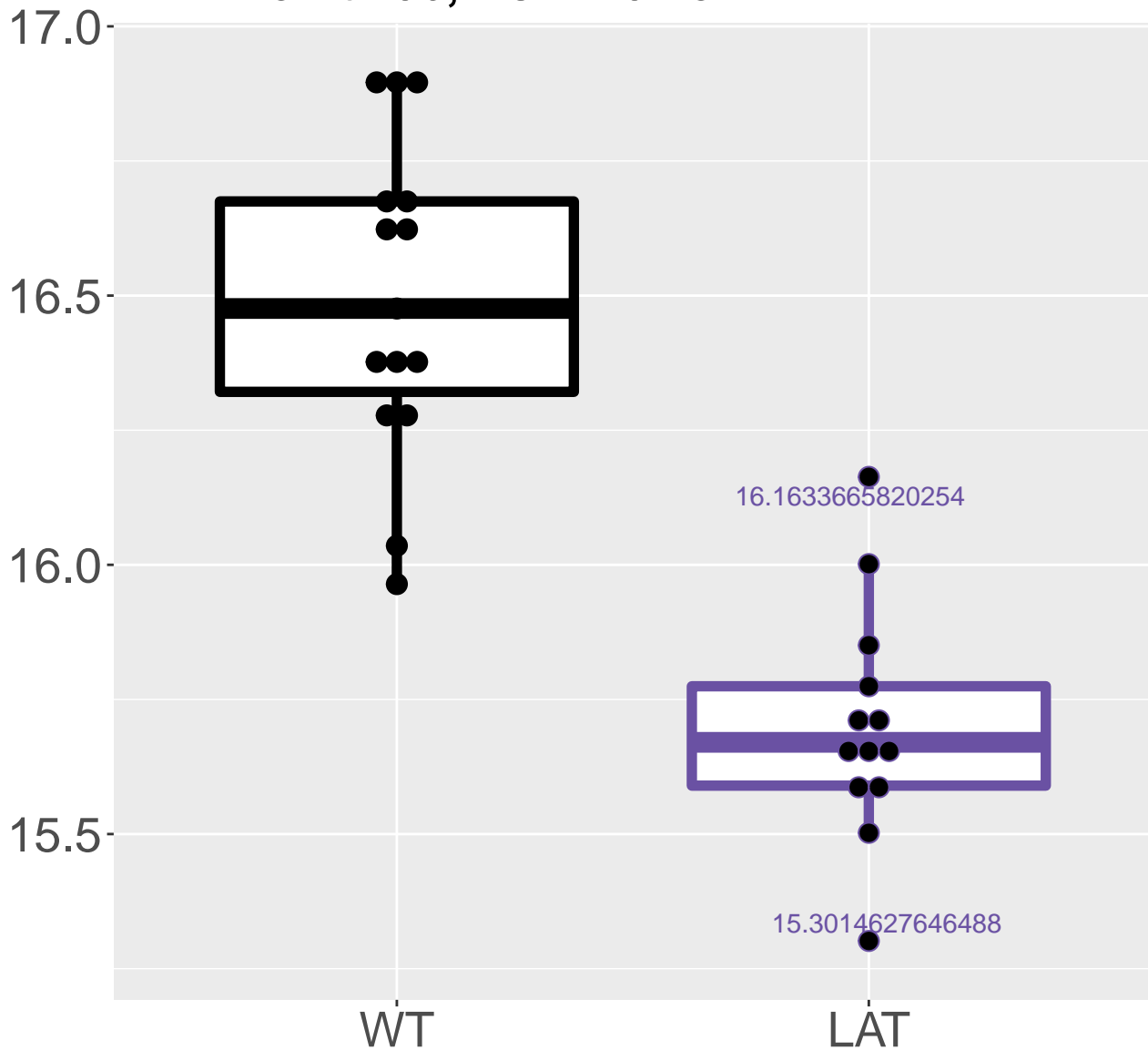
Uridine 5'-diphospho-N-acetylglucosamine;Ur

FDR = $9.2\text{e-}06$, FC = 1.2



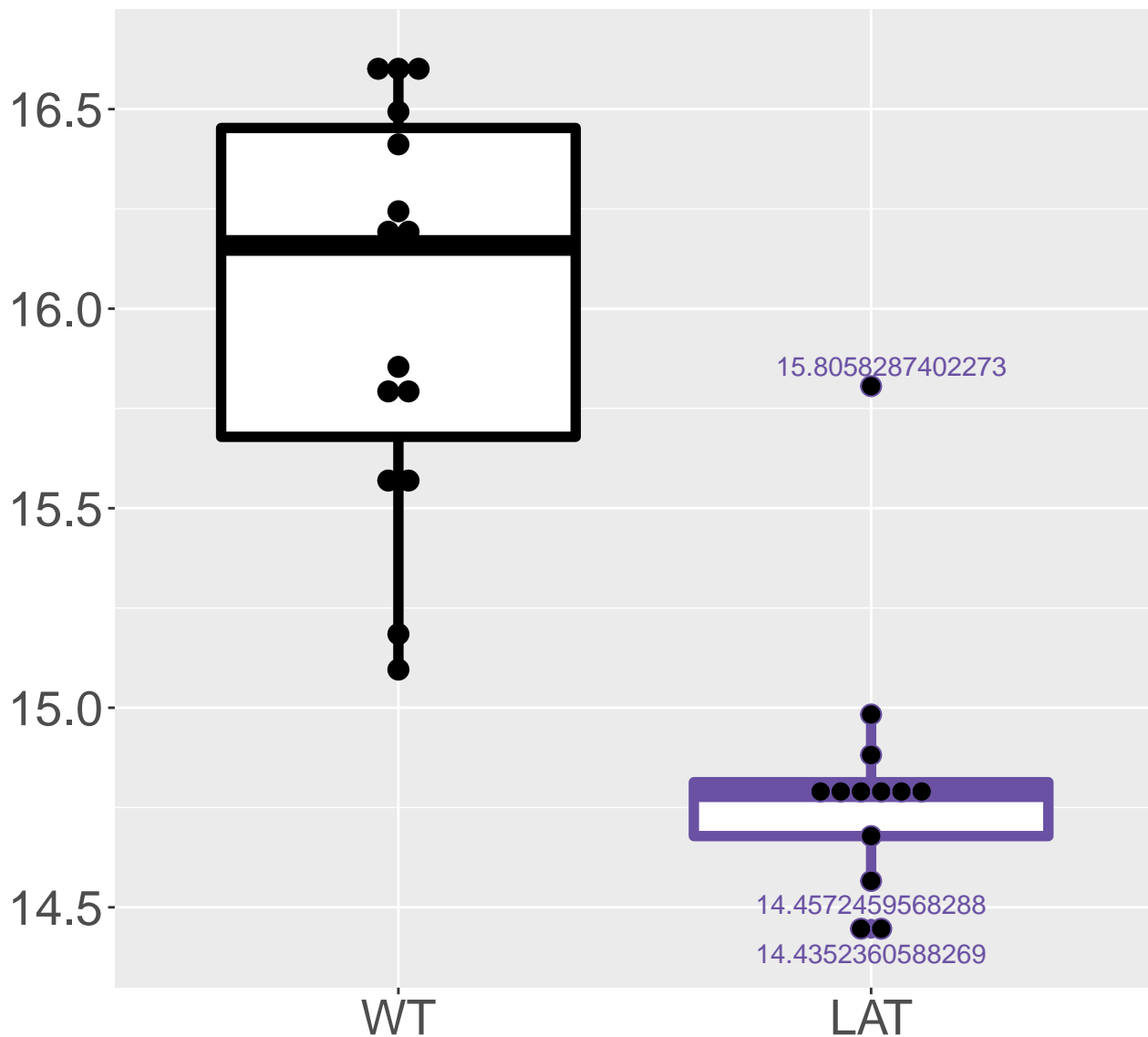
M876.2553T627.01

FDR = $9.2e-06$, FC = -0.79



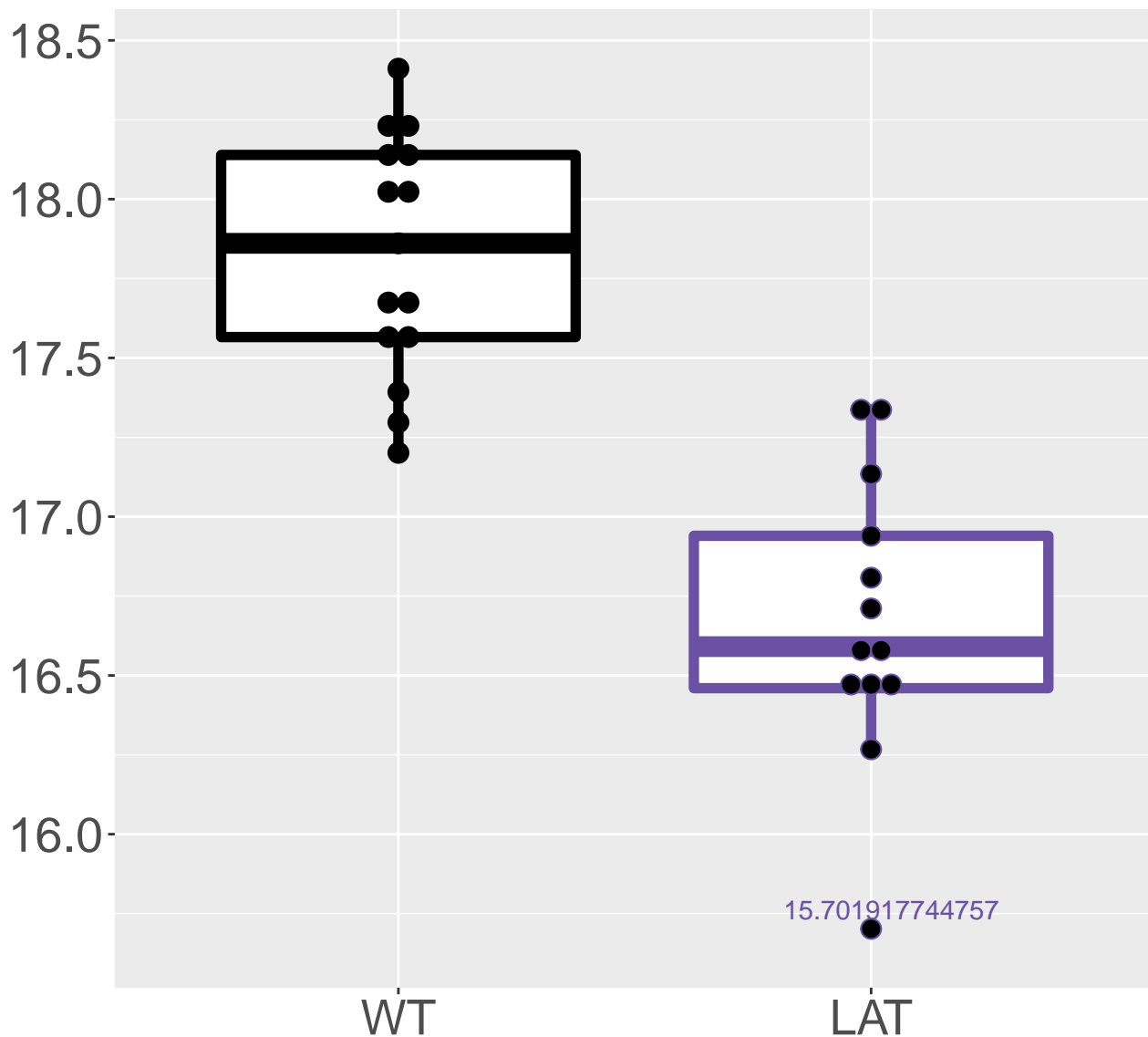
M414.6351T625.82

FDR = 1.3e-05, FC = -1.2



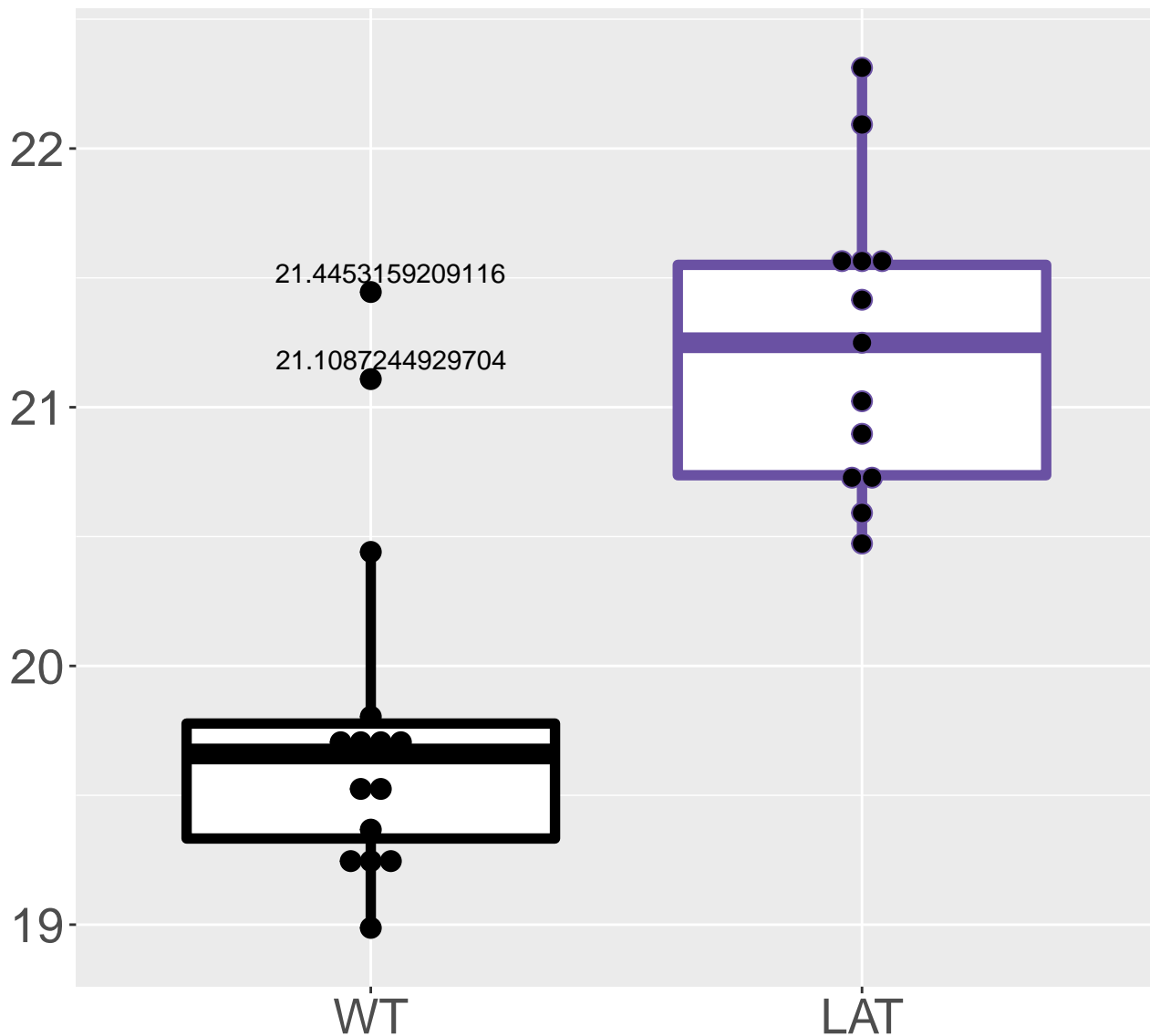
M220.1075T205.85

FDR = $1.4e-05$, FC = -1.2



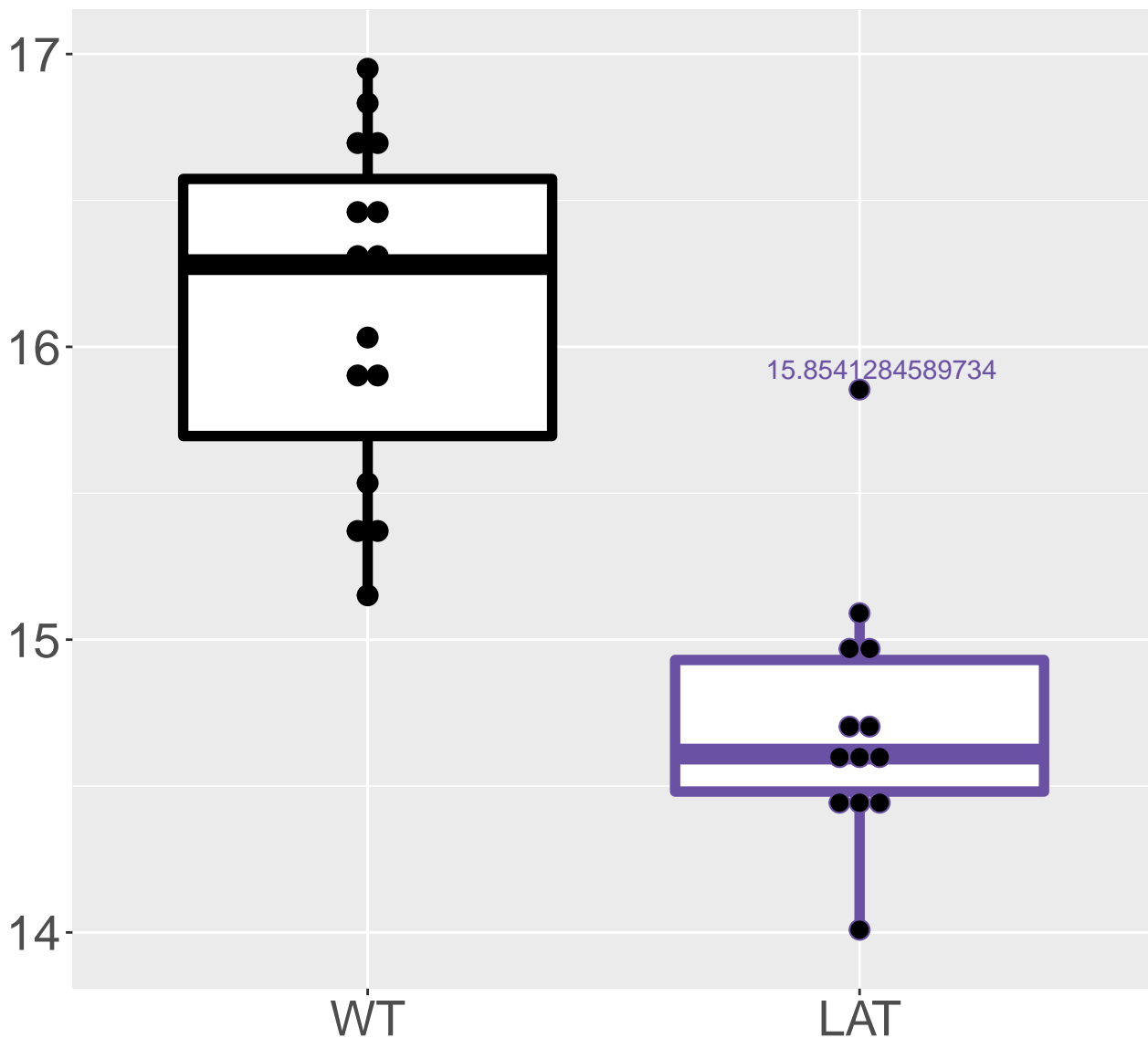
D-Sedoheptulose 7-phosphate;Sedoheptulose

FDR = $1.5e-05$, FC = 1.5



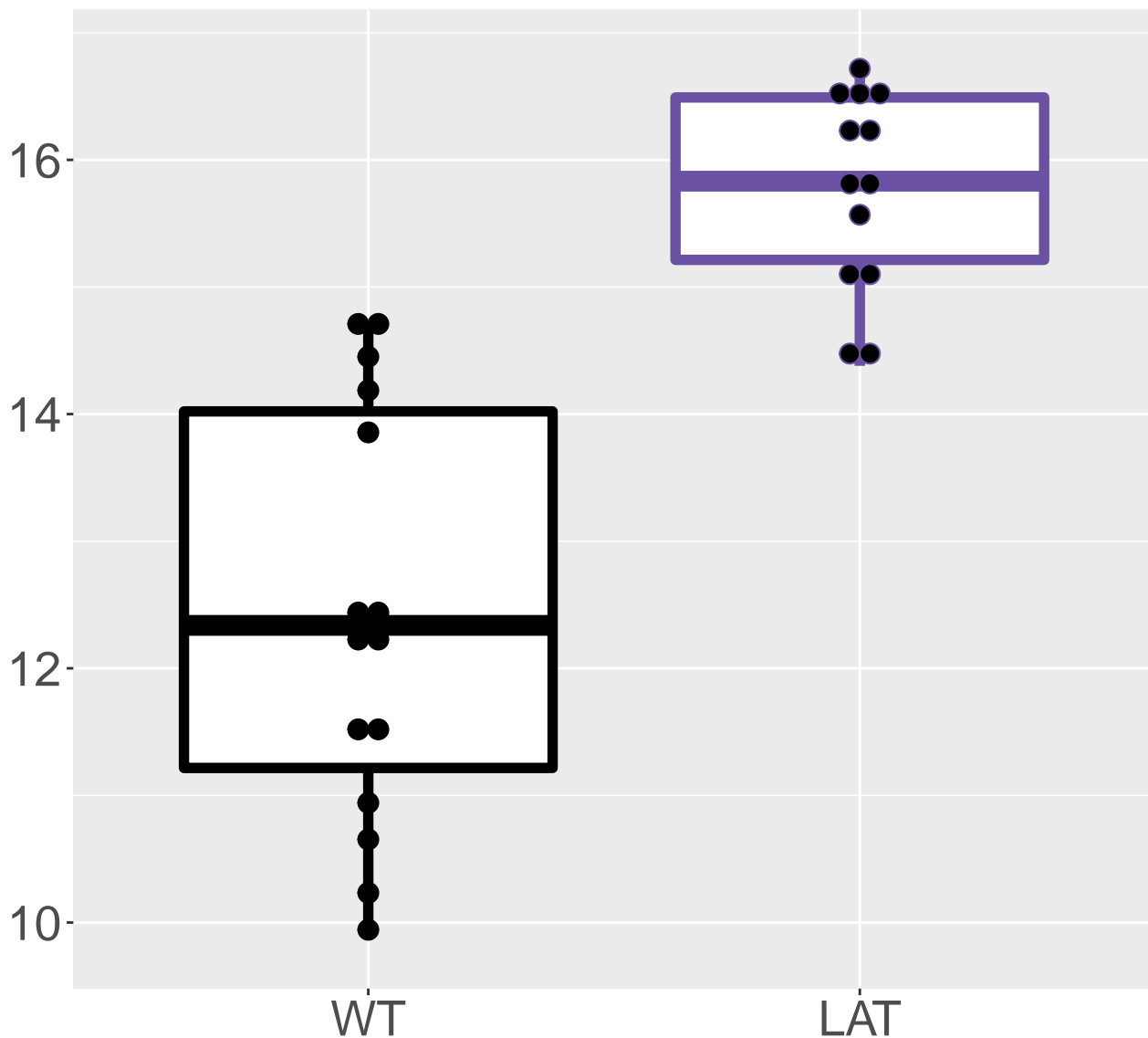
M859.7725T626.86

FDR = 1.6e-05, FC = -1.4



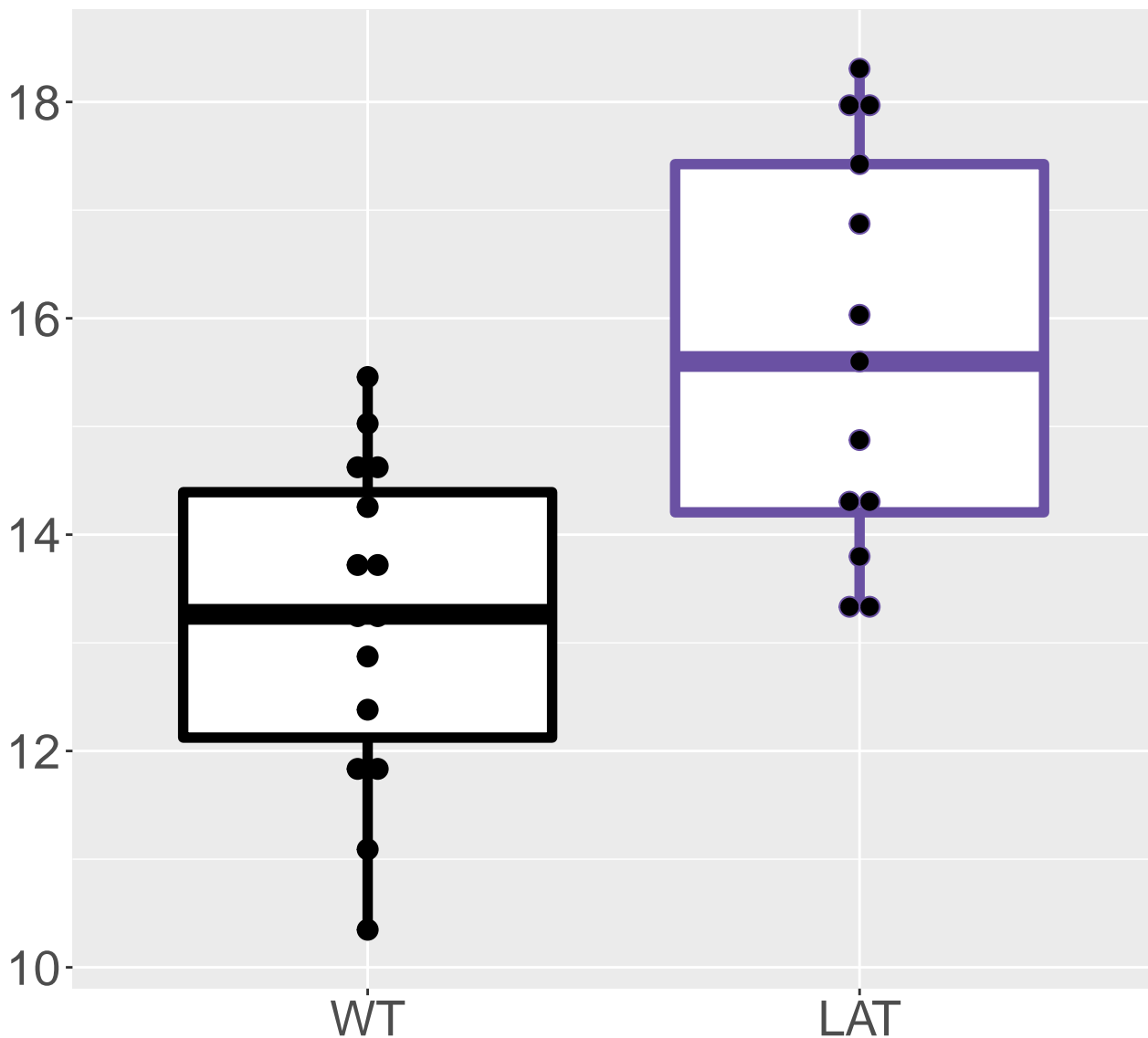
M615.1551T535.92

FDR = 1.6e-05, FC = 3.4

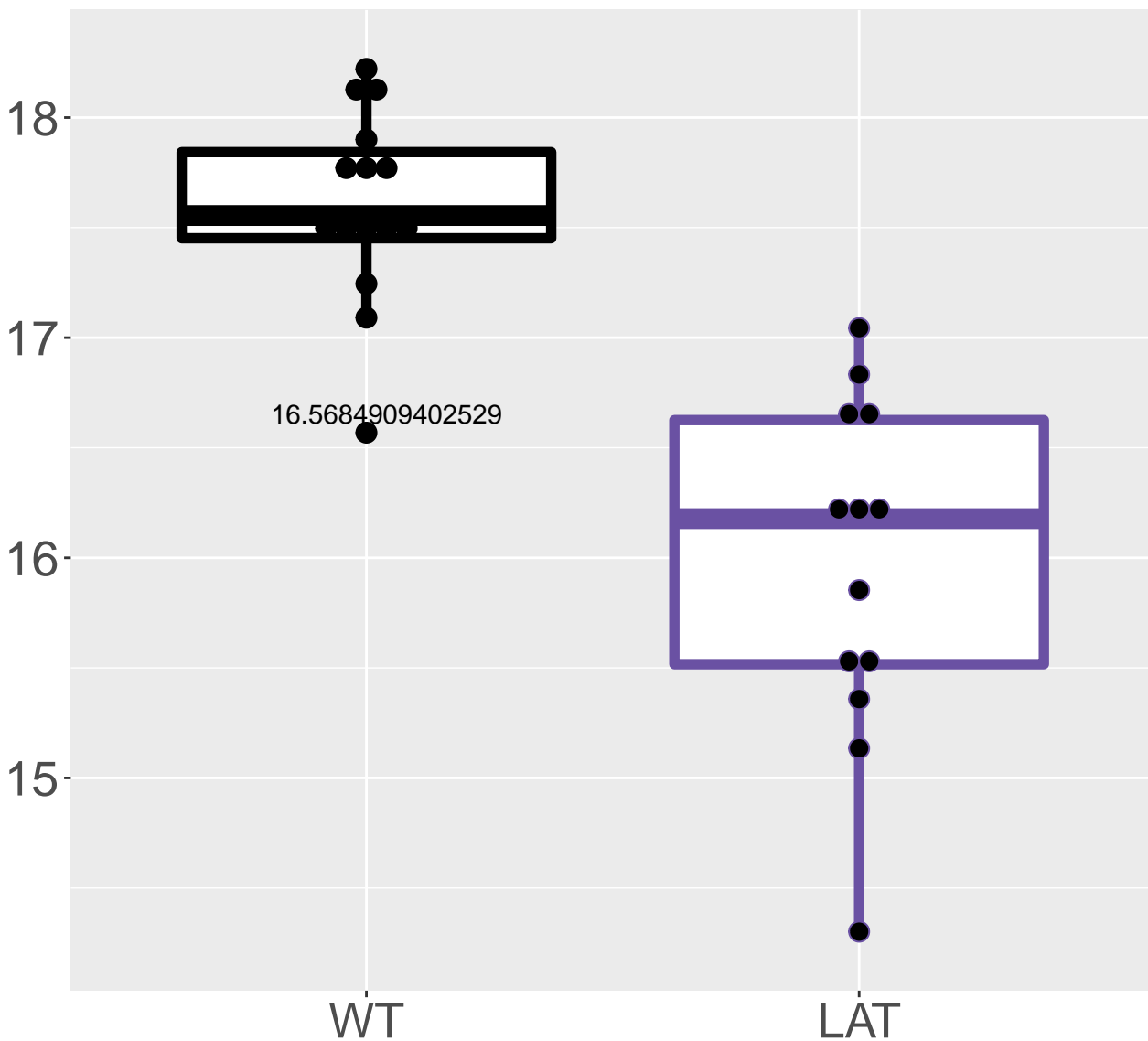


M866.2204T584.79

FDR = 1.6e-05, FC = 2.5, sex***

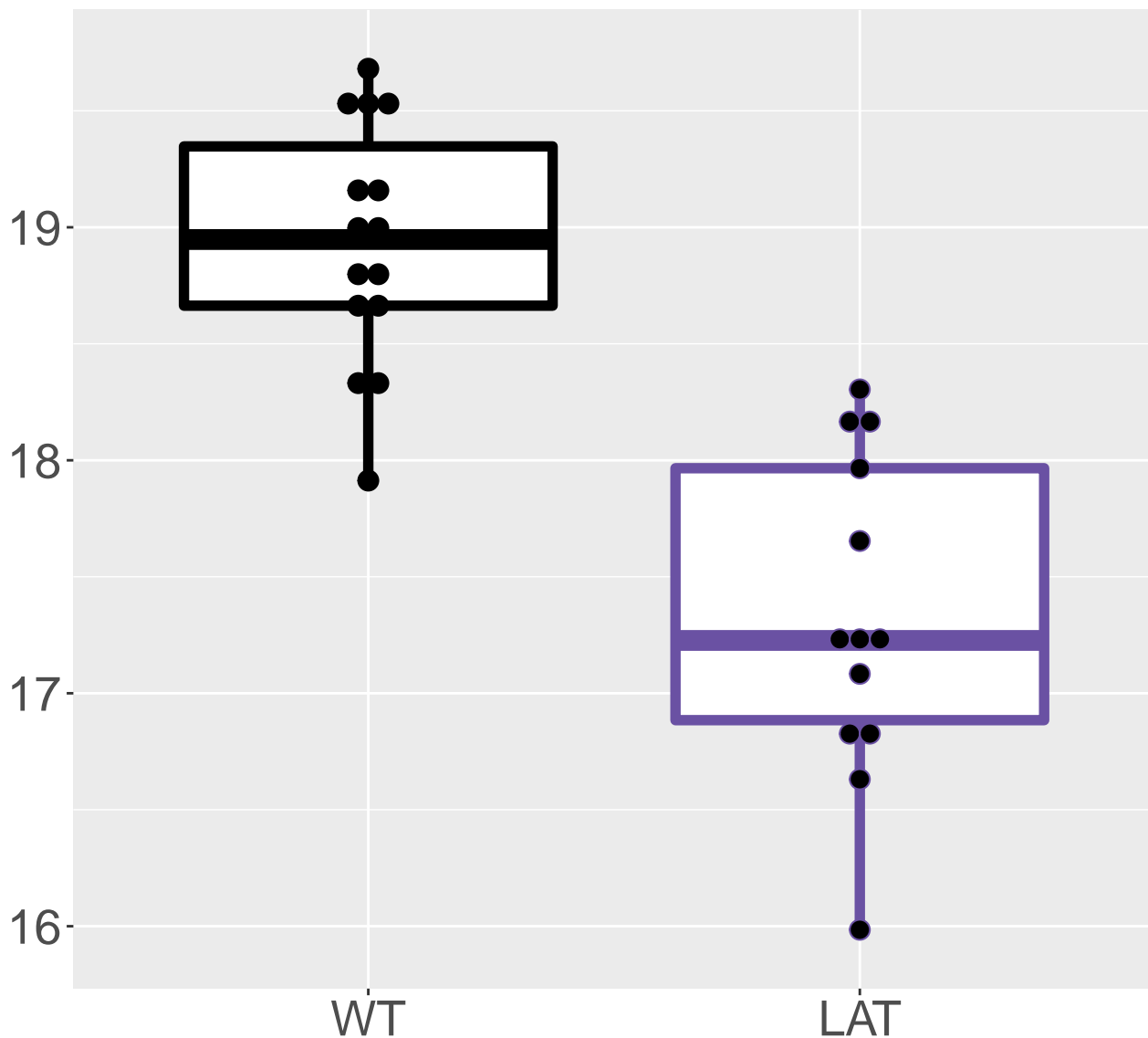


FDR = 1.6e-05, FC = -1.6



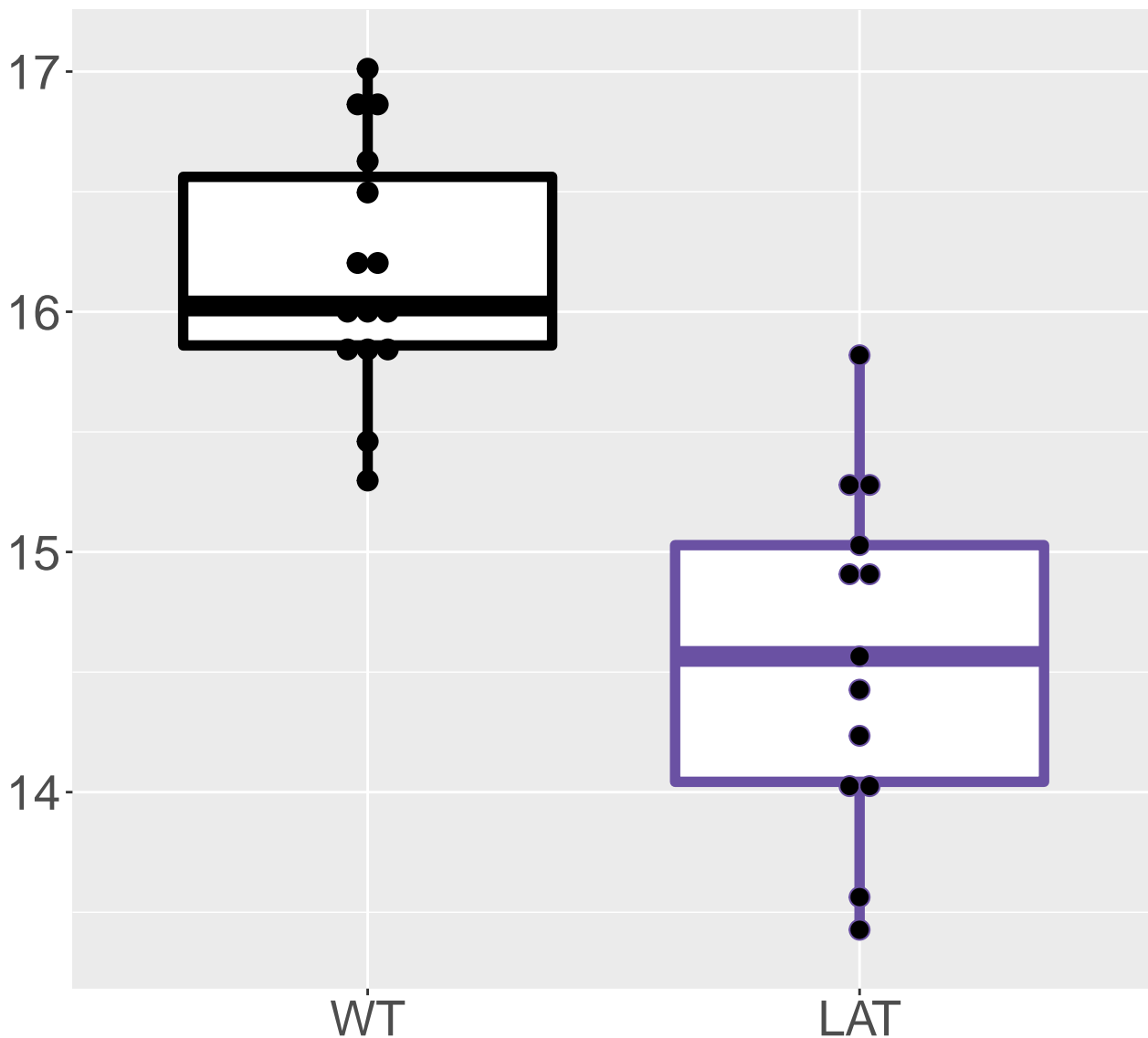
M640.1867T538.29

FDR = $1.6e-05$, FC = -1.6



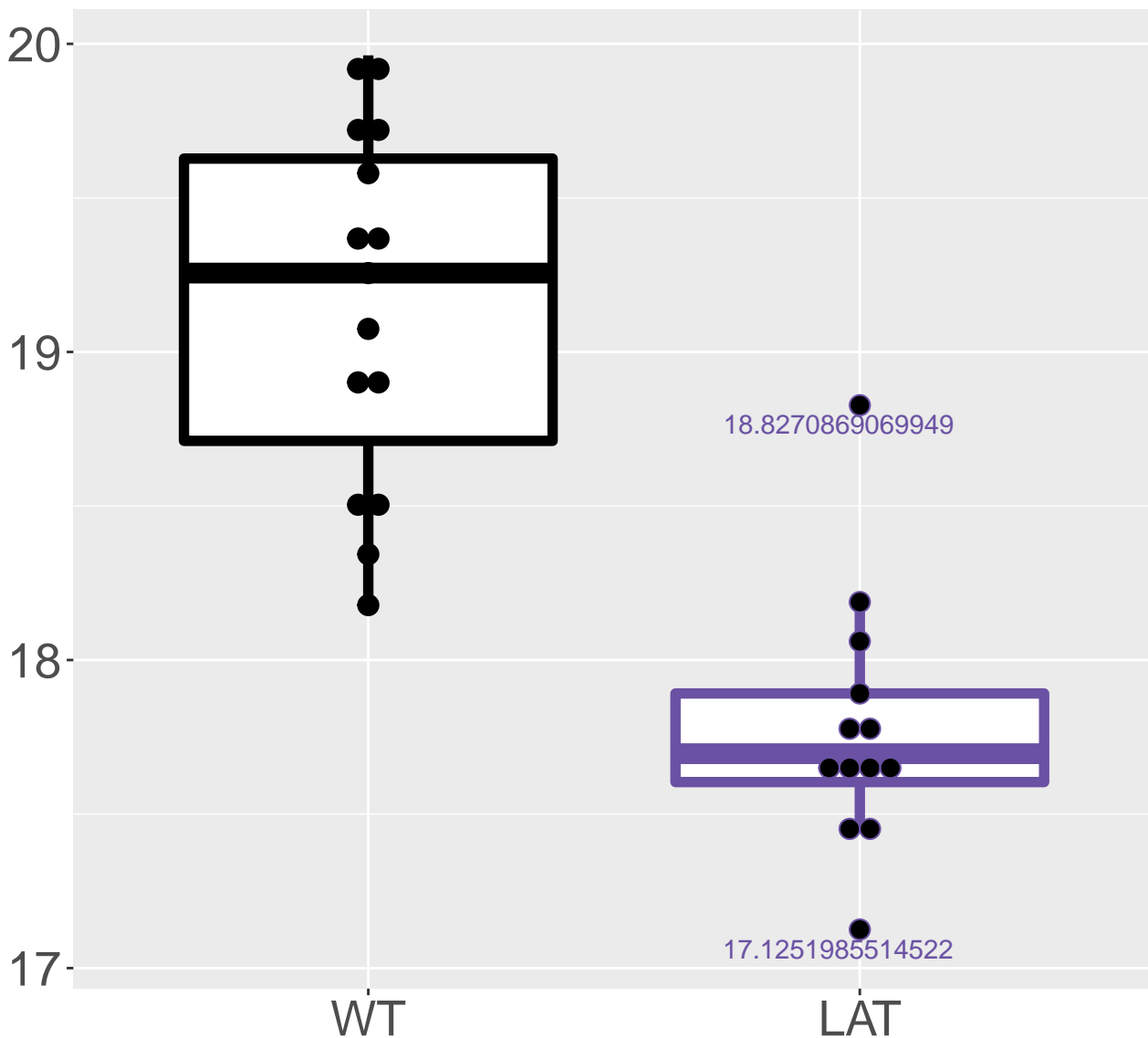
M617.2418T621.92

FDR = $1.6e-05$, FC = -1.6



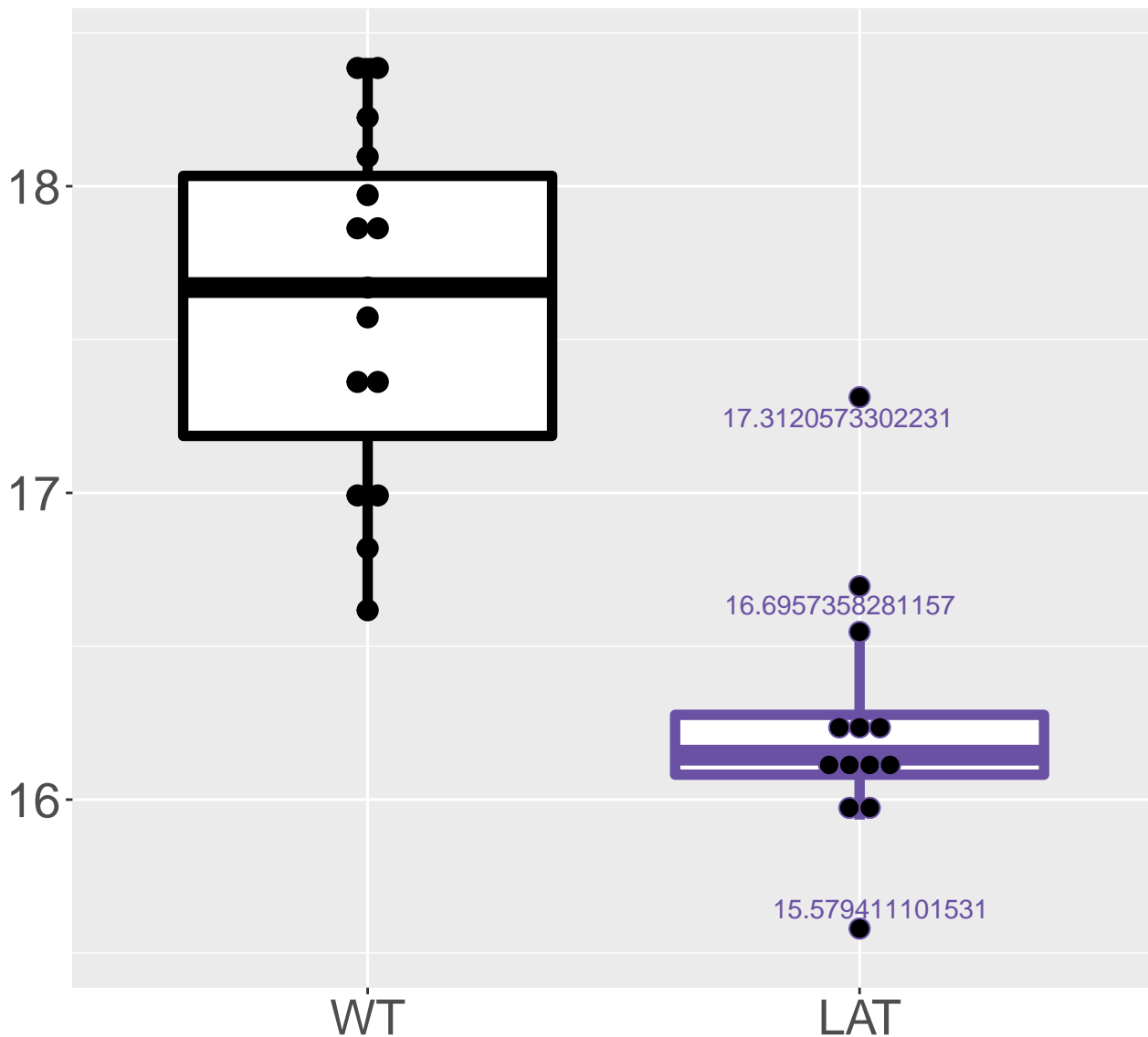
M858.2681T626.84

FDR = 1.6e-05, FC = -1.4



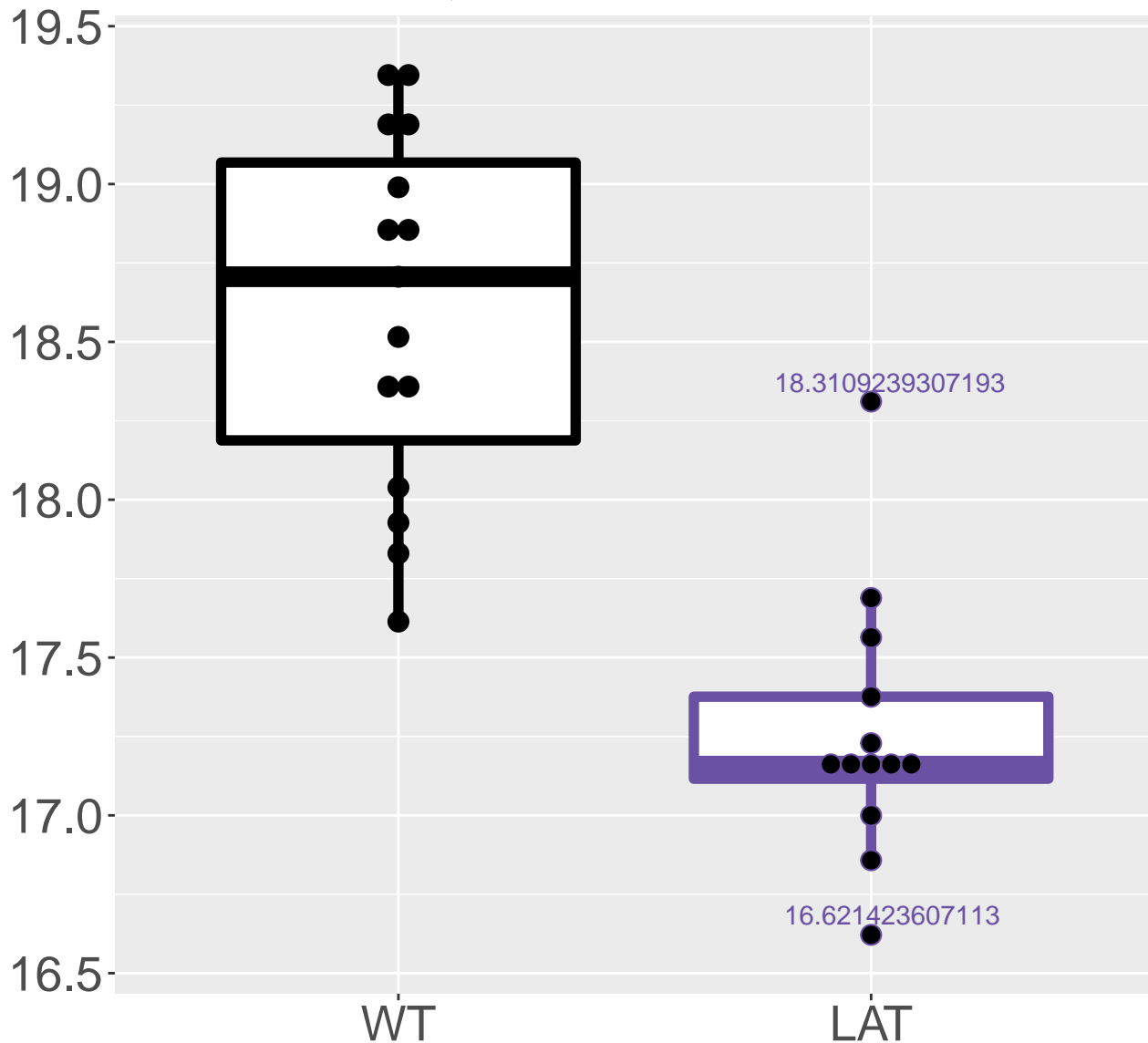
M859.2709T626.86_2

FDR = 1.6e-05, FC = -1.4

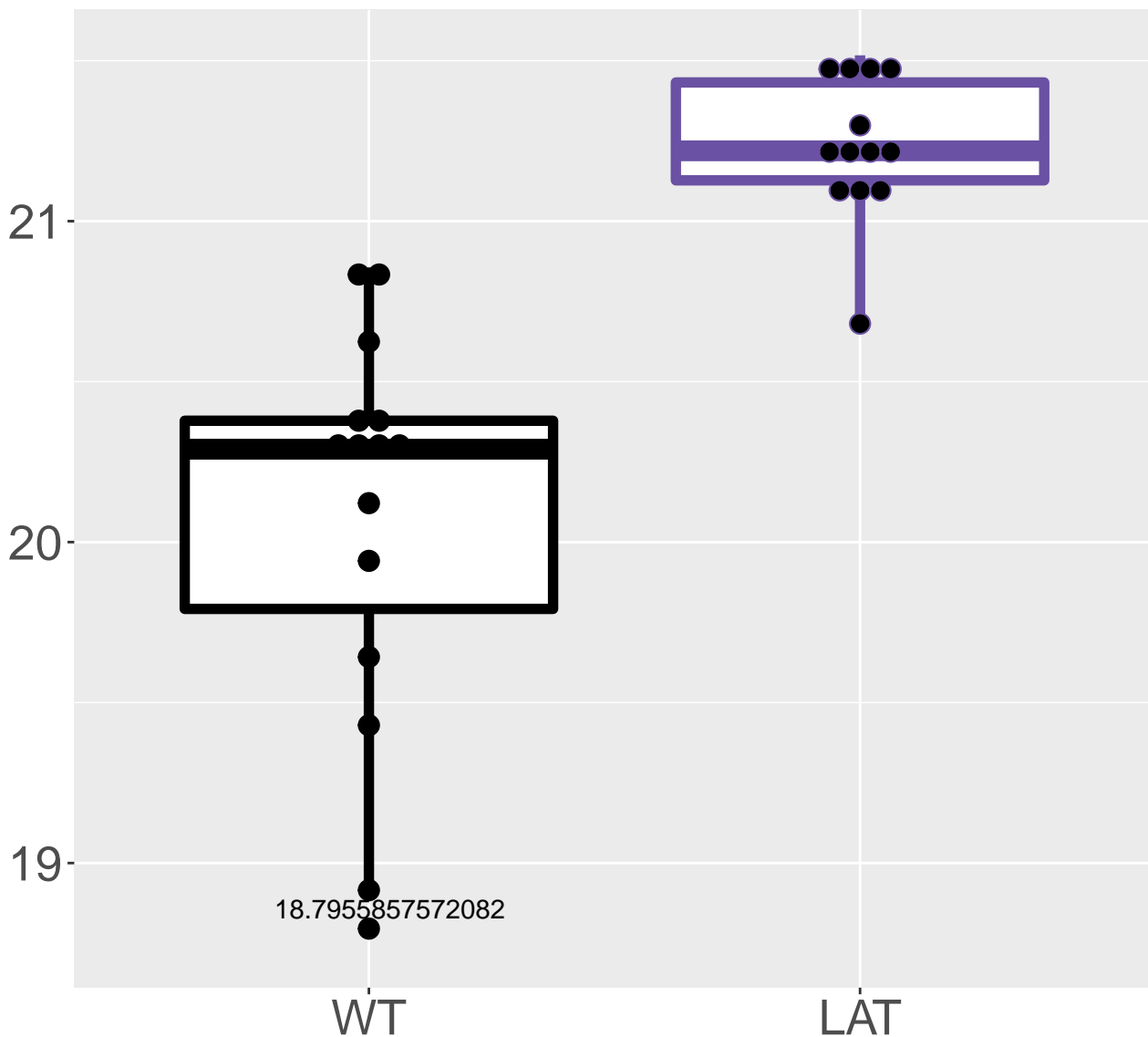


M858.7697T626.86_1

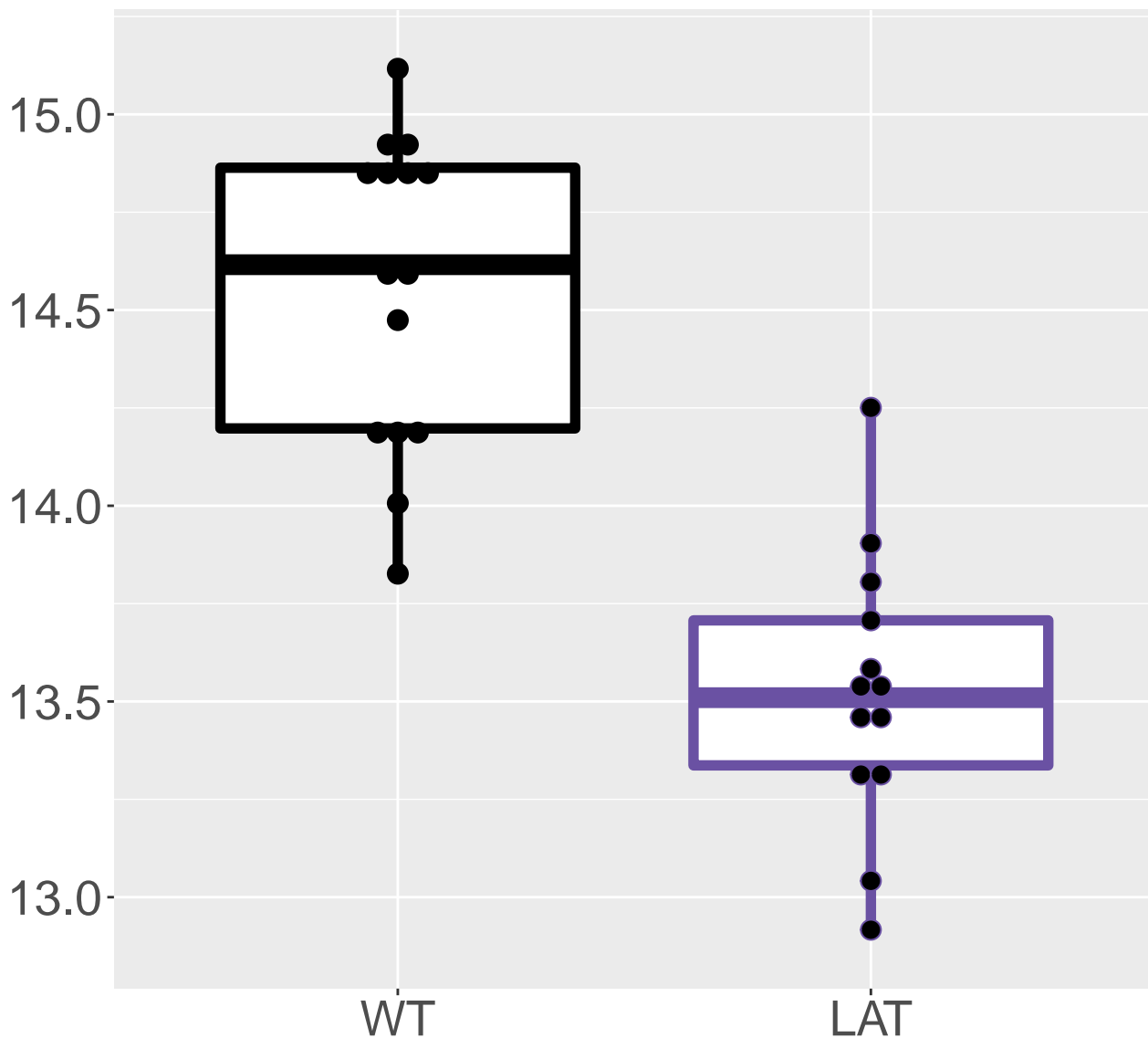
FDR = 1.6e-05, FC = -1.3



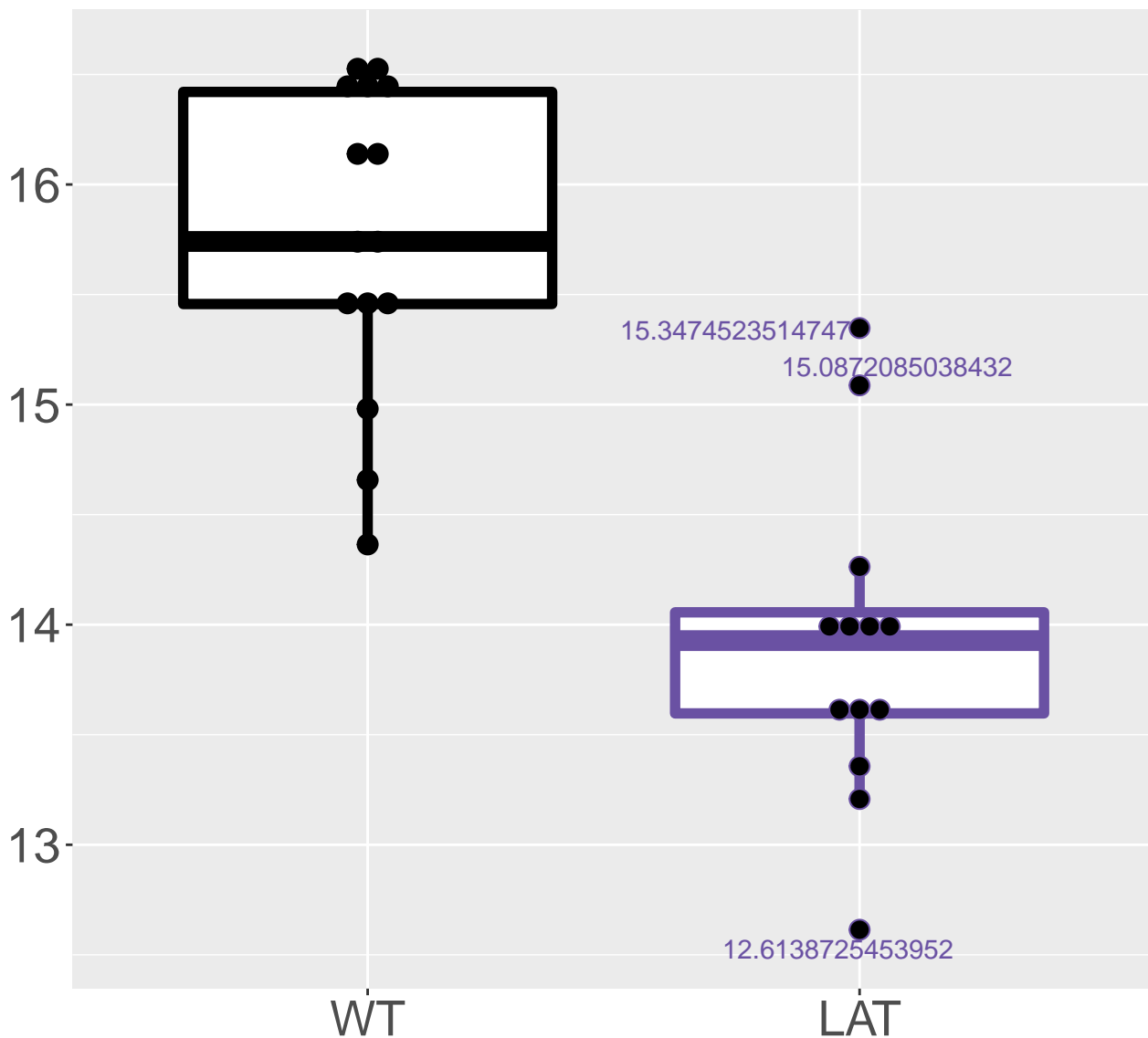
FDR = 1.6e-05, \overline{FC} = 1.2



FDR = 1.6e-05, FC = -1

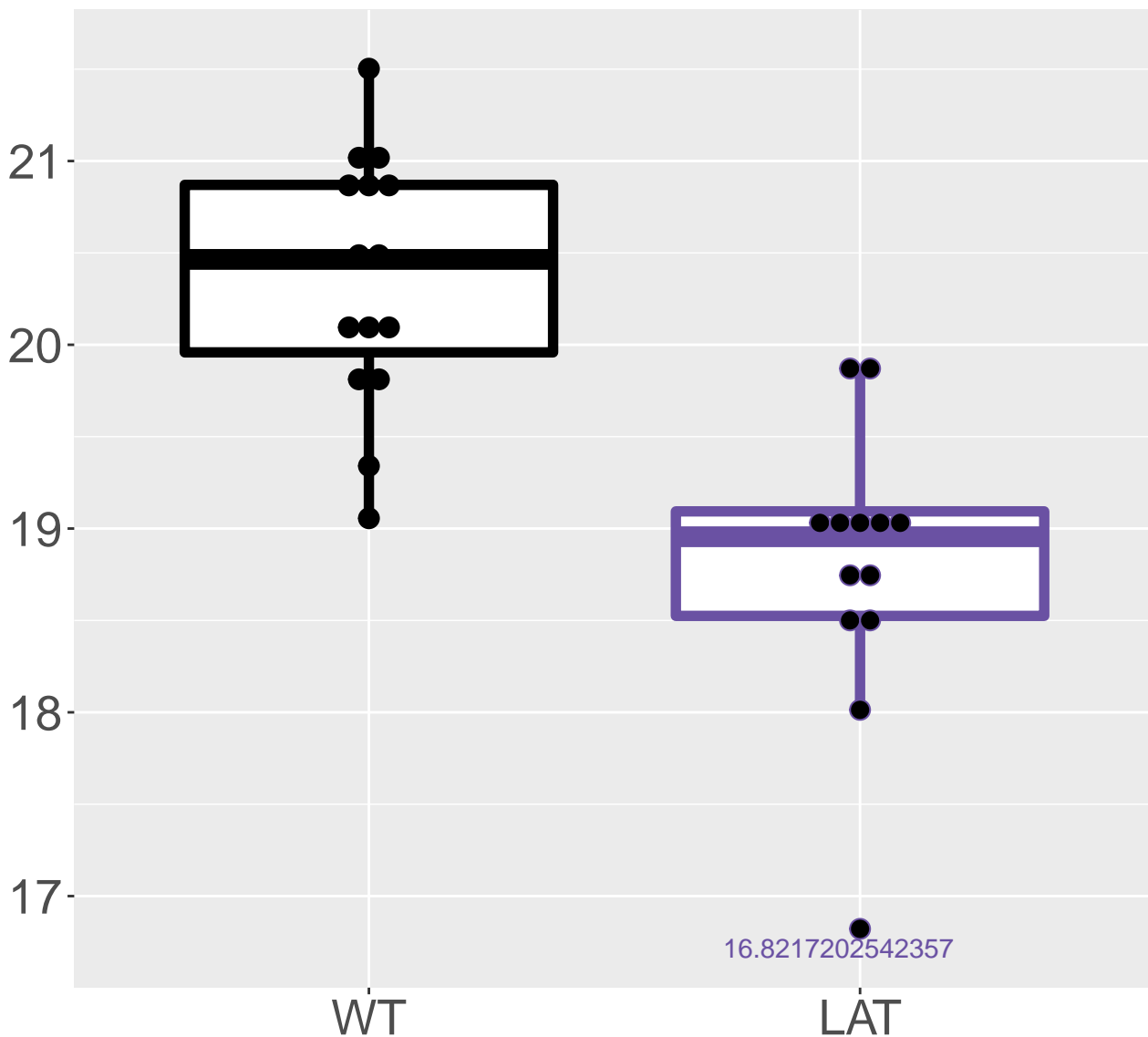


M828.7746T627.42_1
FDR = 1.7e-05, FC = -1.9



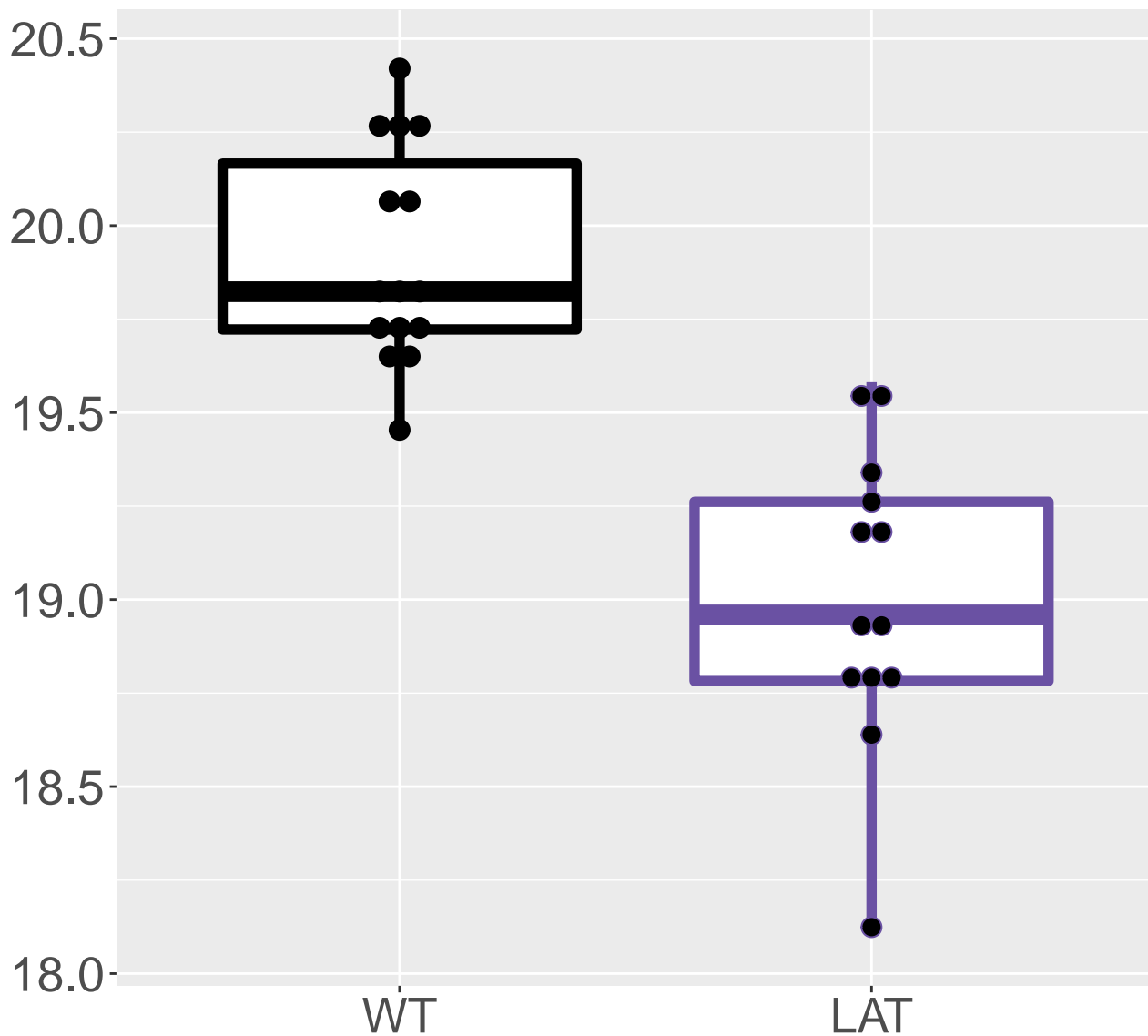
M401.1571T327.68

FDR = 1.7e-05, FC = -1.6, sex**



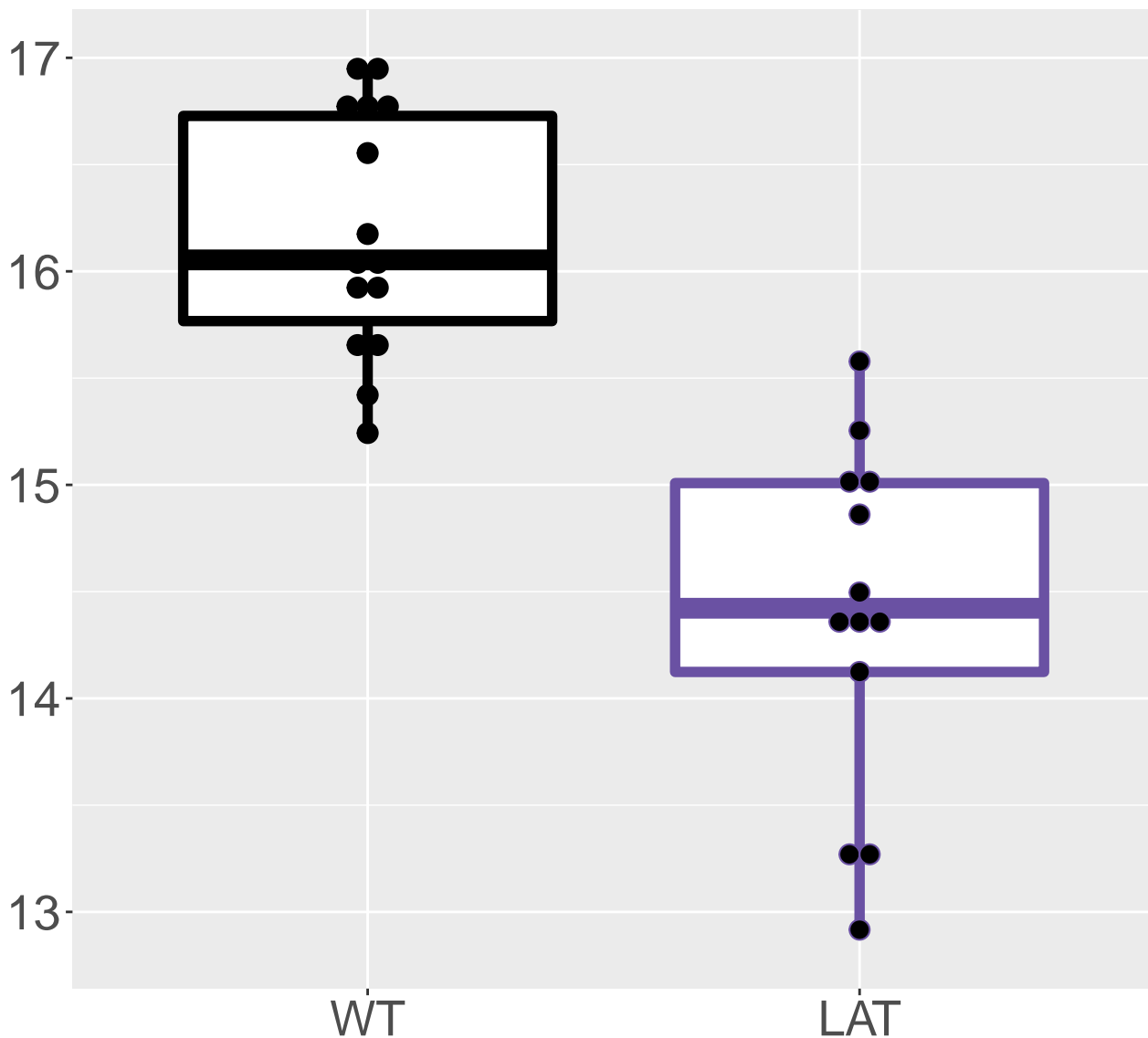
M593.158T587.63

FDR = $1.7e-05$, FC = -0.92

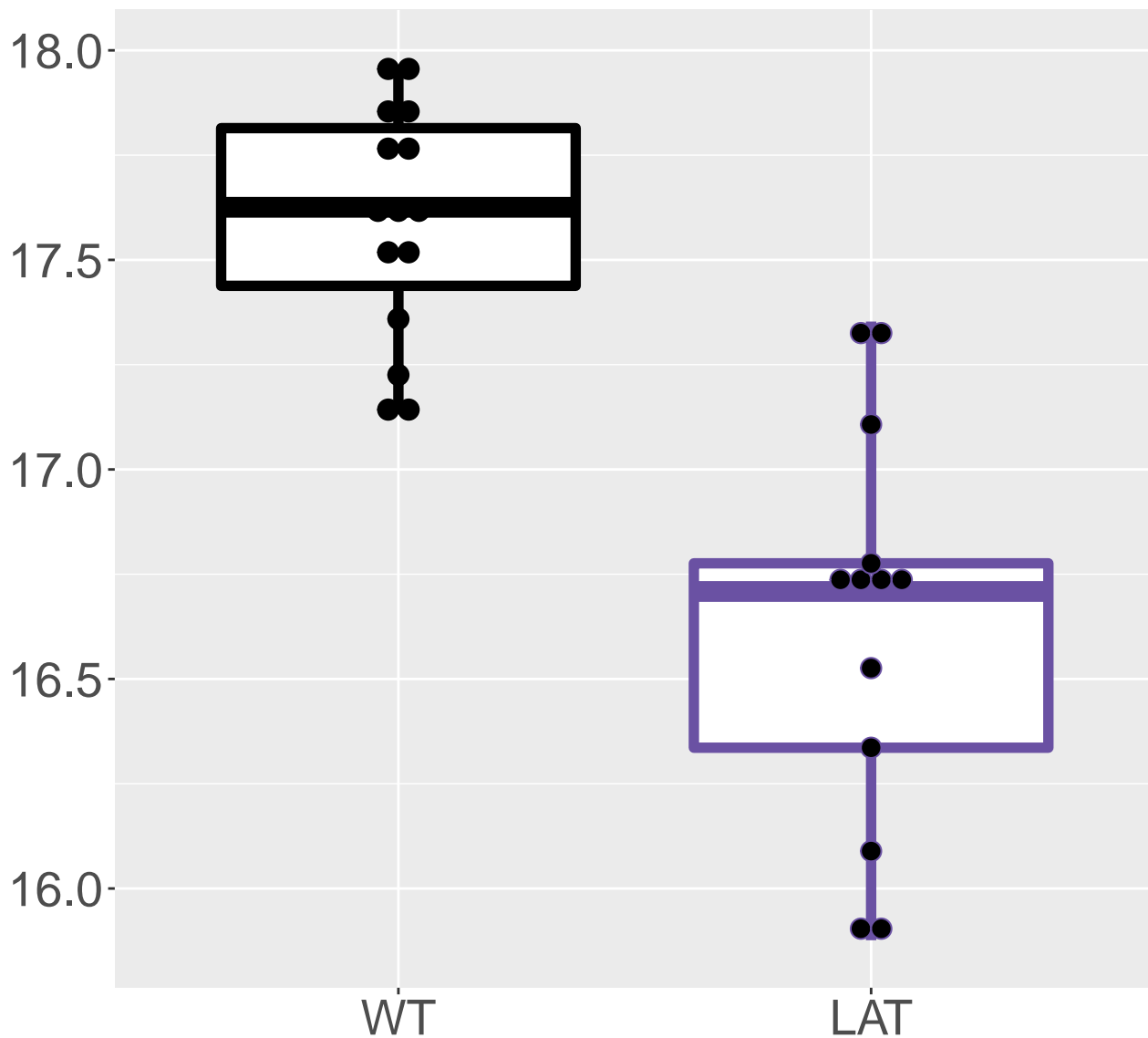


M279.5883T559.83

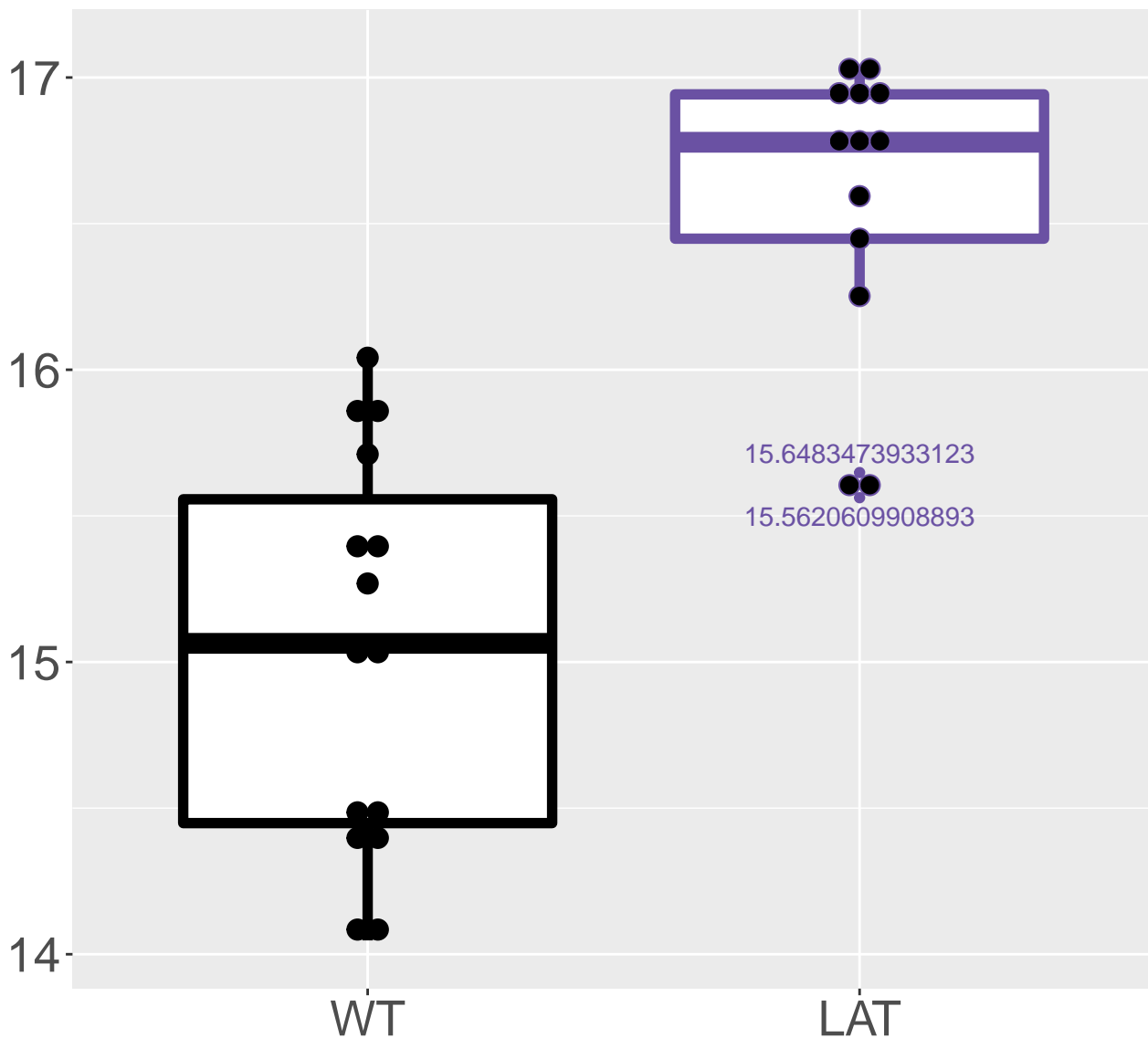
FDR = $1.8e-05$, FC = -1.8



FDR = 2e-05, FC = -0.96

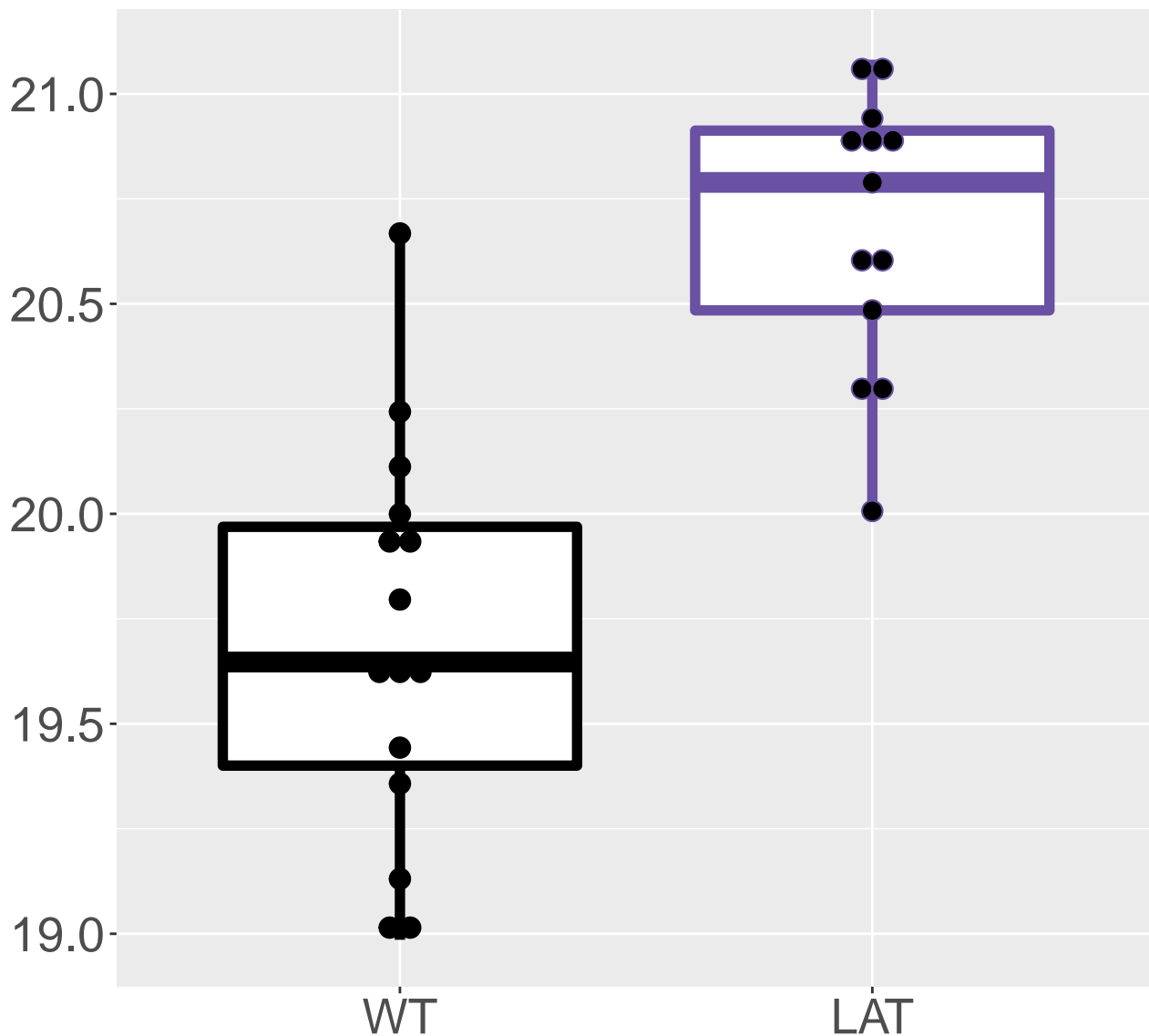


Guanosine 5'-diphospho- \hat{I}^2 -L-fucose;GDP- \hat{I}^2 -
FDR = 2.1e-05, FC = 1.6



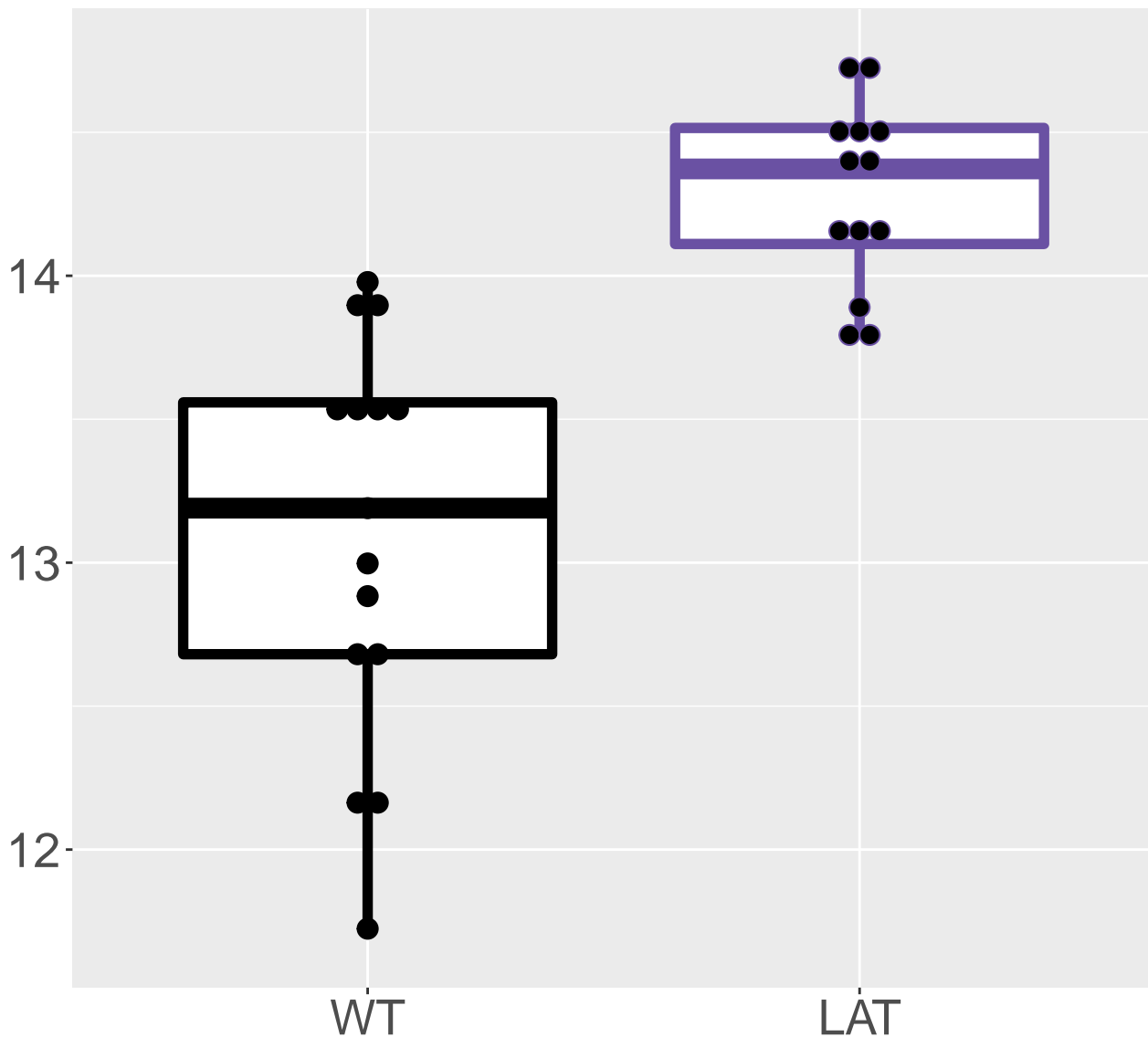
M652.2337T299.61

FDR = $2.7e-05$, FC = 0.98



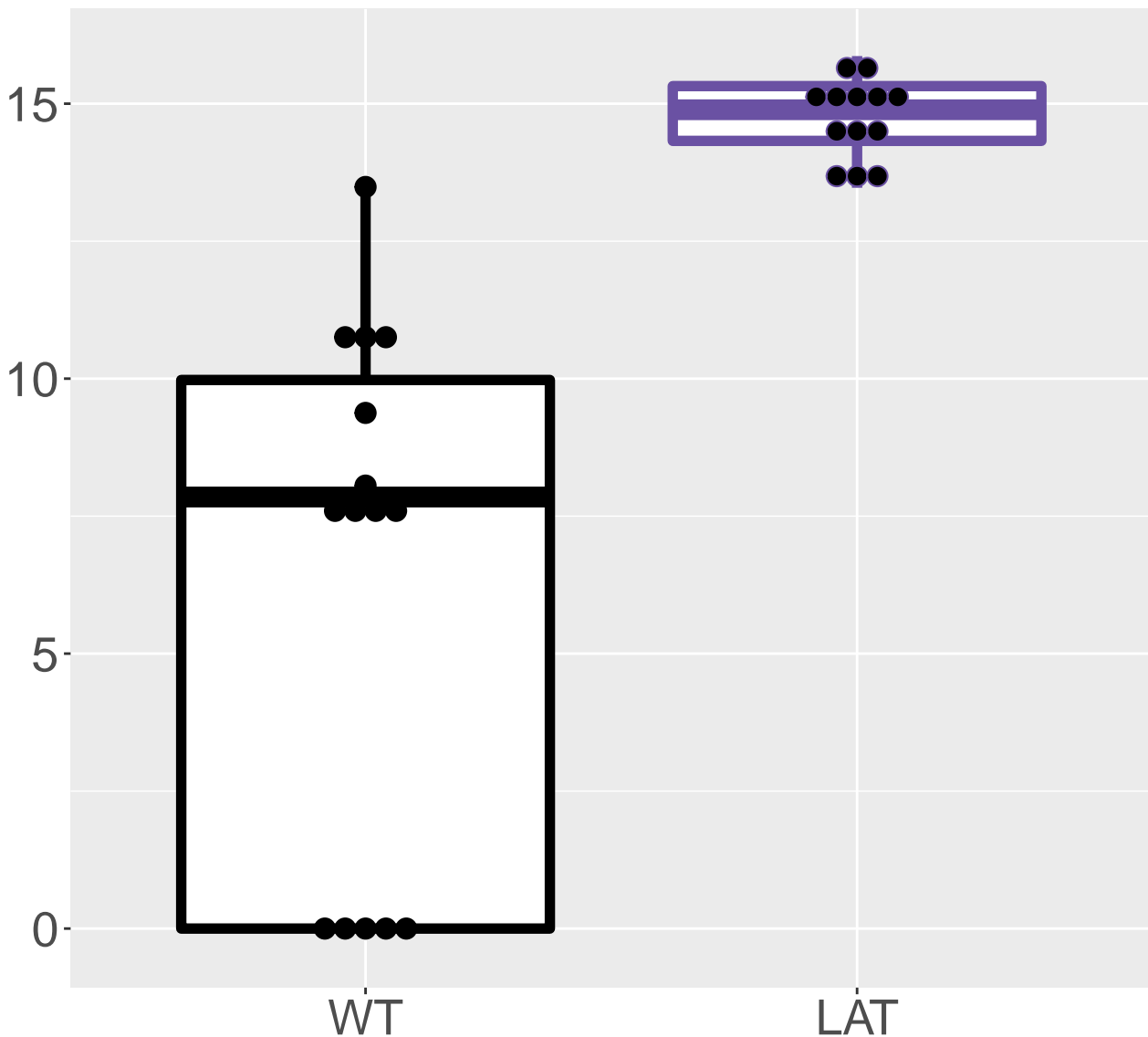
M304.0227T347.88

FDR = $2.9\text{e-}05$, FC = 1.2

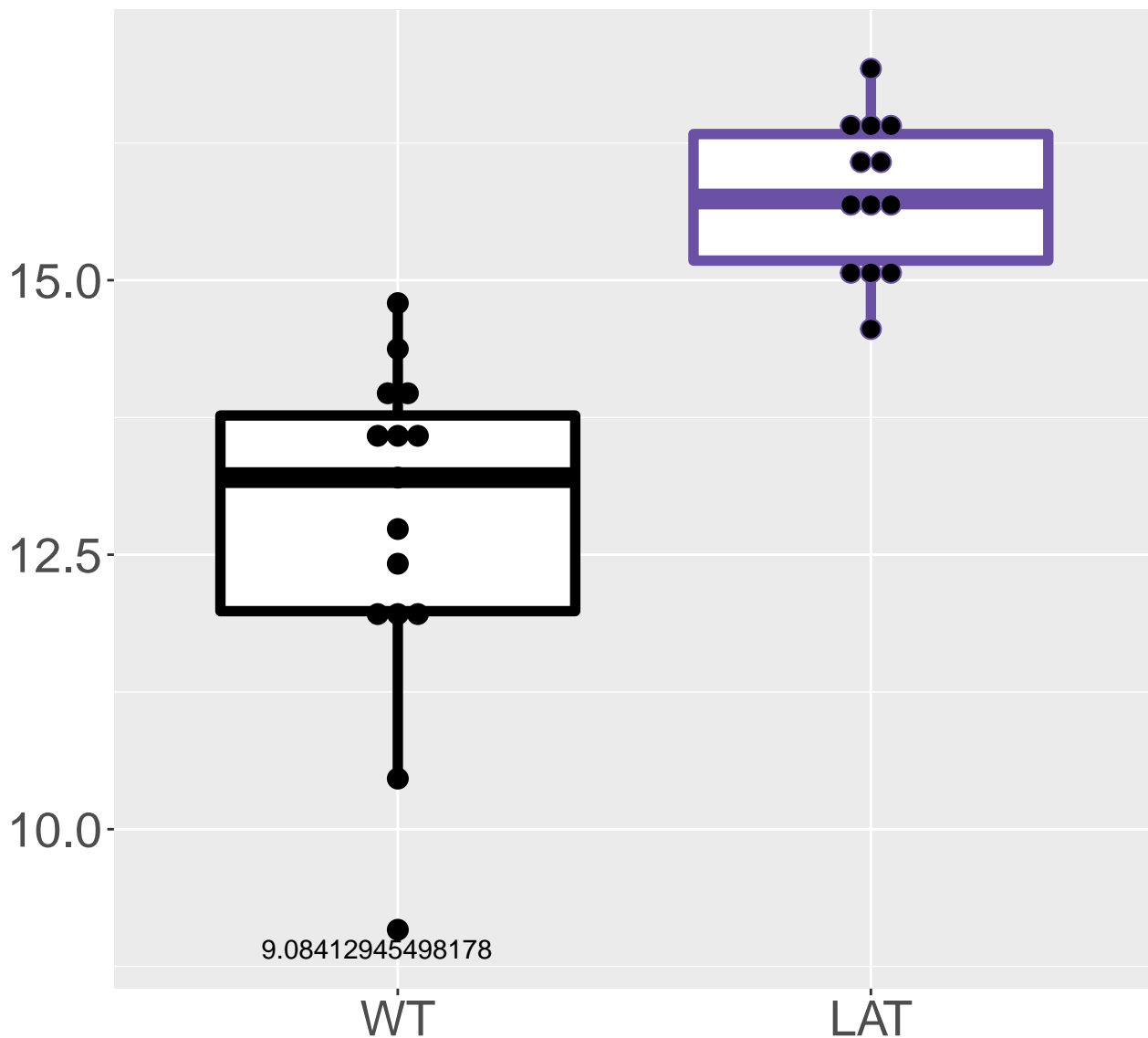


M439.1412T137.44

FDR = $3e-05$, FC = 8.5

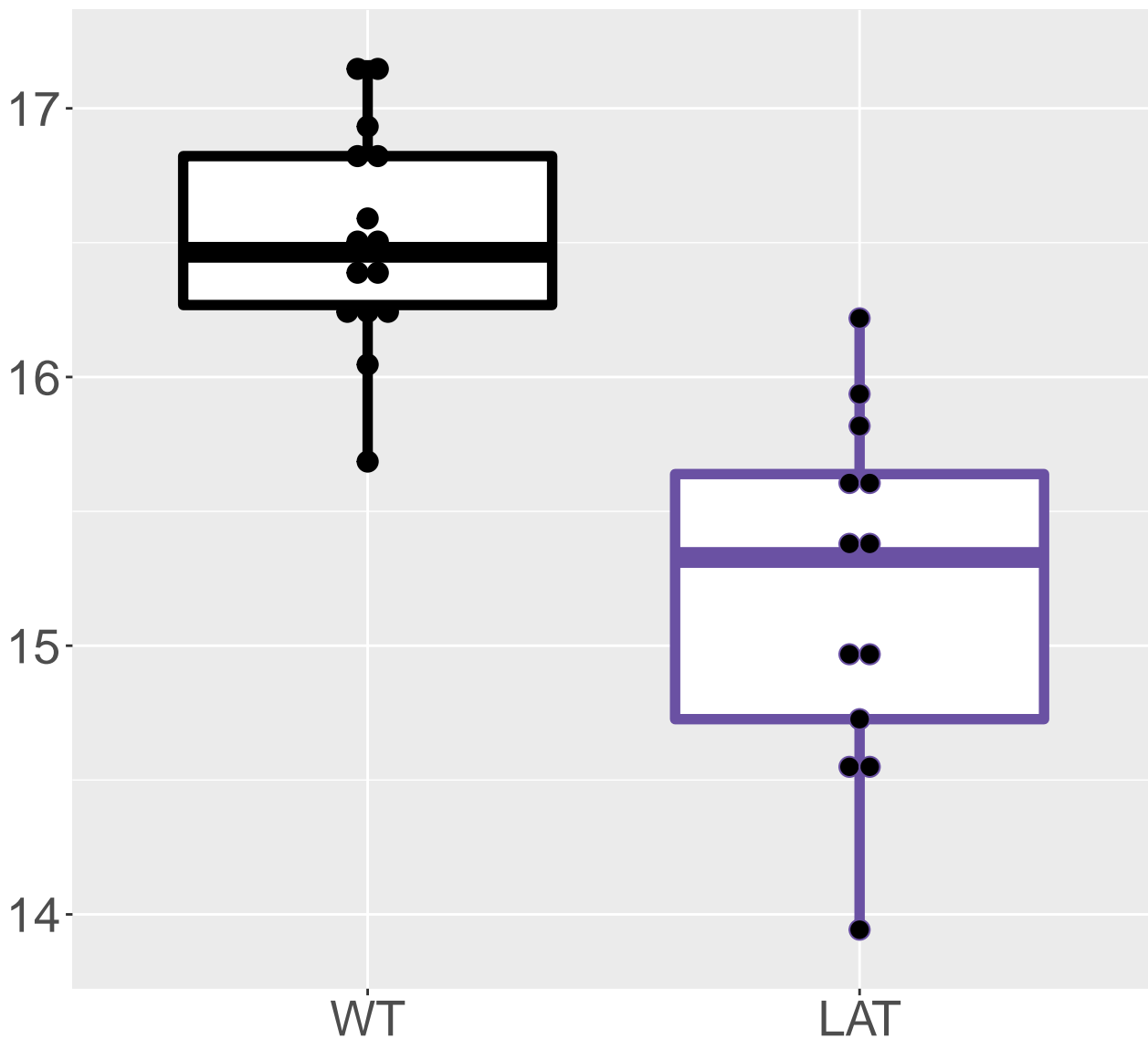


M398.0532T512.81
FDR = 3e-05, FC = 3



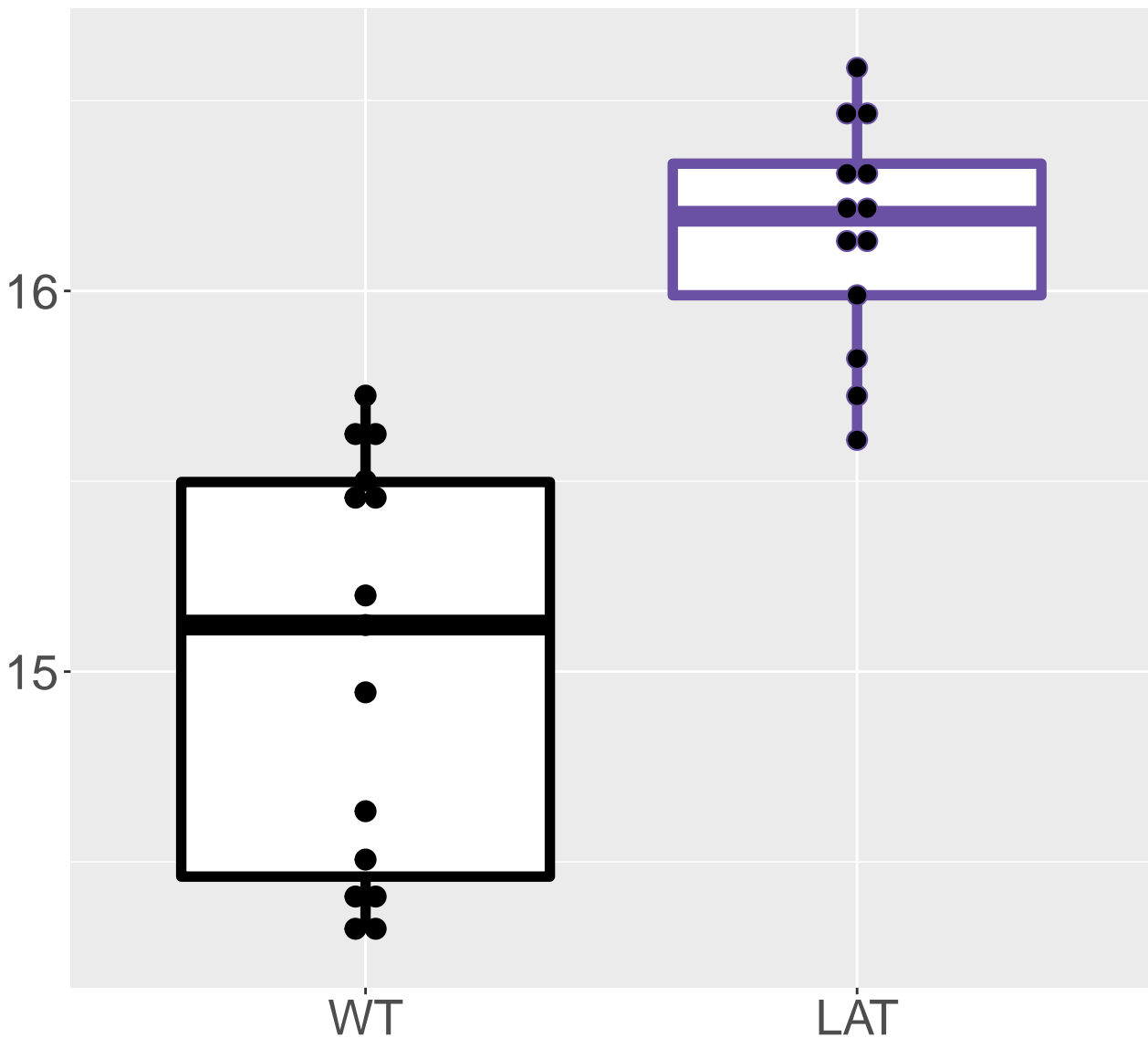
M631.2581T620.75

FDR = $3e-05$, FC = -1.3

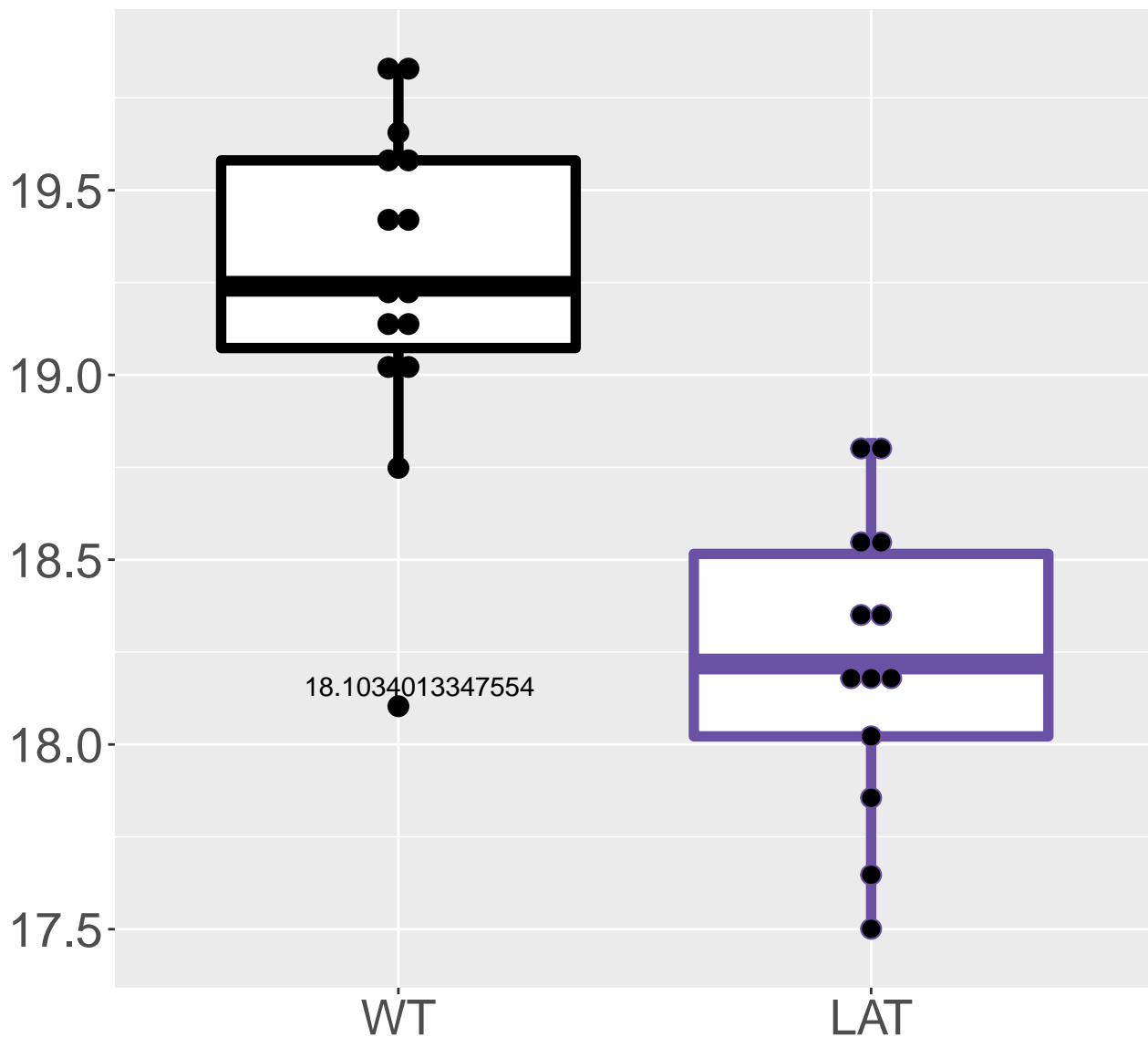


M293.5344T612.95

FDR = $3e-05$, FC = 1.1

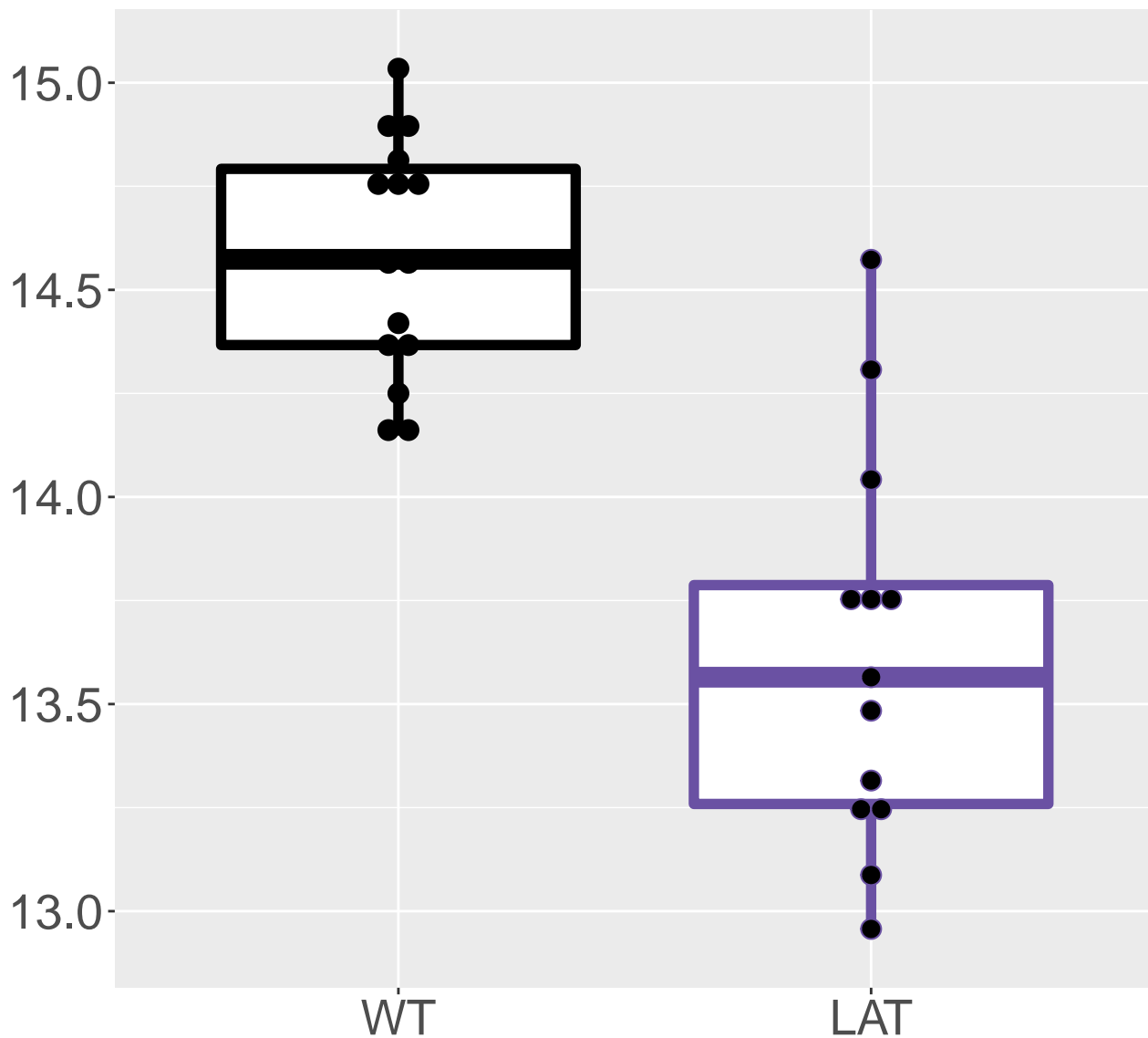


M367.1362T322.37
FDR = 3e-05, FC = -1



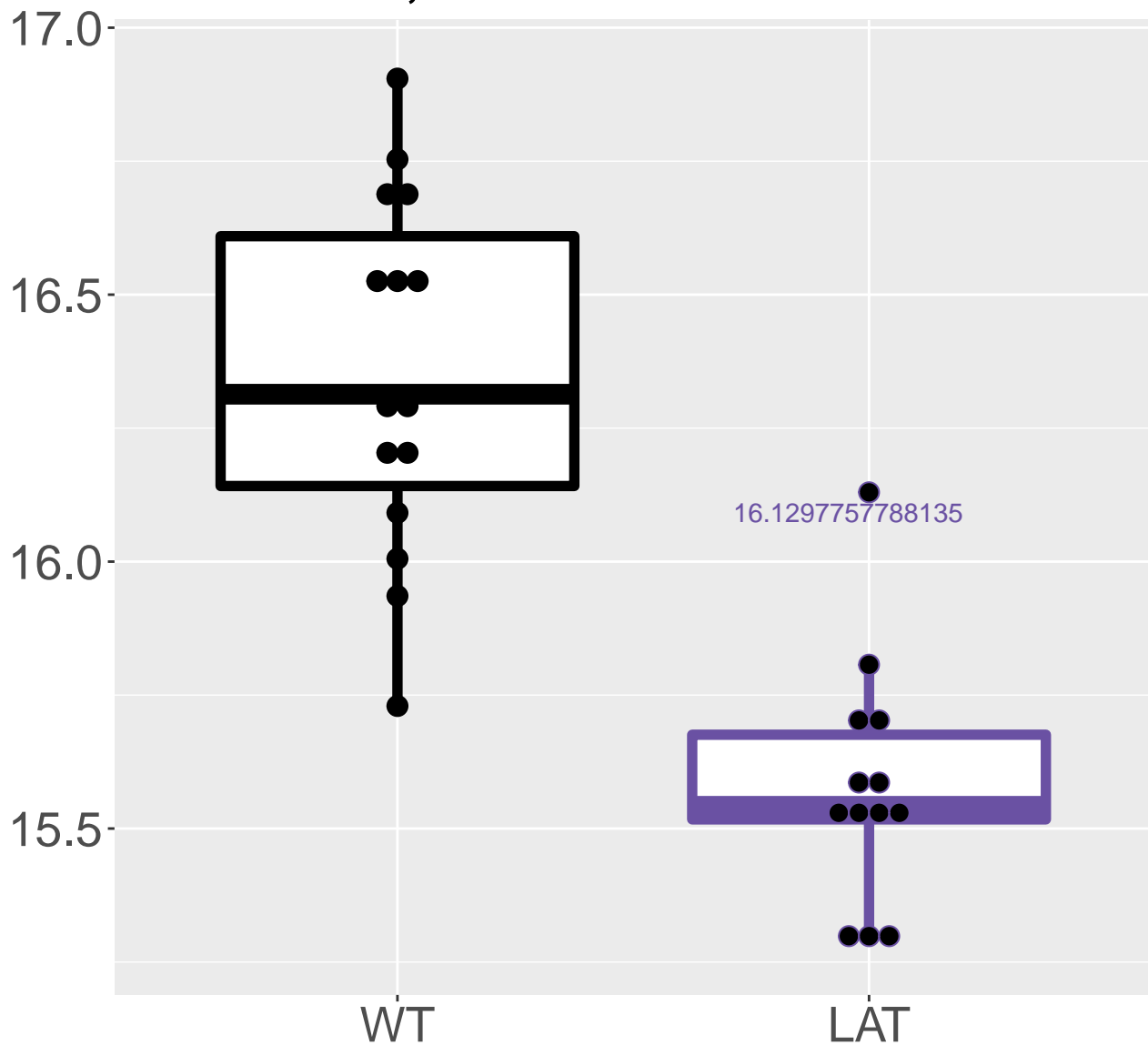
M973.3714T622.31

FDR = $3e-05$, FC = -0.96



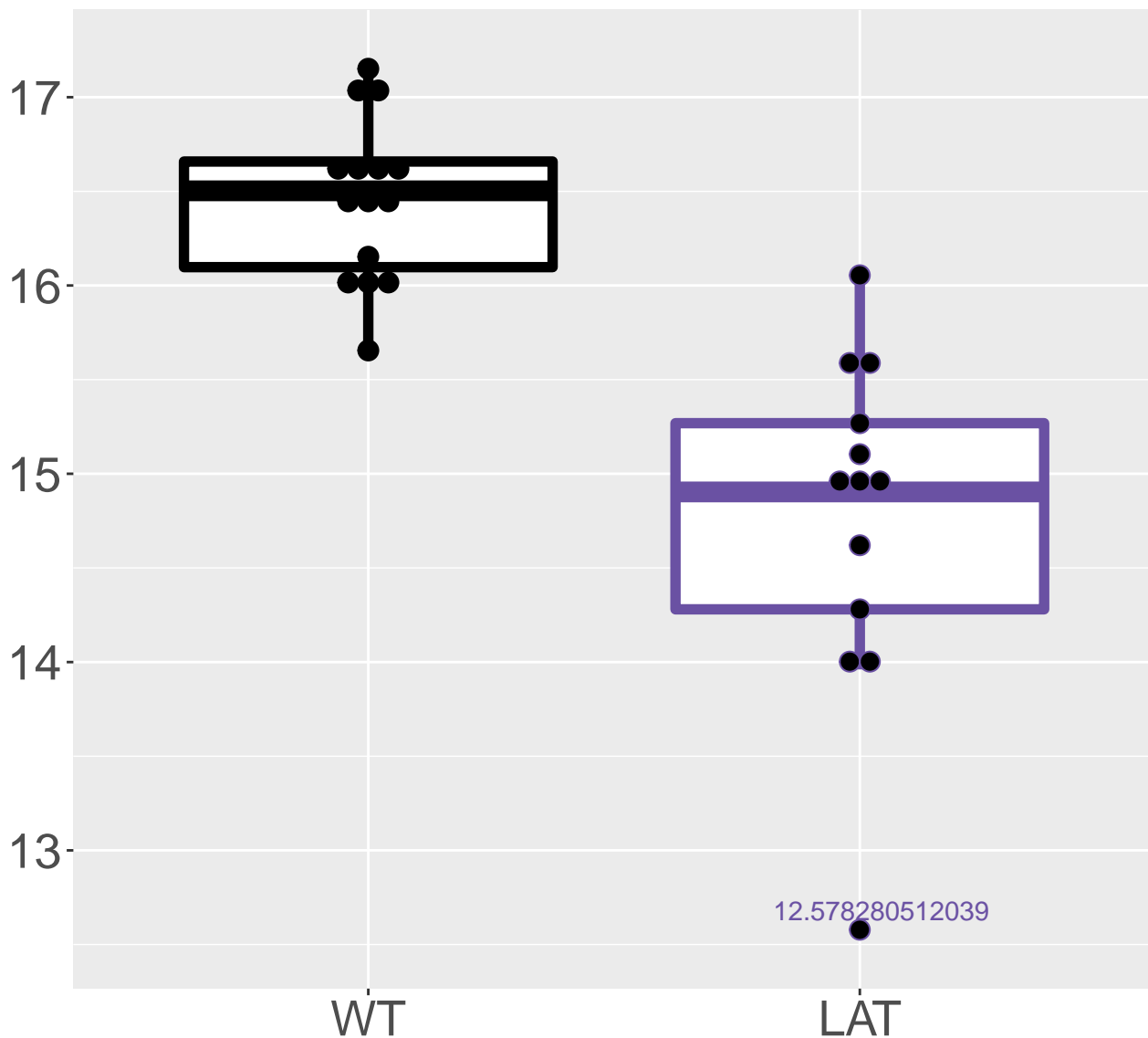
M825.2533T638.22

FDR = $3e-05$, FC = -0.78



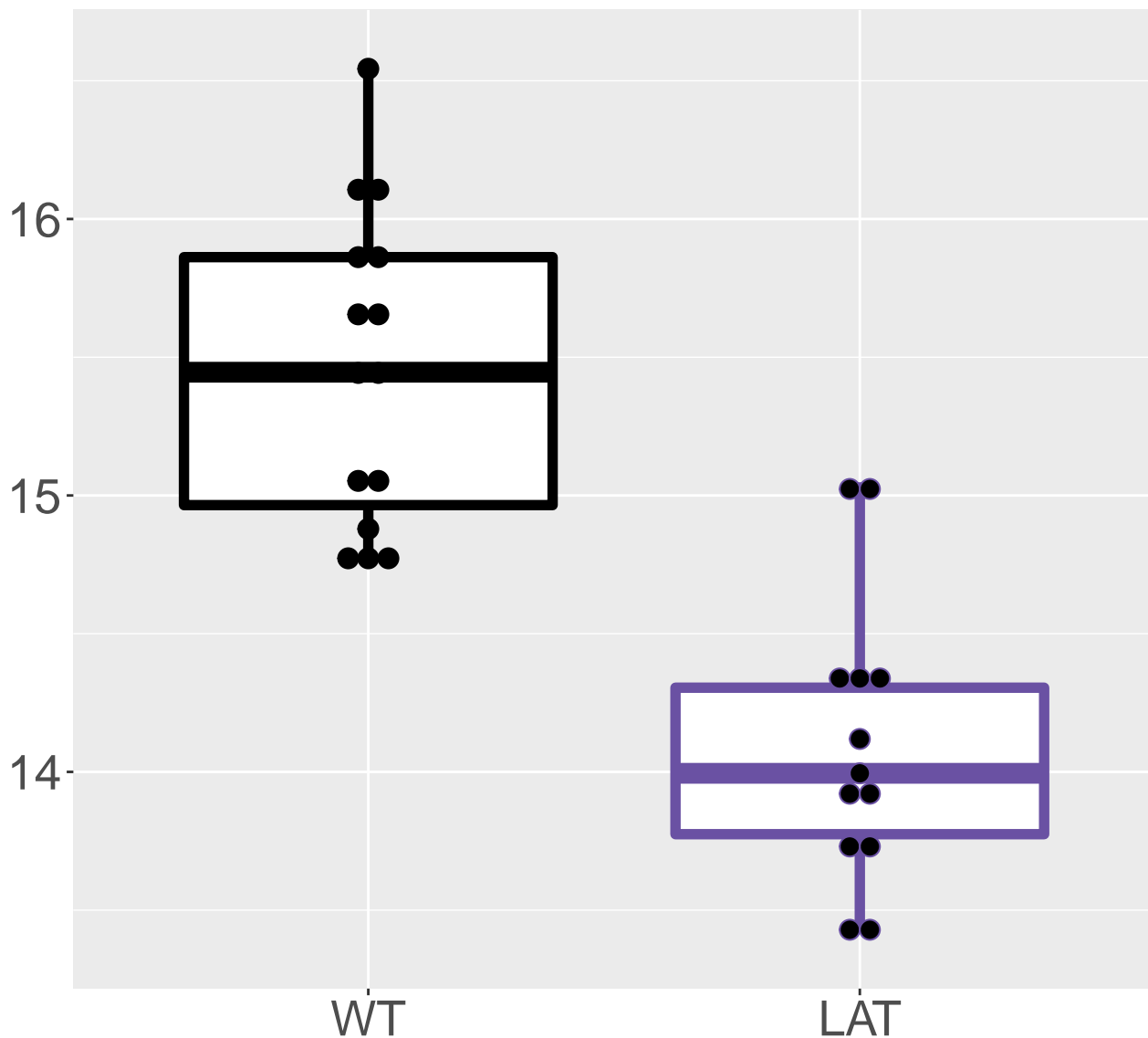
M740.2475T535.96

FDR = $3.2e-05$, FC = -1.7



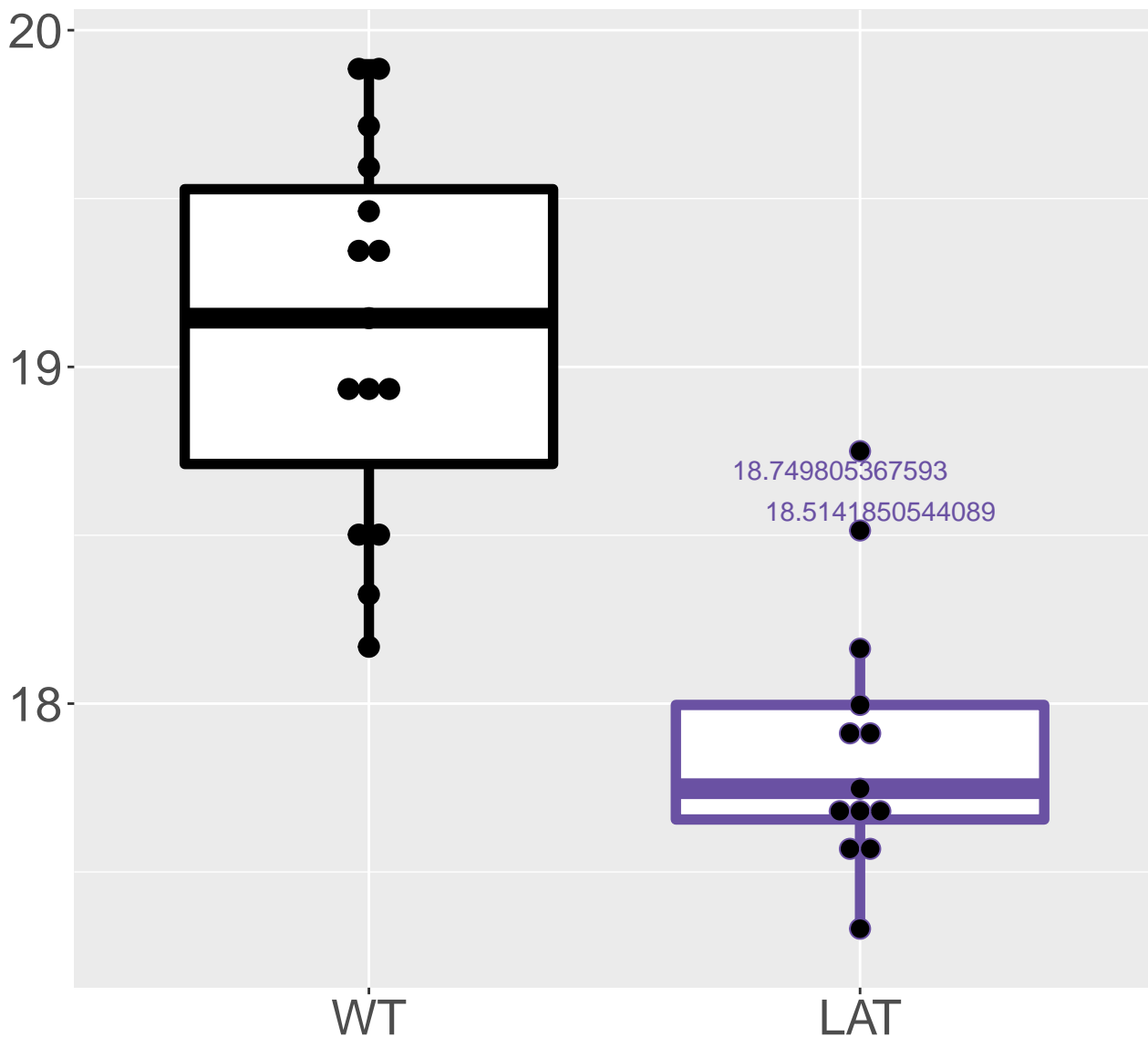
M374.1148T626.32

FDR = $3.2e-05$, FC = -1.4



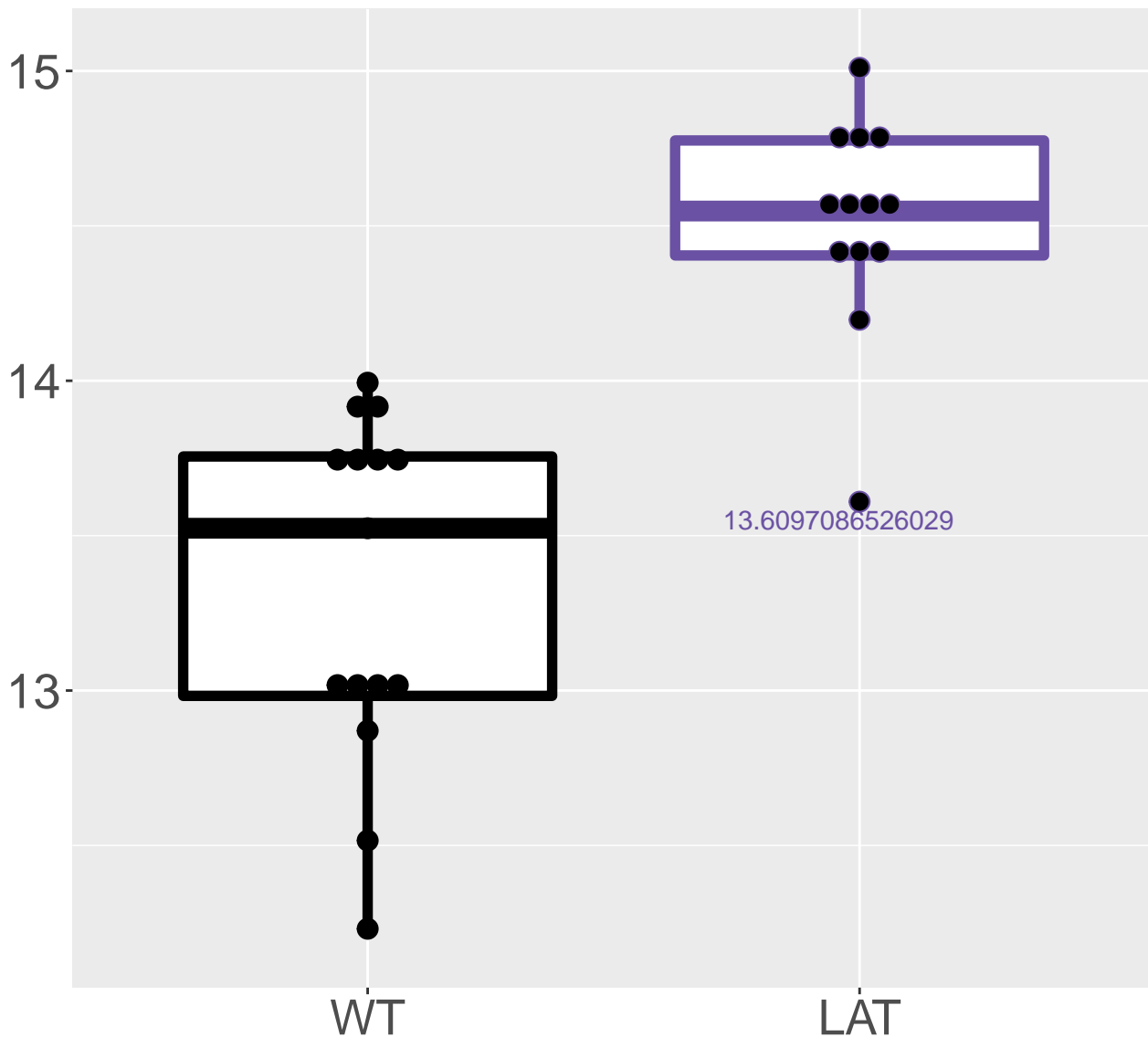
M443.6391T625.78_1

FDR = $3.2e-05$, FC = -1.2



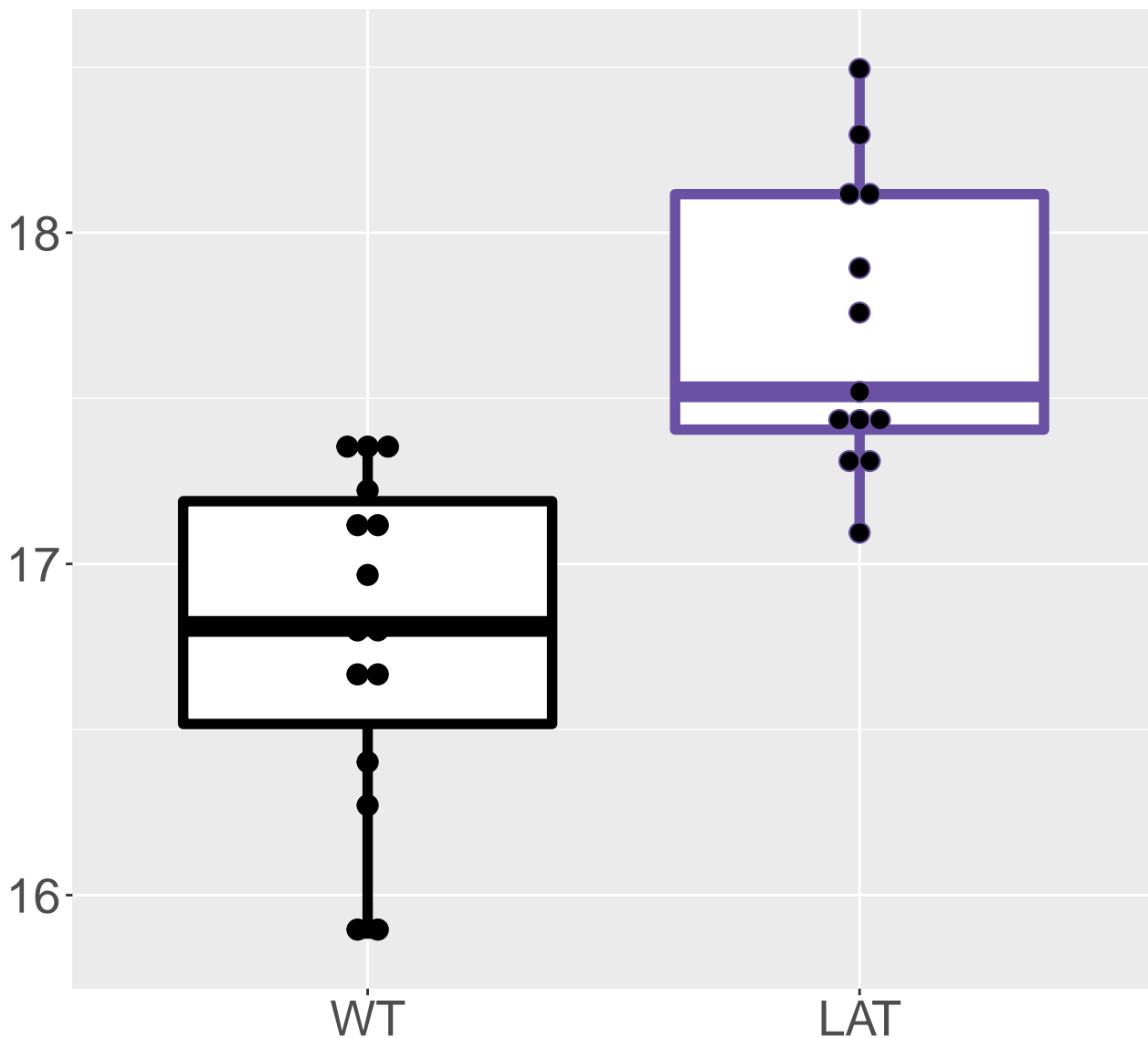
M762.6608T622.46

FDR = $3.2e-05$, FC = 1.2



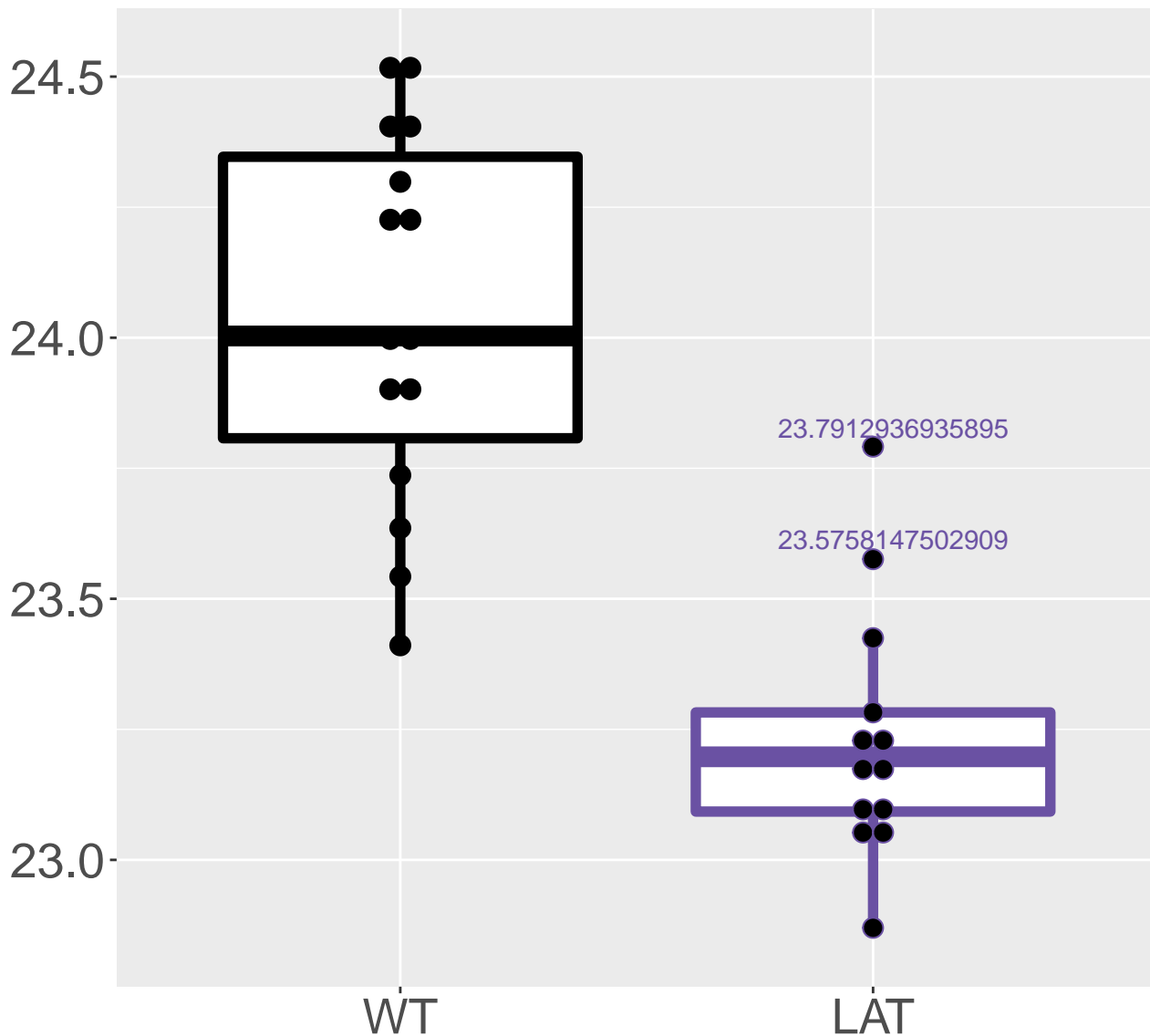
M318.0615T380.97

FDR = $3.2e-05$, FC = 0.92, sex**



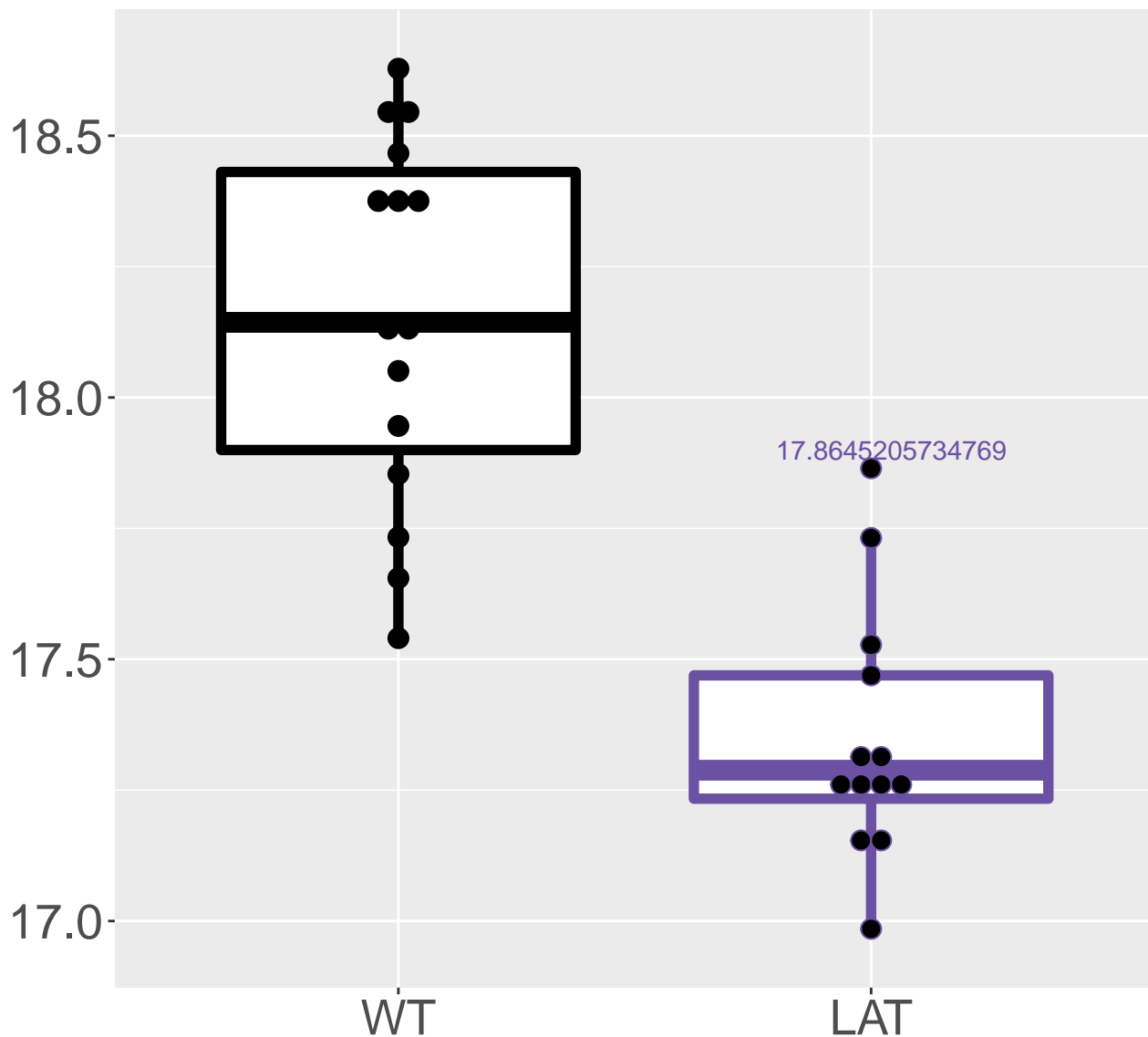
M827.2695T626.66

FDR = $3.2e-05$, FC = -0.81



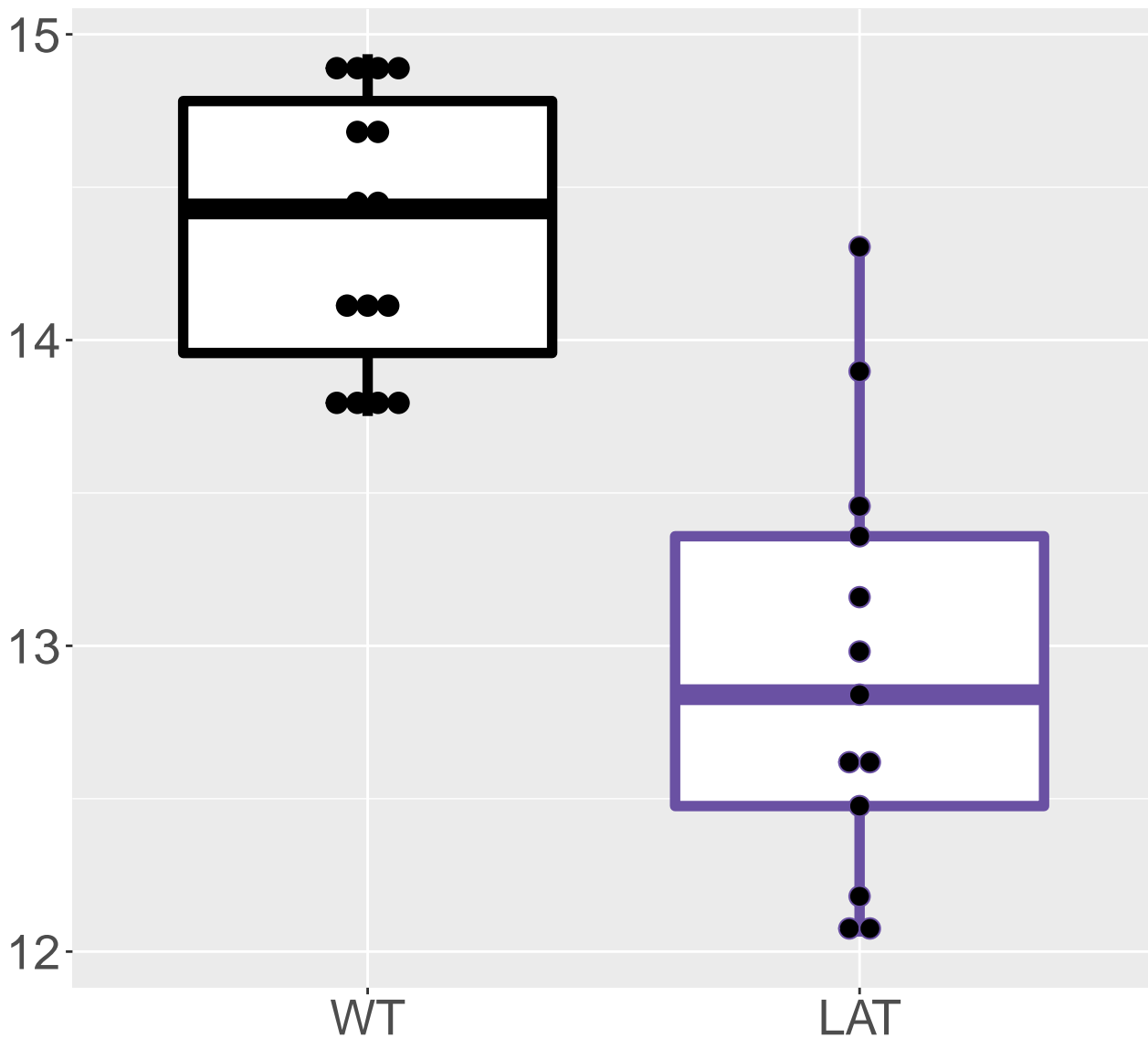
M830.2763T626.54

FDR = $3.2e-05$, FC = -0.81



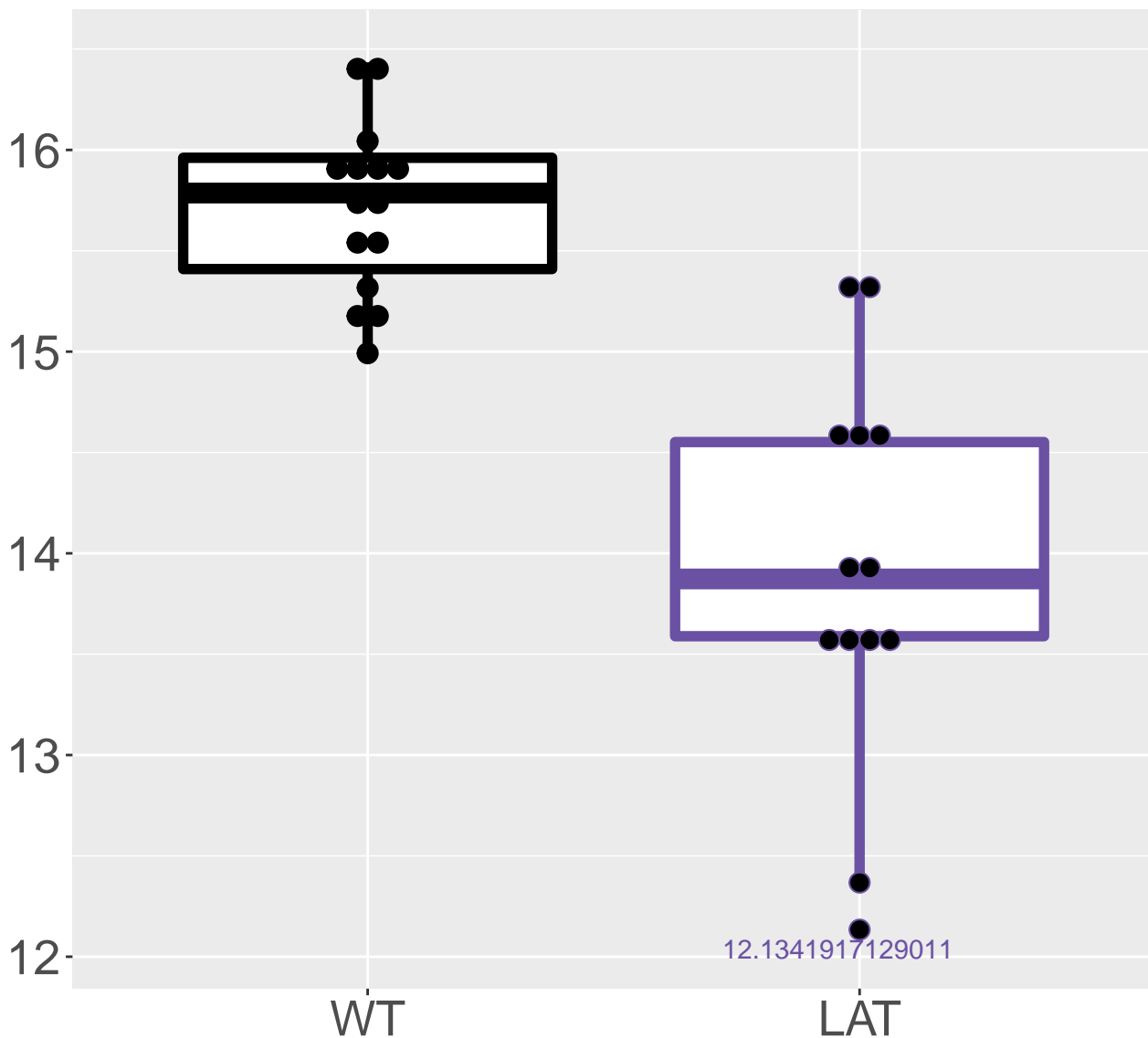
M437.4722T659.64_2

FDR = $3.5e-05$, FC = -1.4



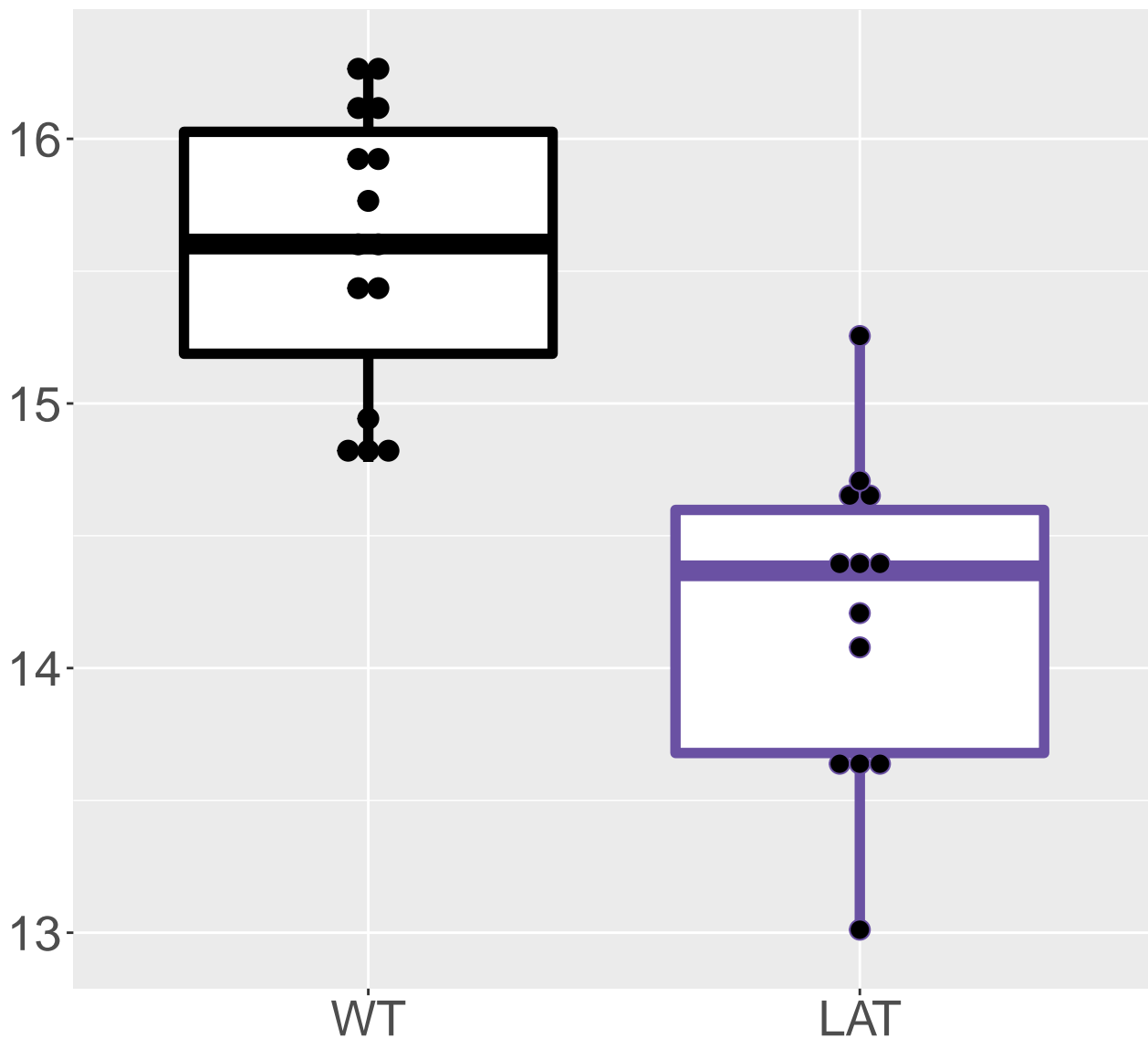
M481.2409T177.4

FDR = $3.5e-05$, FC = -1.8

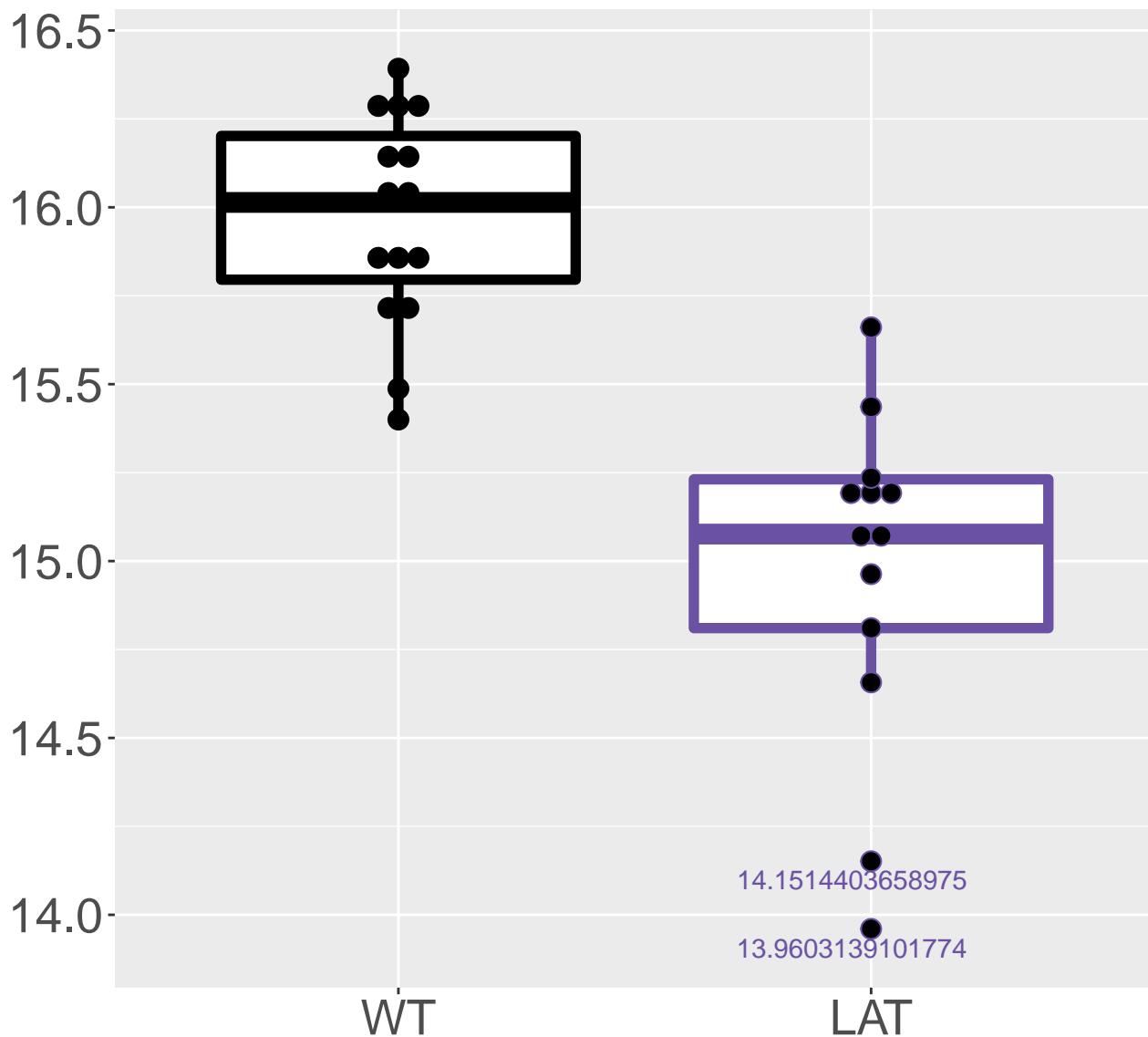


M478.1685T517.12

FDR = $3.5e-05$, FC = -1.4

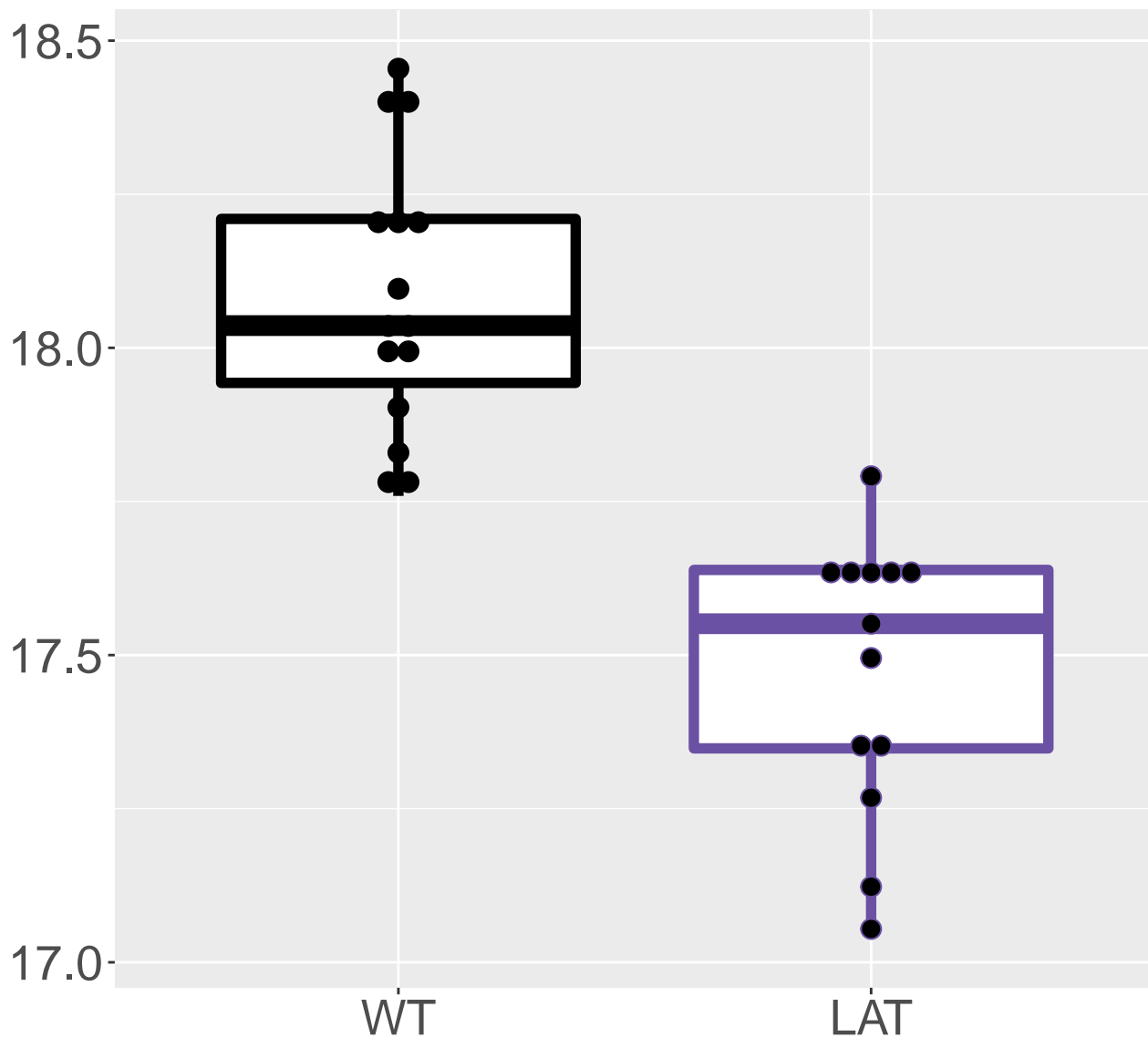


M876.7579T626.89_1
FDR = 3.5e-05, FC = -1



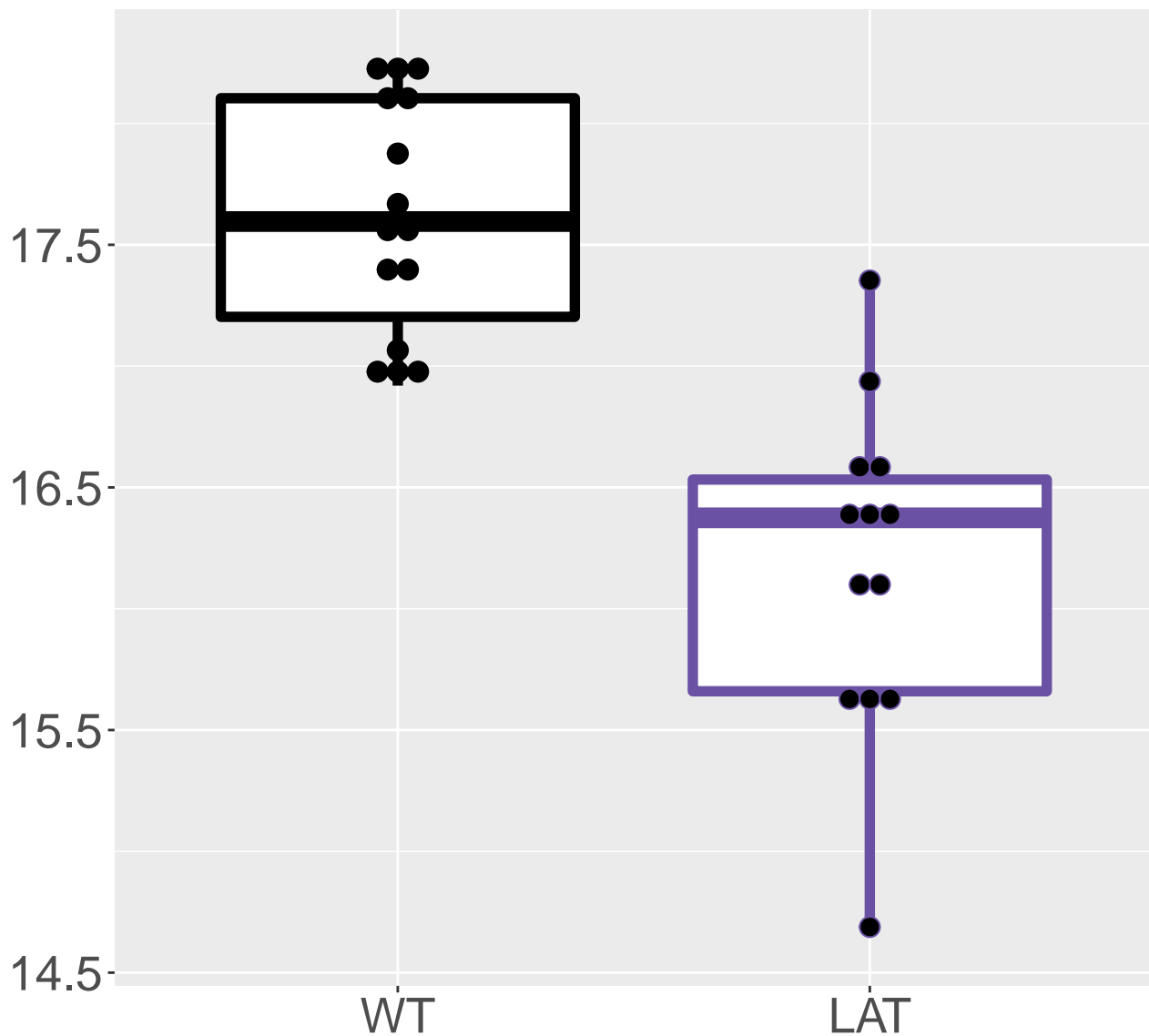
M289.0682T583.19

FDR = $3.5e-05$, FC = -0.61

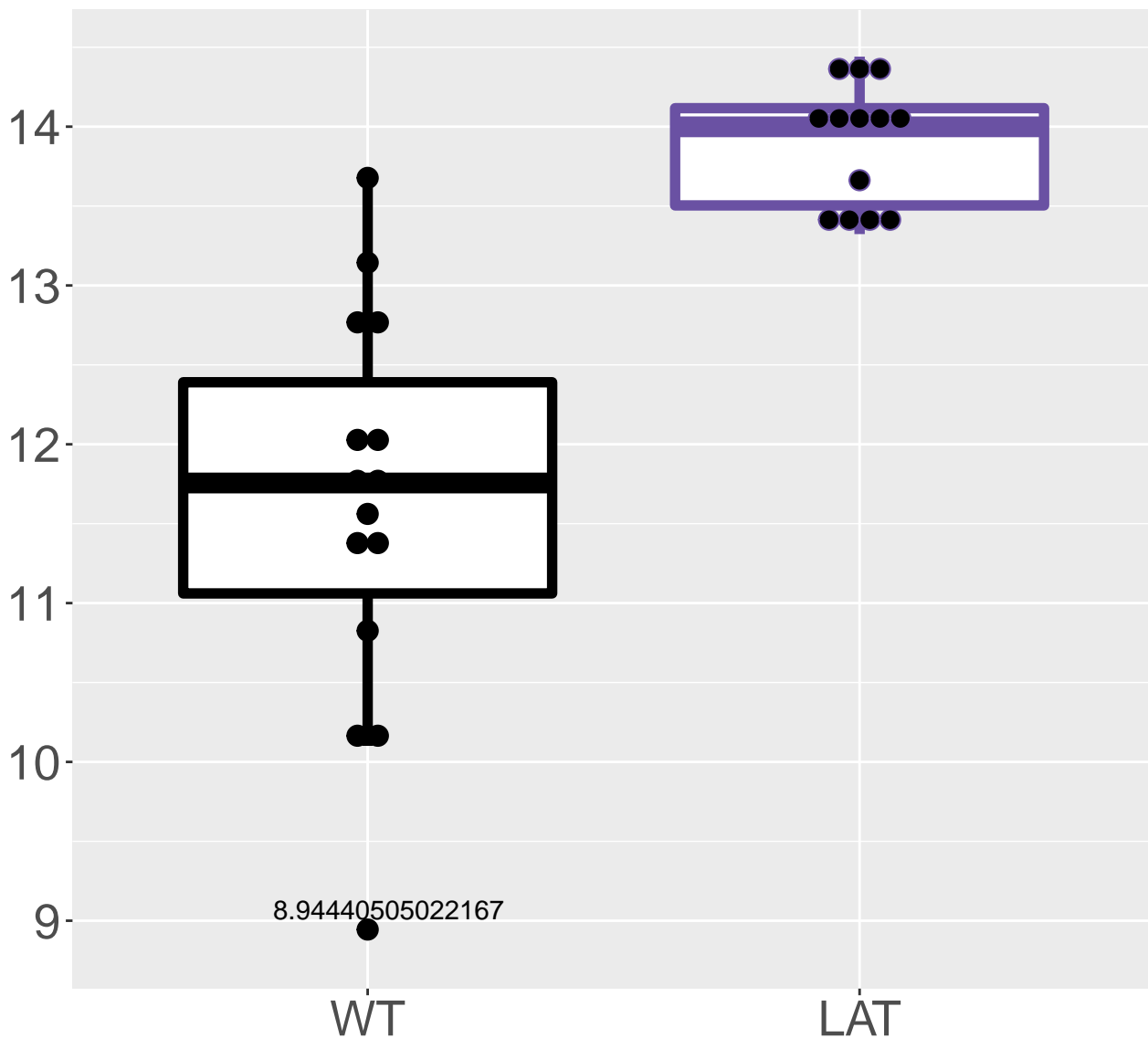


M698.1322T556.49

FDR = $3.6e-05$, FC = -1.4

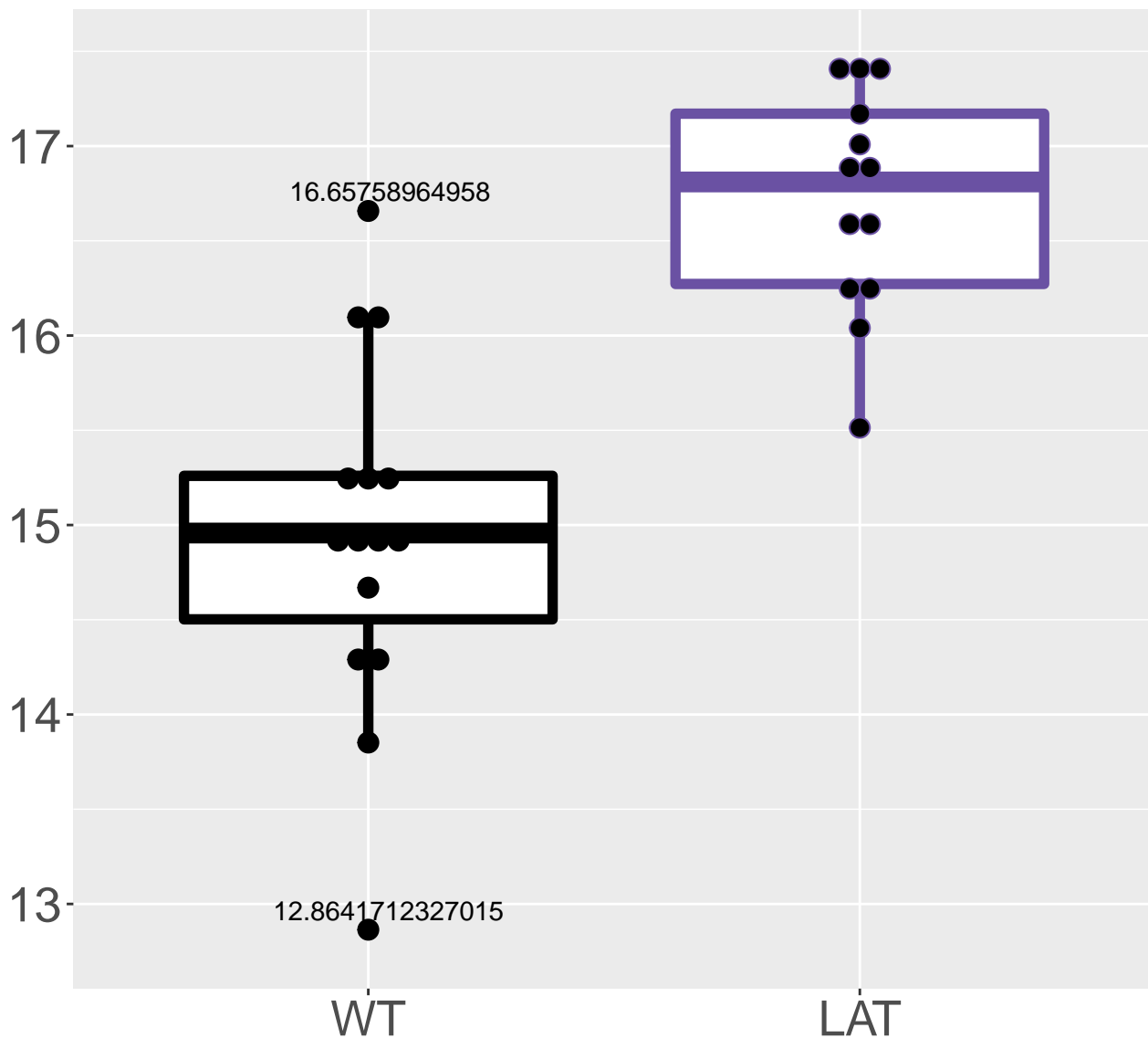


FDR = 4.1e-05, FC = 2.3



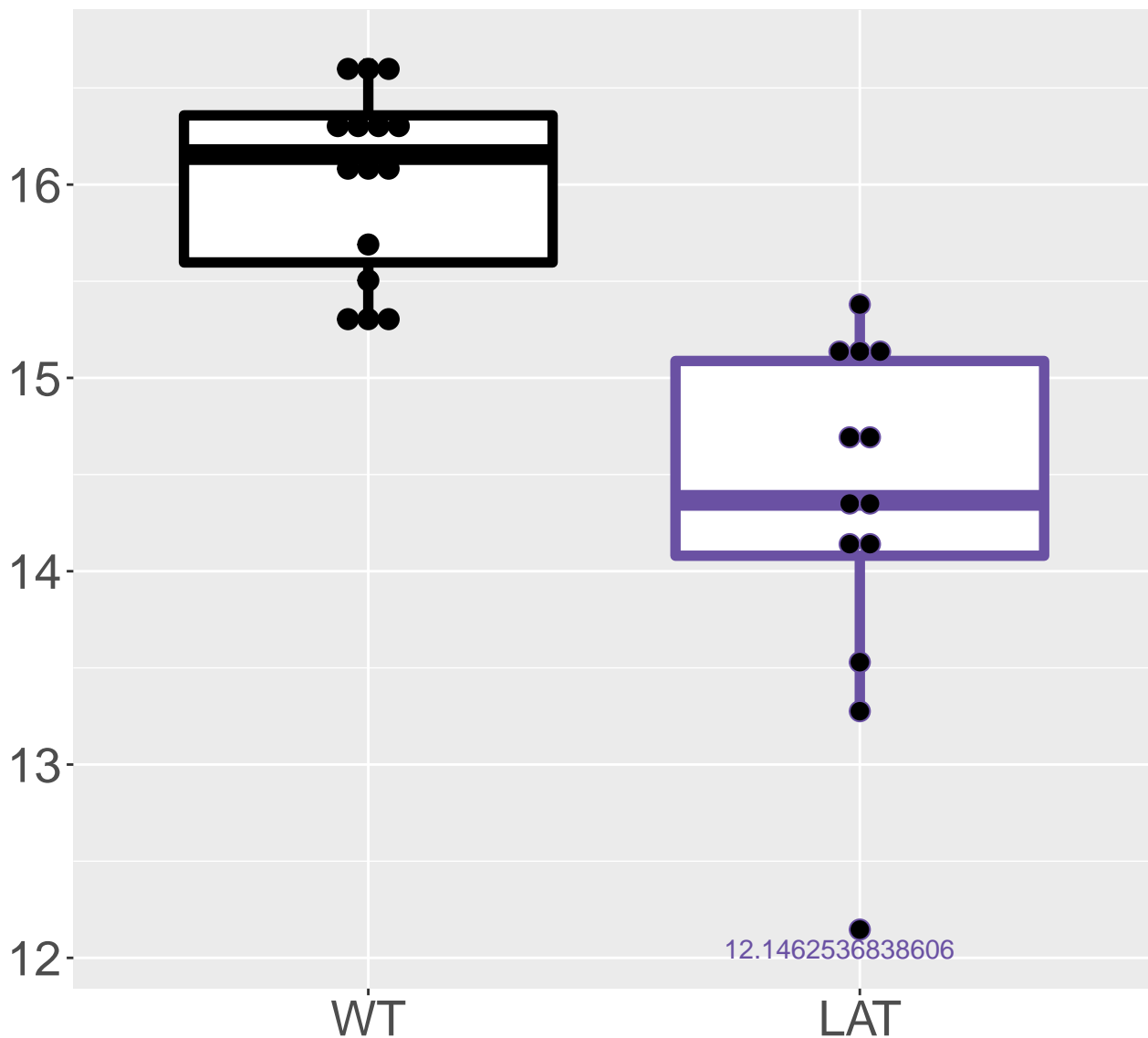
M214.9965T586.66

FDR = $4.3e-05$, FC = 1.8



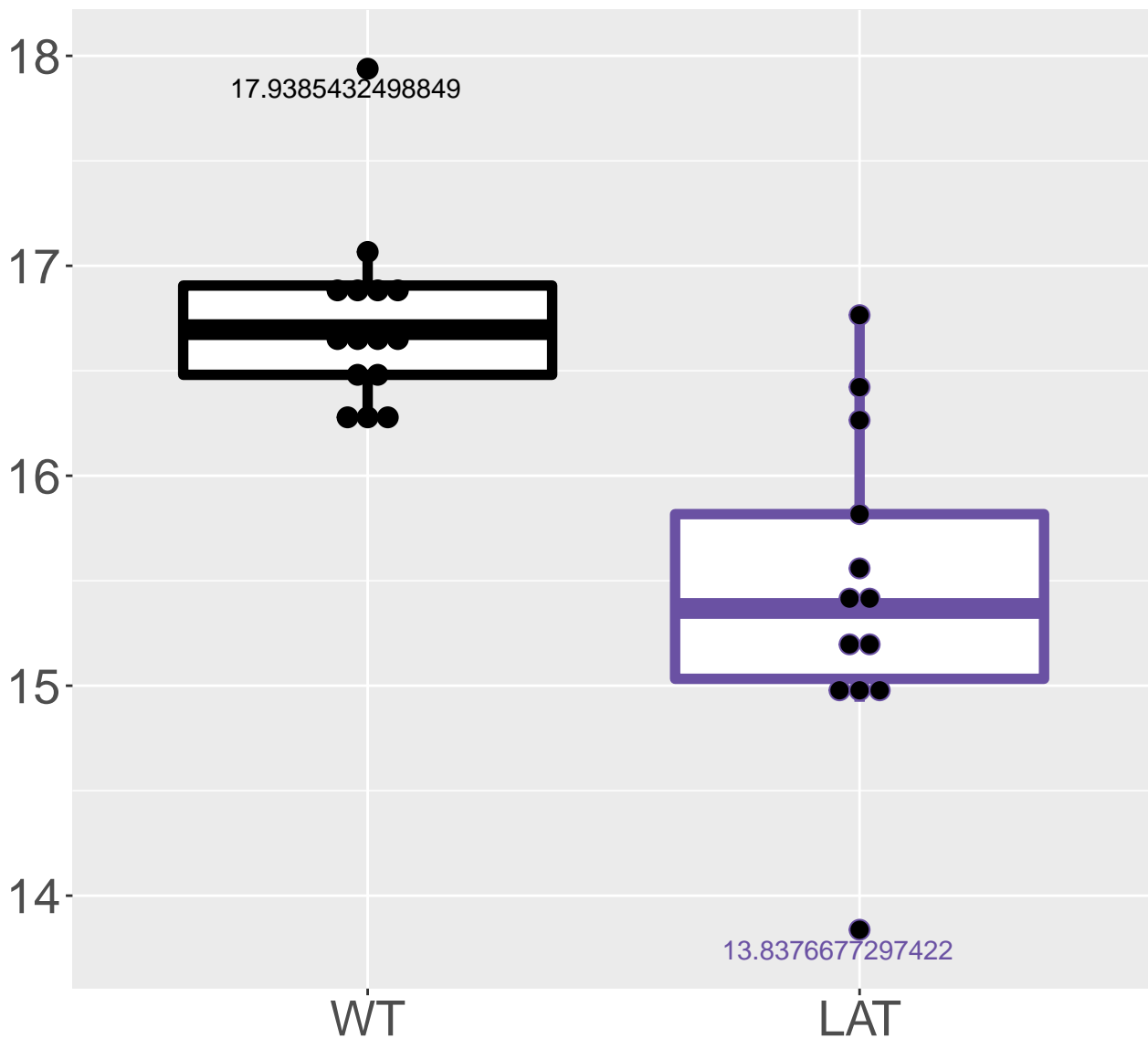
M812.2682T565.34

FDR = $4.4e-05$, FC = -1.7



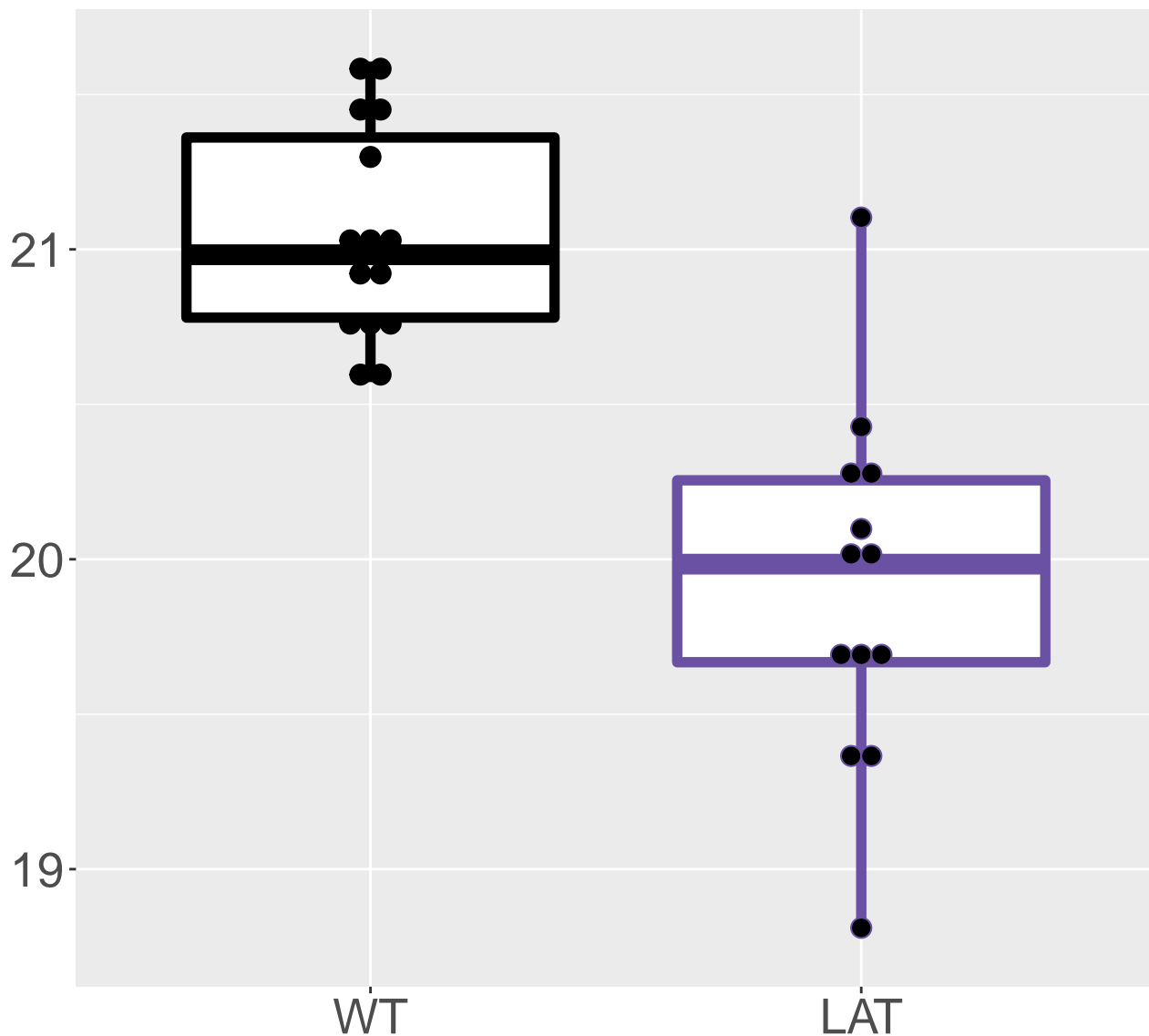
M105.9203T142.09

FDR = $4.4e-05$, FC = -1.3



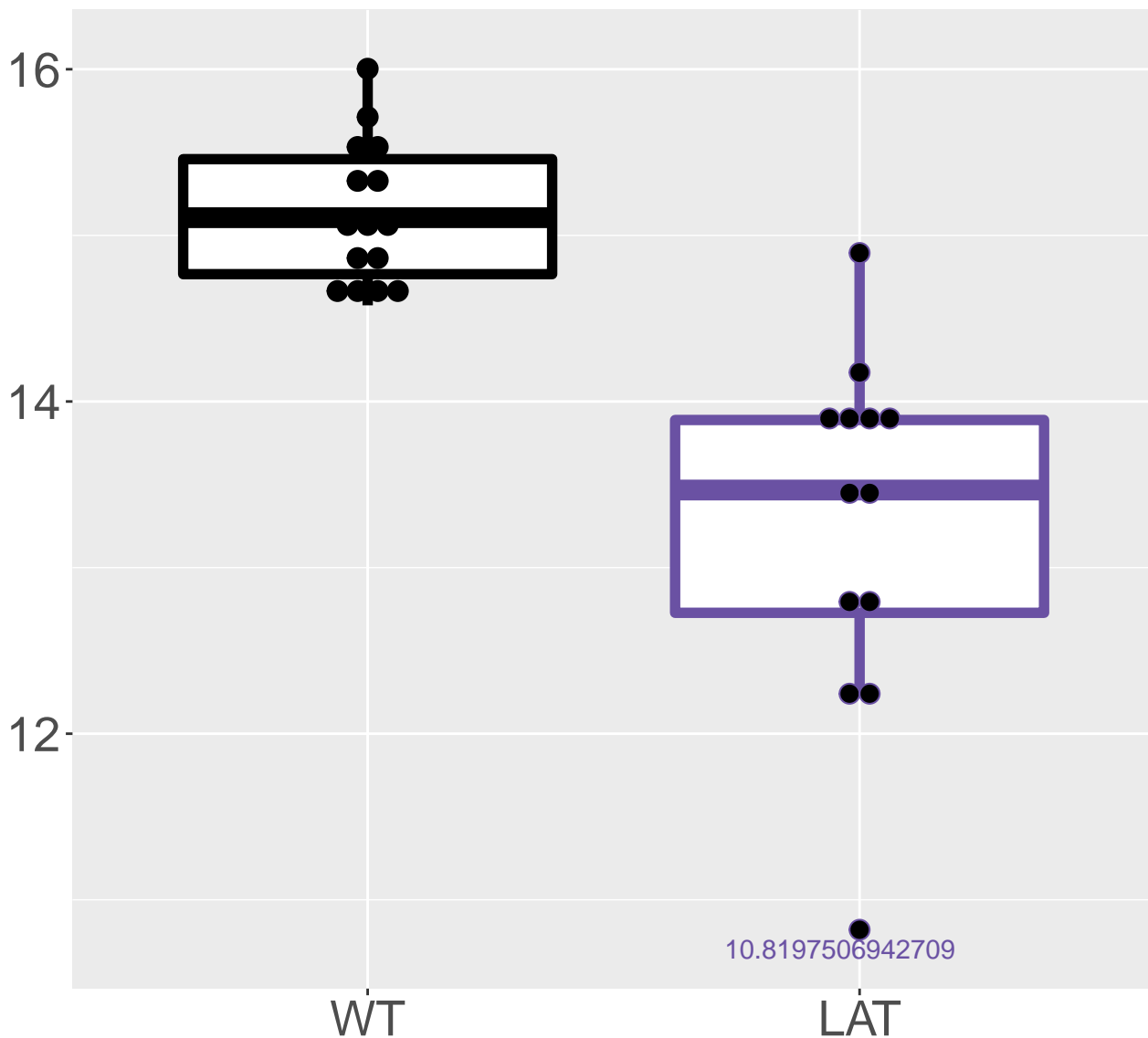
M340.1253T512.25

FDR = $4.5e-05$, FC = -1.1



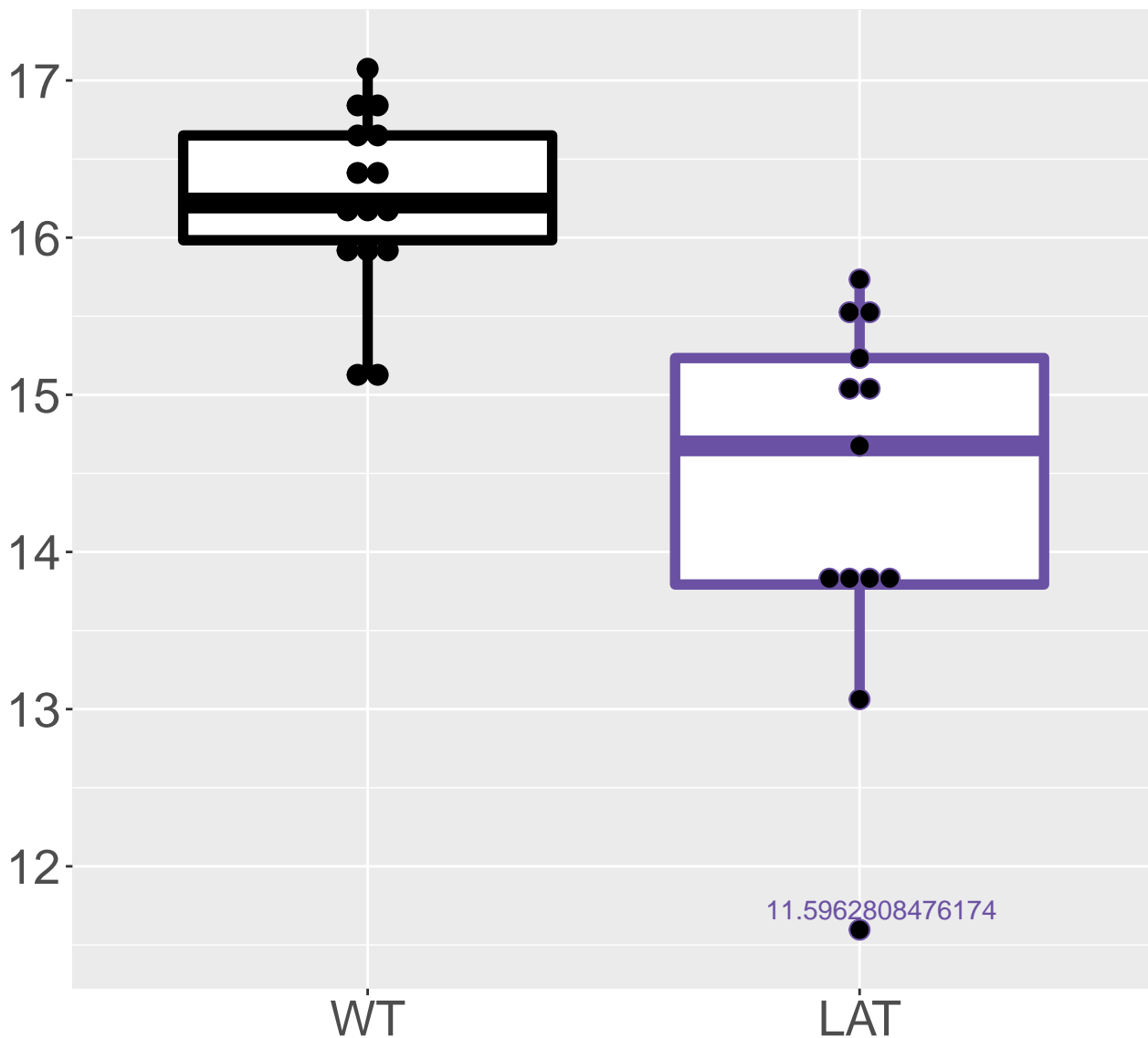
M543.2523T518.04

FDR = $4.7e-05$, FC = -1.9



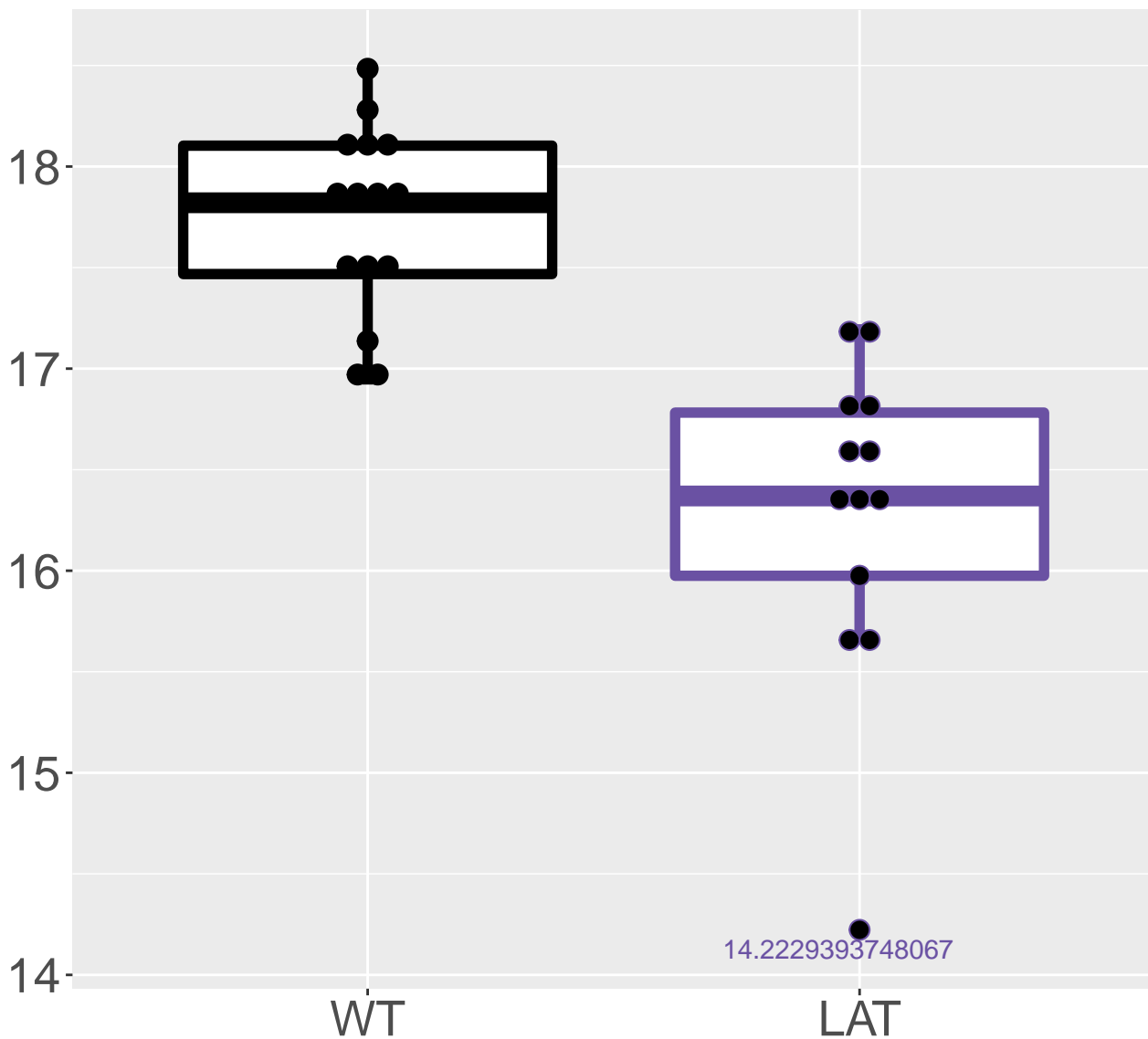
M316.1054T325.73

FDR = 4.8e-05, FC = -1.9, sex*



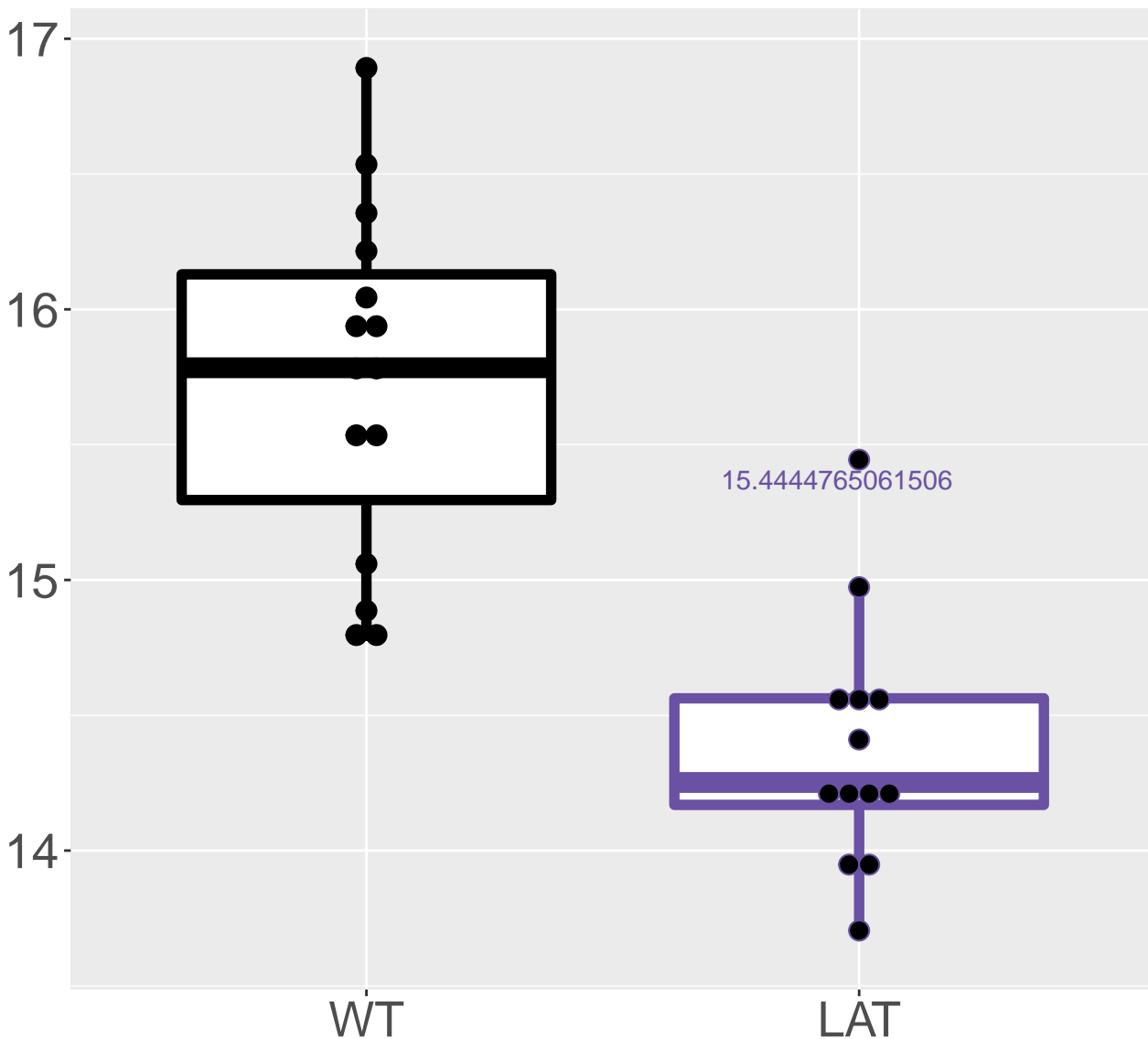
M499.2151T331.16

FDR = $4.8e-05$, FC = -1.5



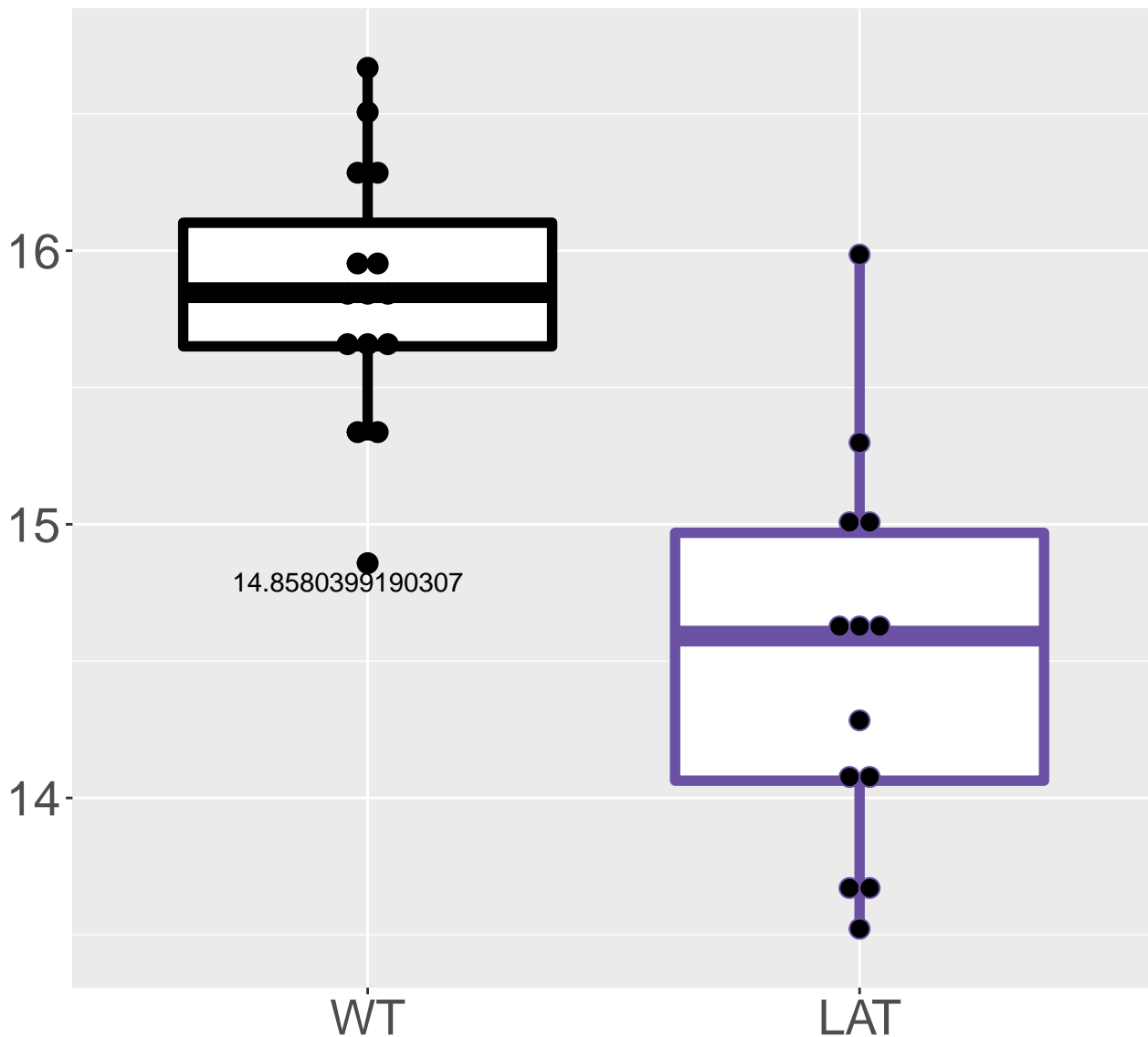
M444.642T625.75

FDR = $4.8e-05$, FC = -1.4



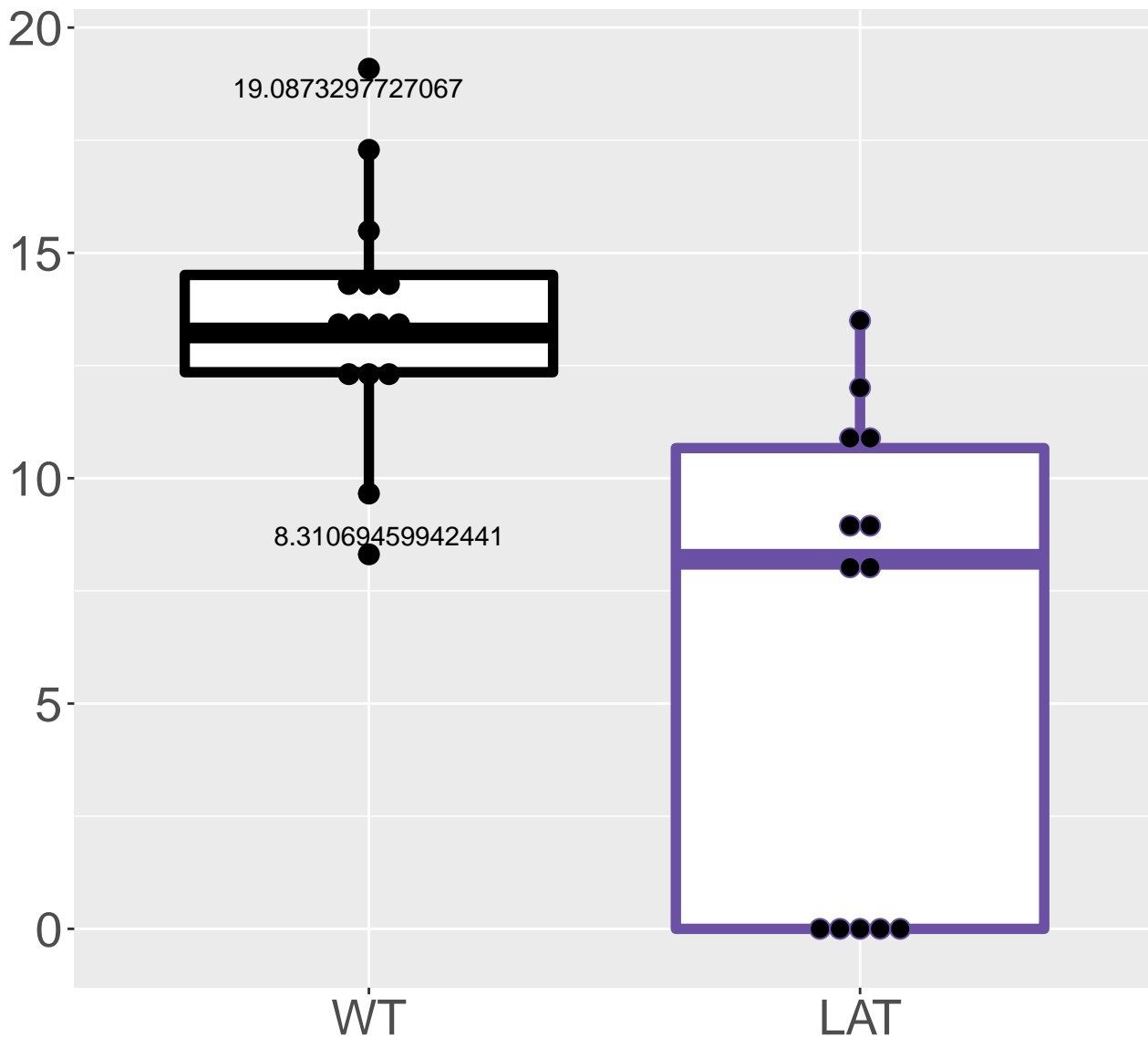
M793.3105T632.63

FDR = $4.8e-05$, FC = -1.3



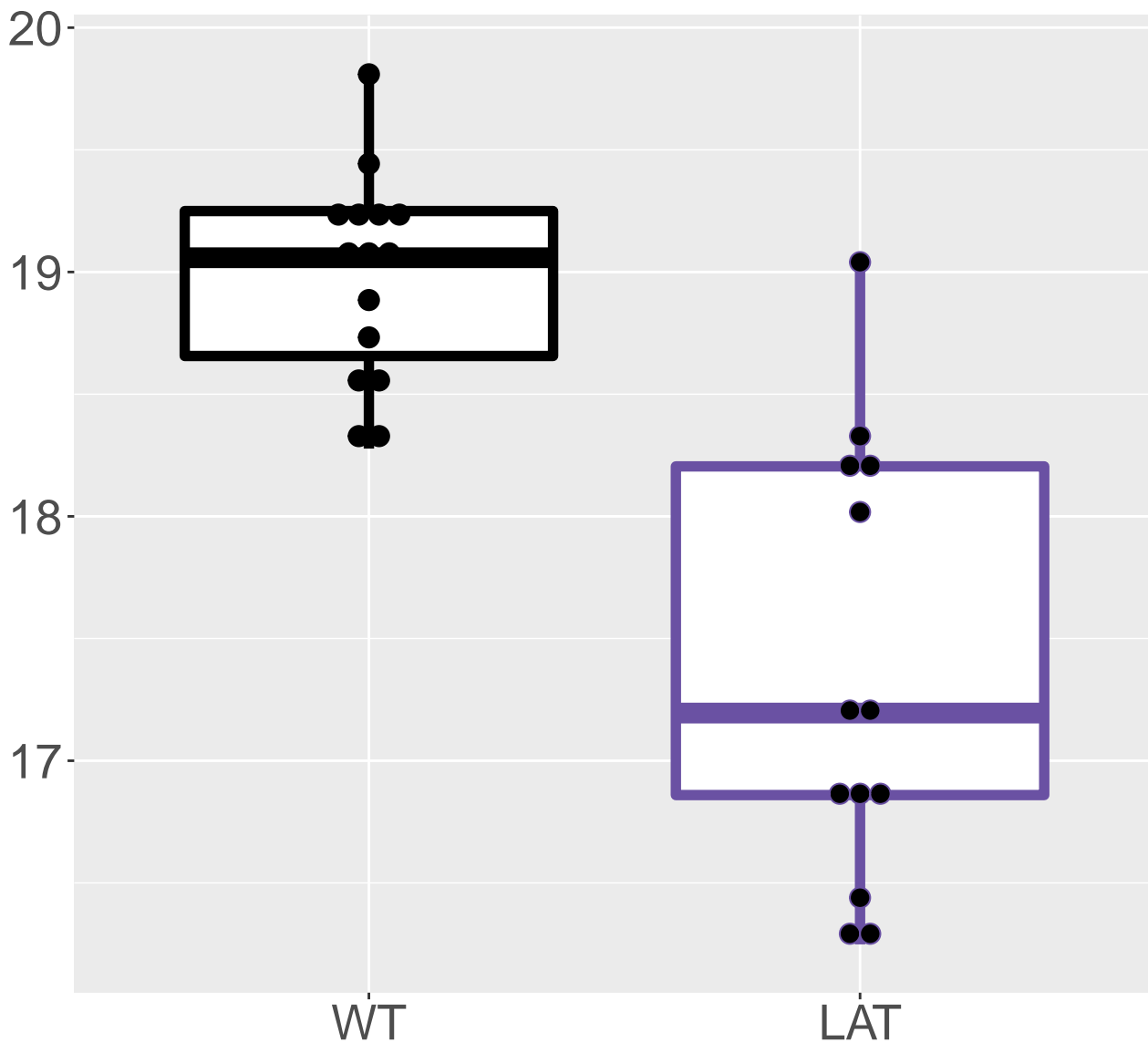
M367.0822T137.07

FDR = $4.8e-05$, FC = -7.3 , sex**

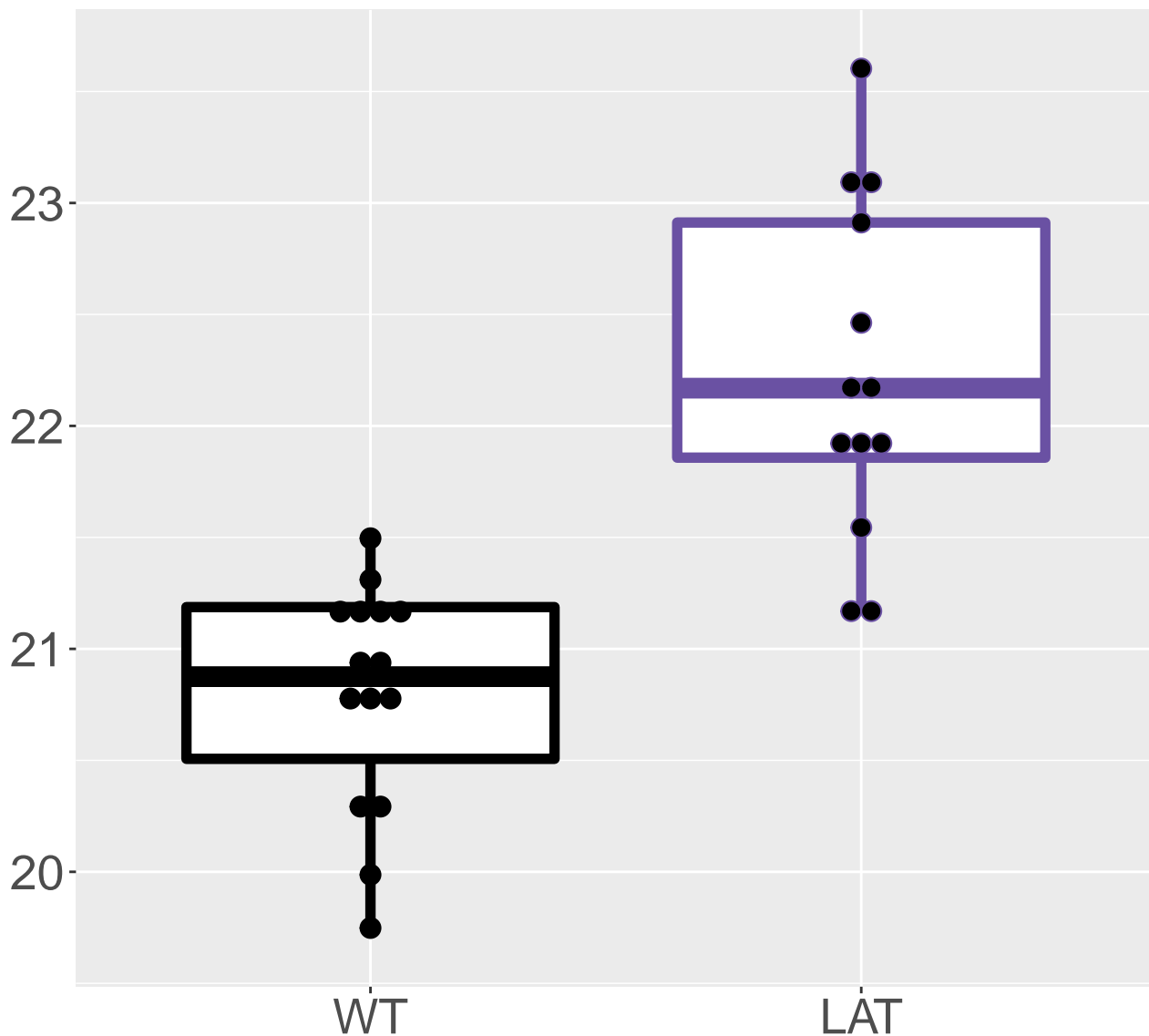


M454.1937T358.76

FDR = $4.8e-05$, FC = -1.6

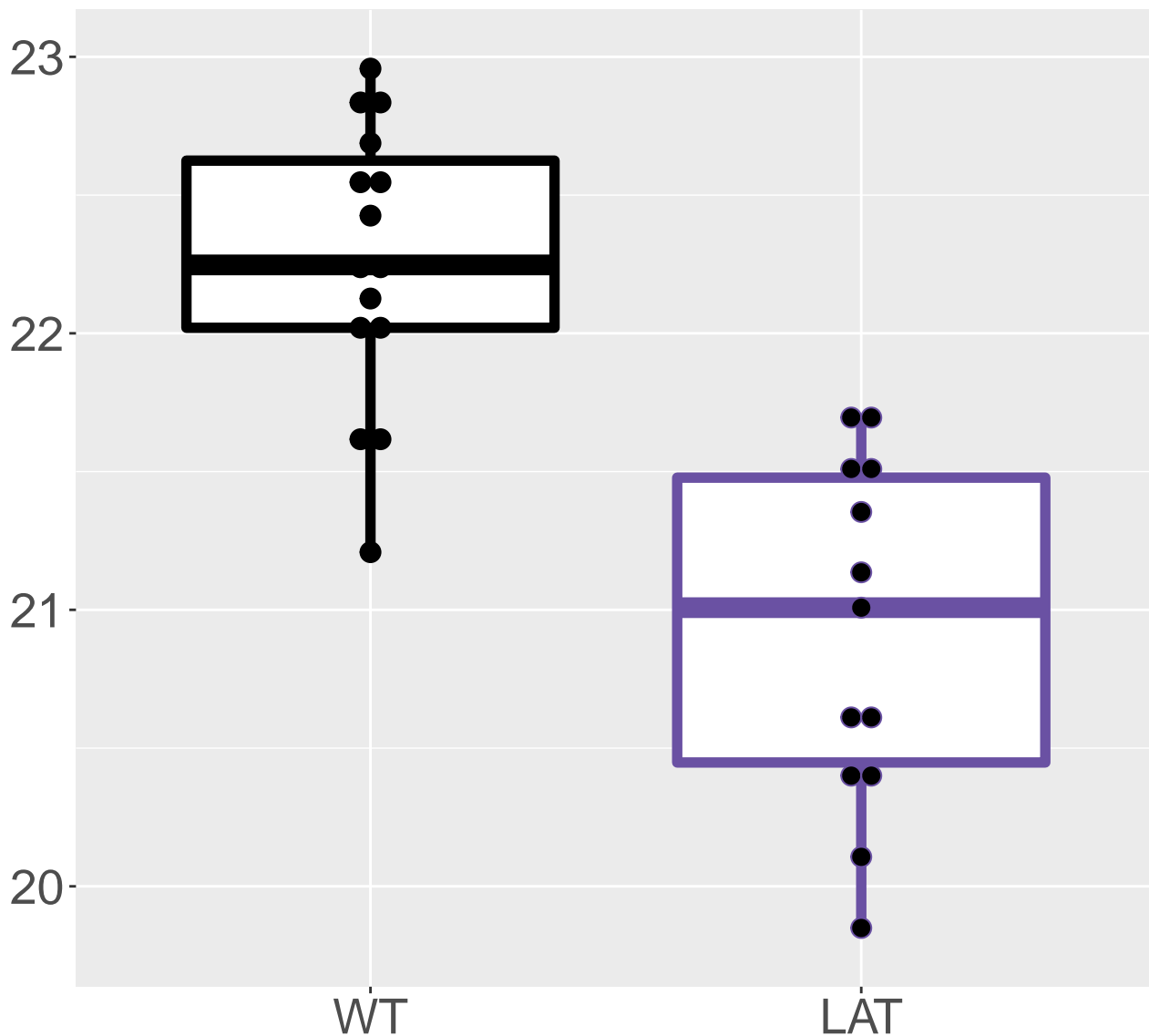


N-Acetyl-L-methionine
FDR = 4.8e-05, FC = 1.4



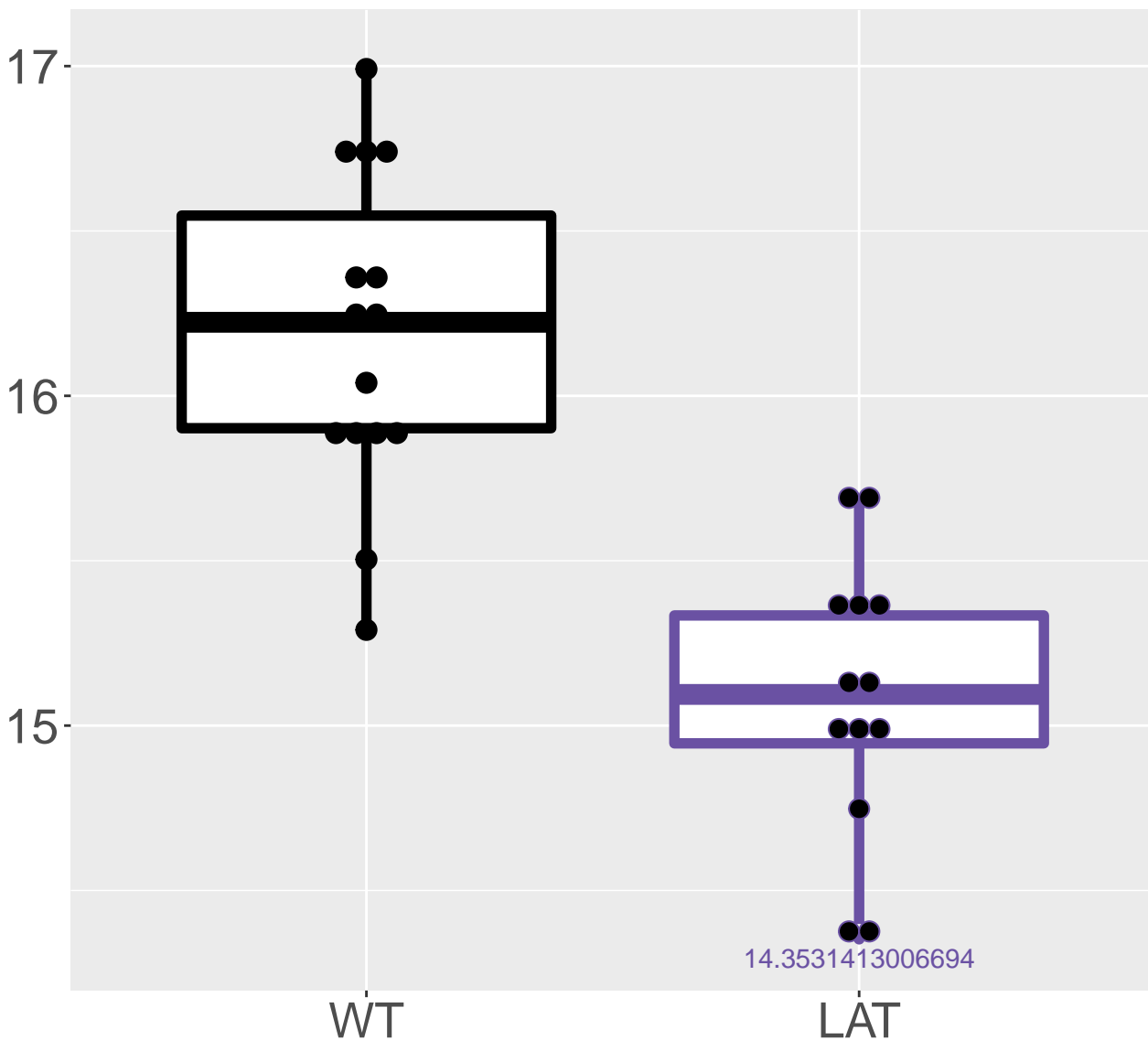
M298.0701T538.81

FDR = $4.8e-05$, FC = -1.3



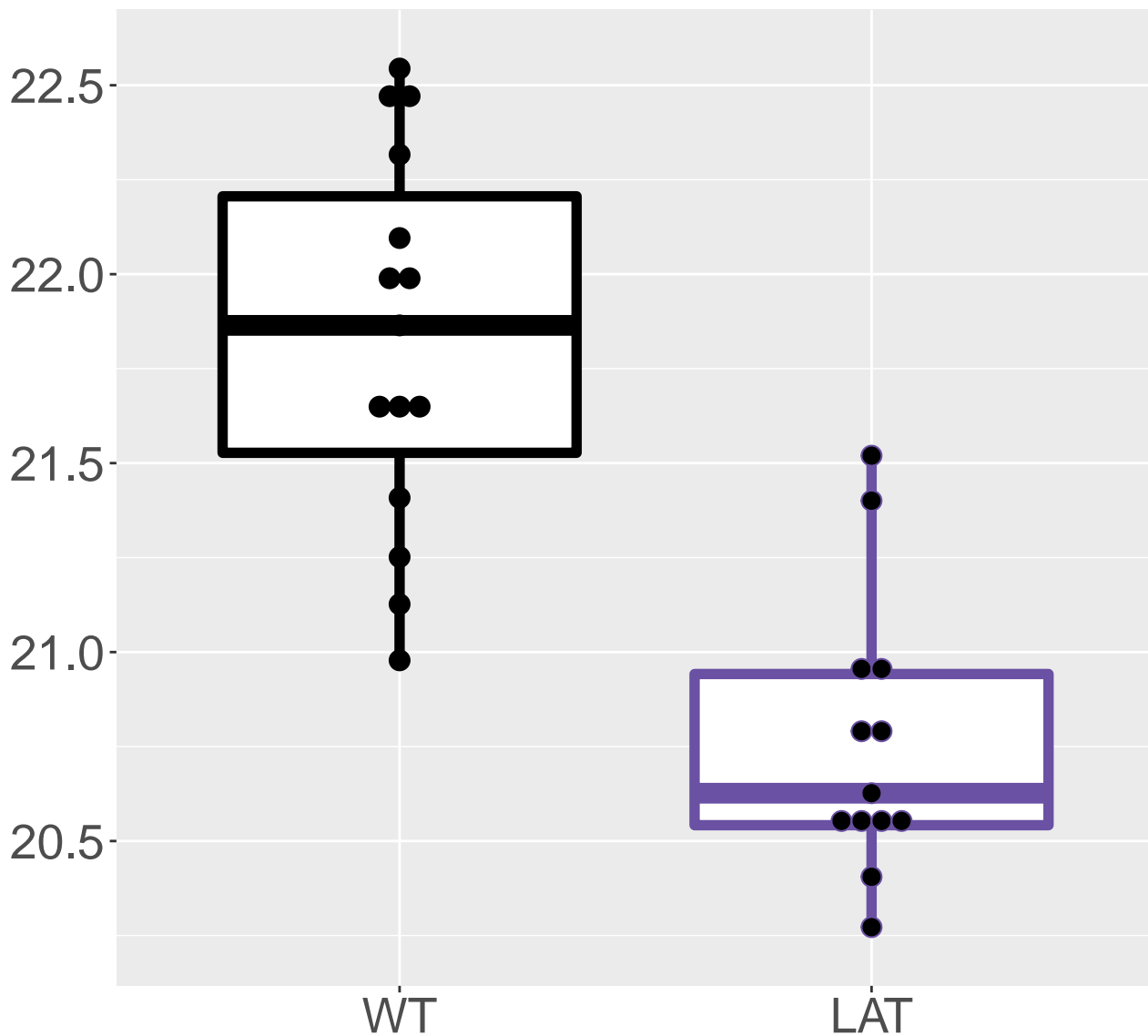
M722.2367T575.31

FDR = $4.9e-05$, FC = -1.1

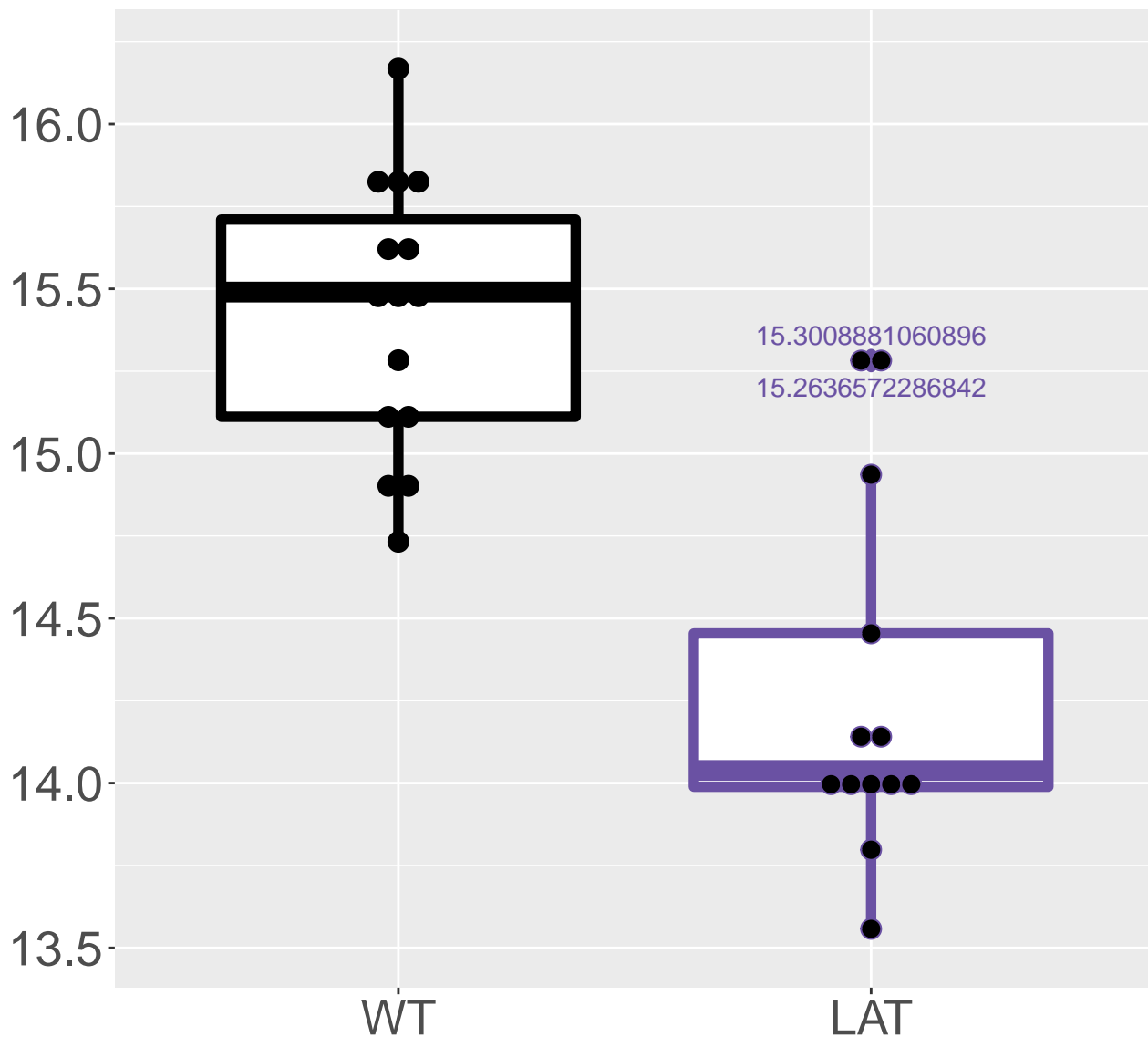


M413.1309T626.1

FDR = 5.1e-05, FC = -1.1

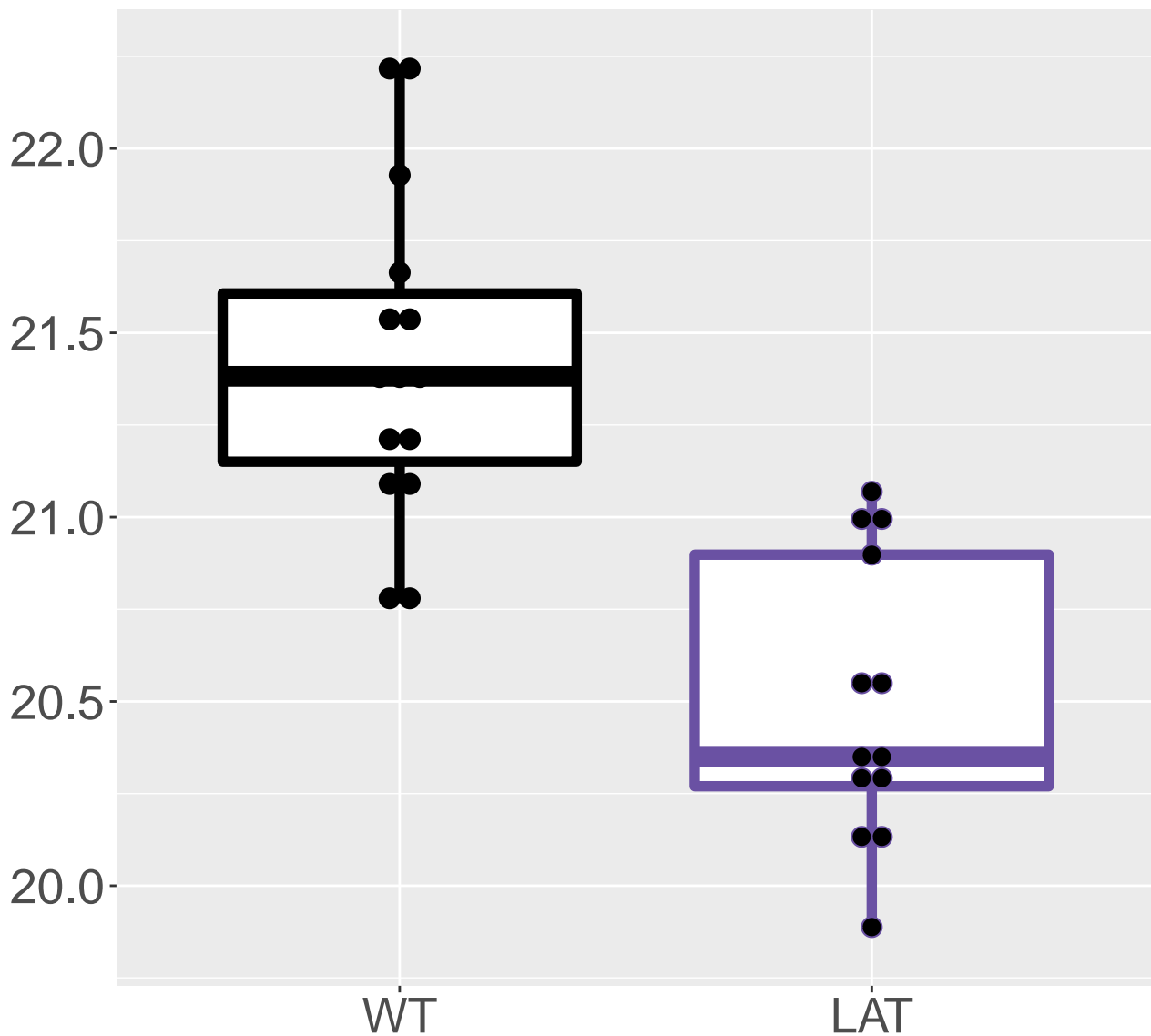


M768.2362T667.6_2
FDR = 5.1e-05, FC = -1.1



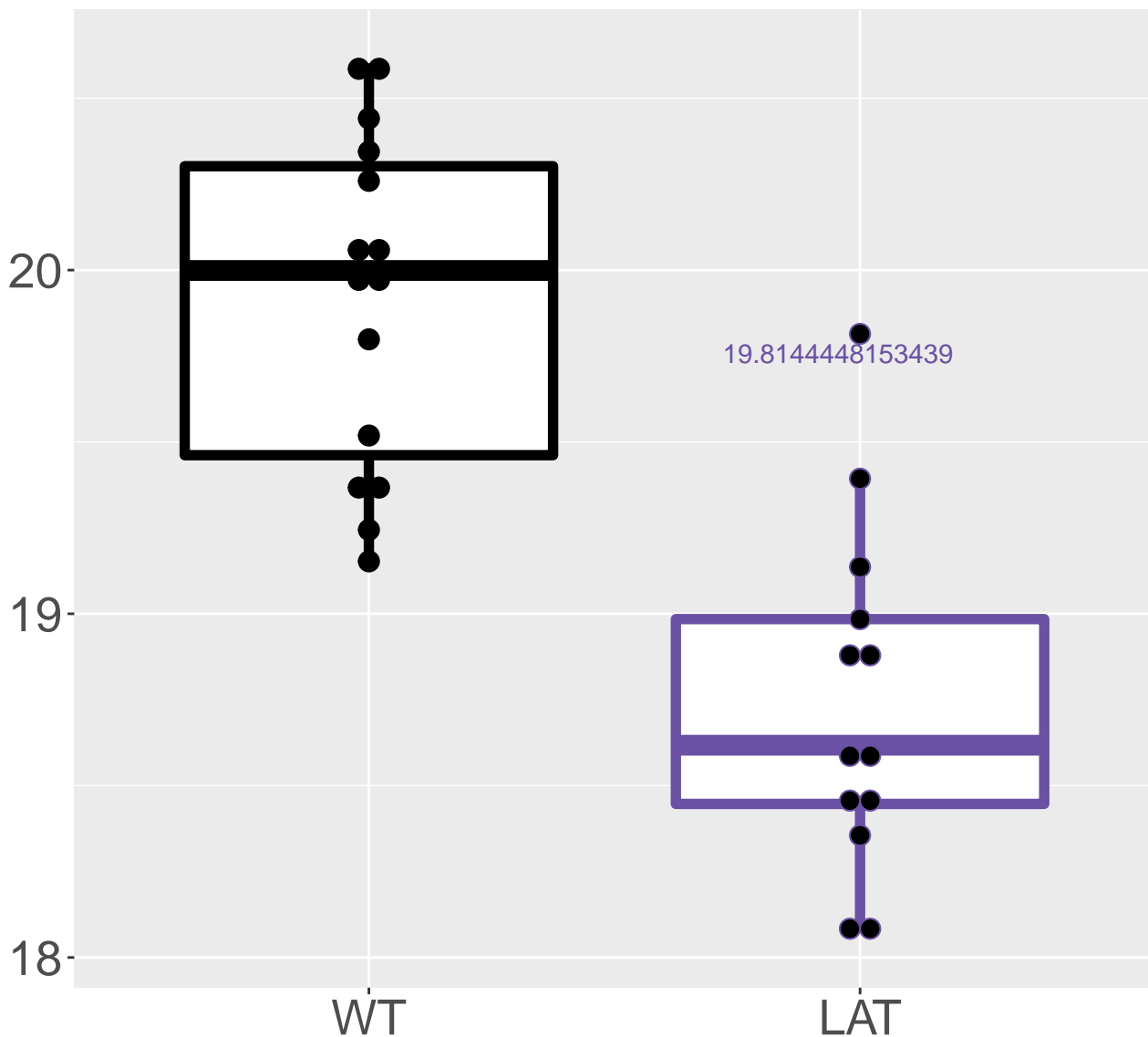
M219.1069T206.02

FDR = $5.1\text{e-}05$, FC = -0.93



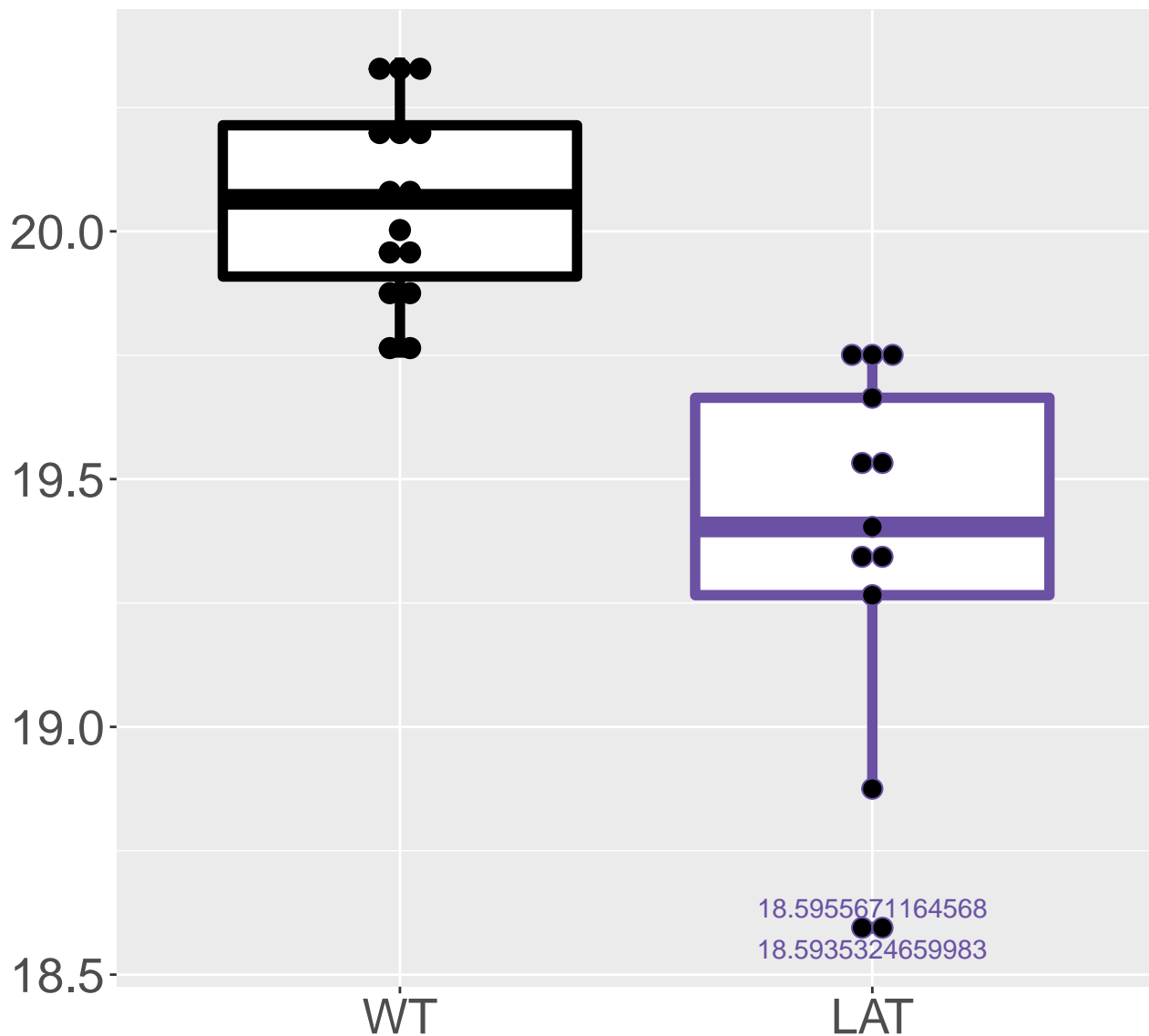
M502.1785T559.76

FDR = $5.4e-05$, FC = -1.2



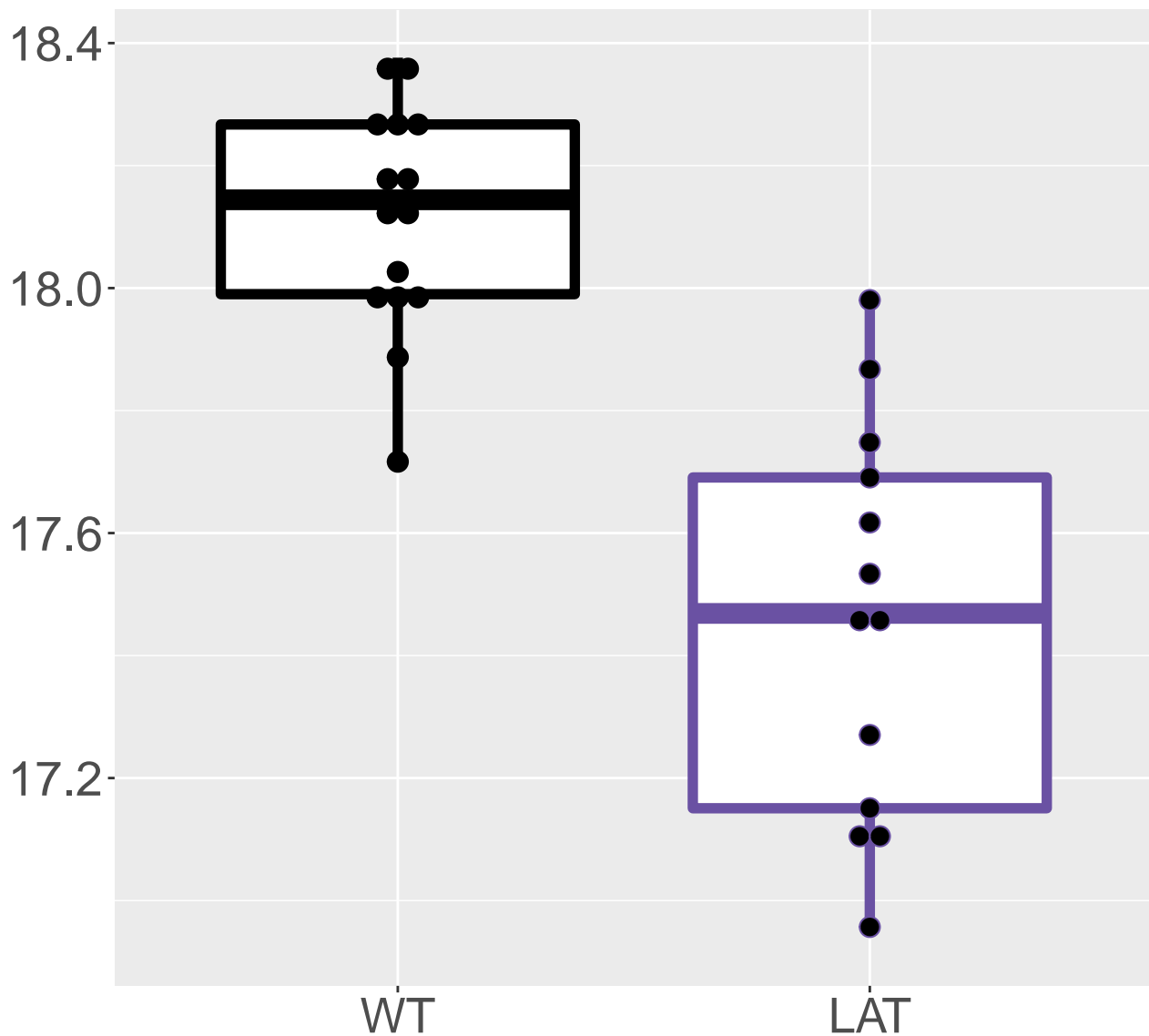
M204.0858T240.08

FDR = $5.4e-05$, FC = -0.73



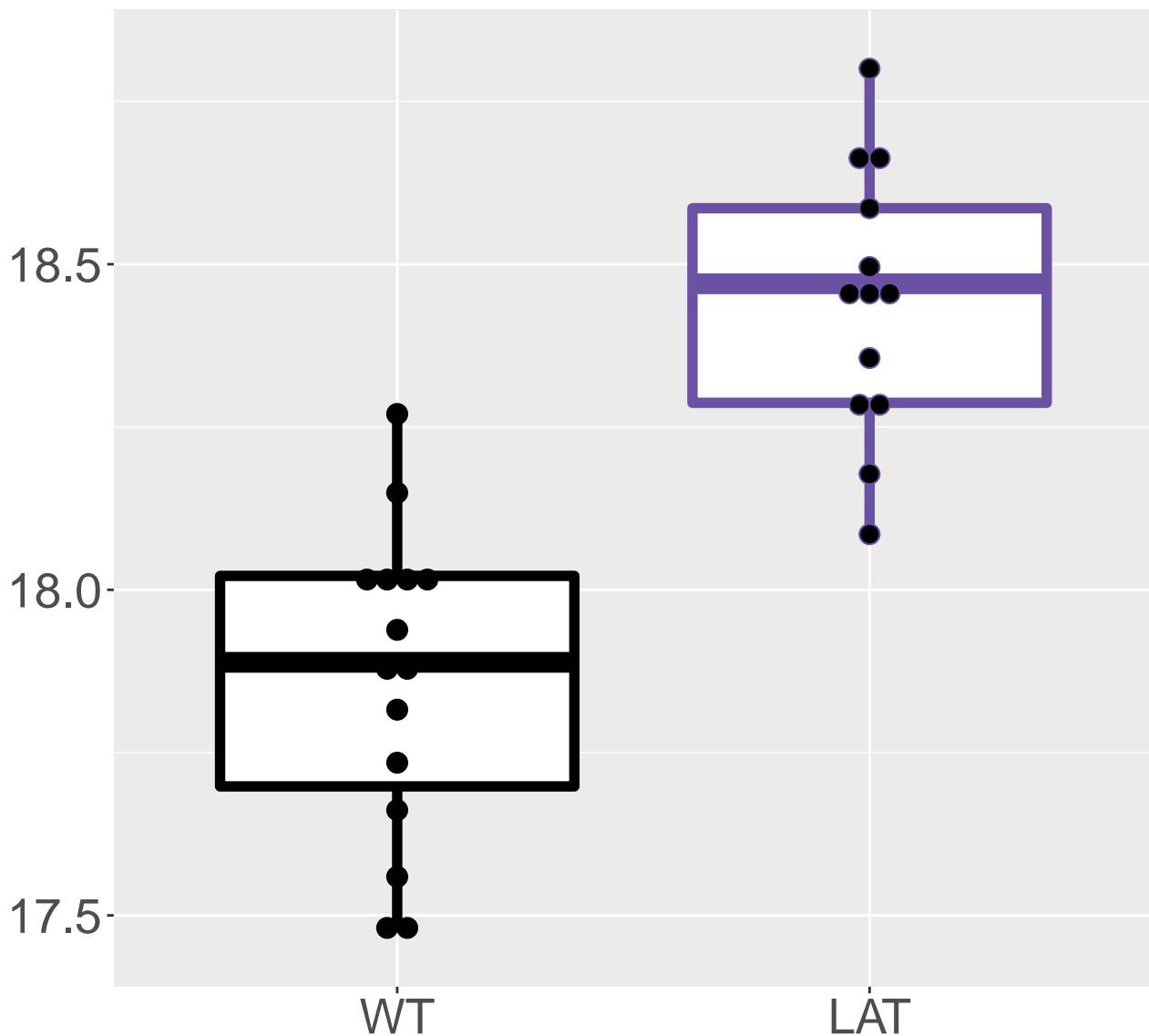
M623.1684T578.02

FDR = $5.4e-05$, FC = -0.66



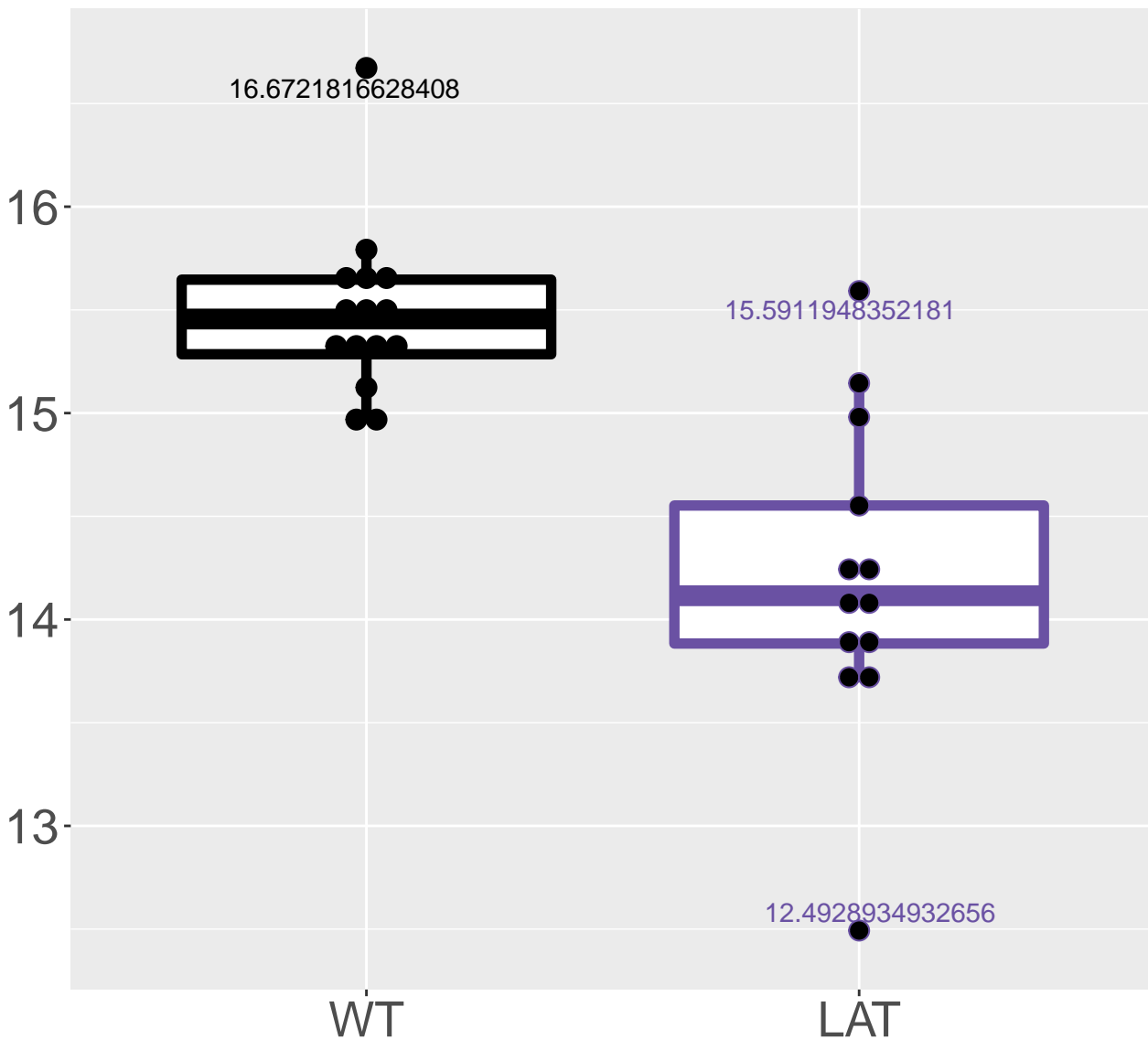
M414.1273T310.43

FDR = 5.4e-05, FC = 0.58

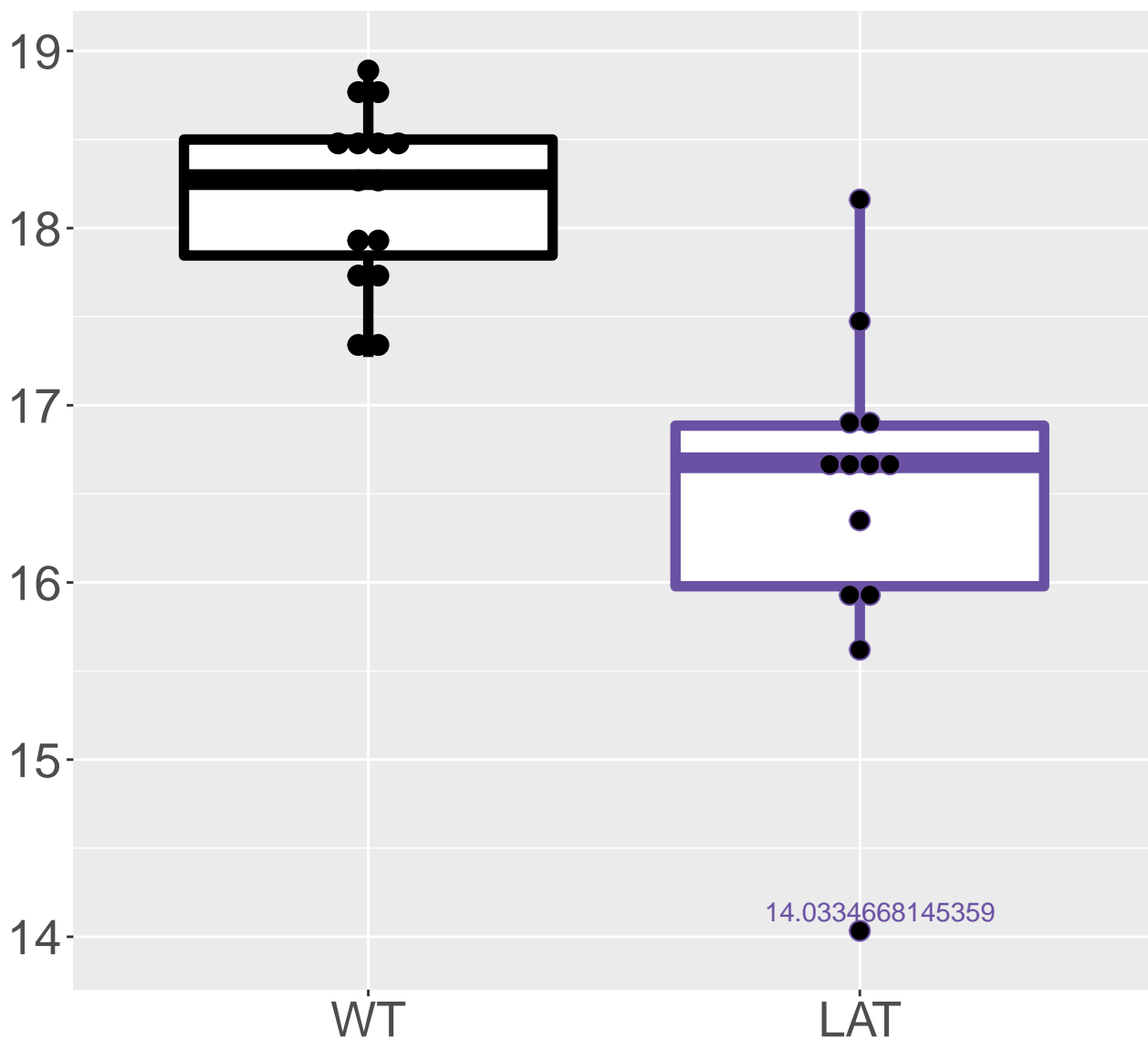


M103.9211T142.32

FDR = $5.4e-05$, FC = -1.3

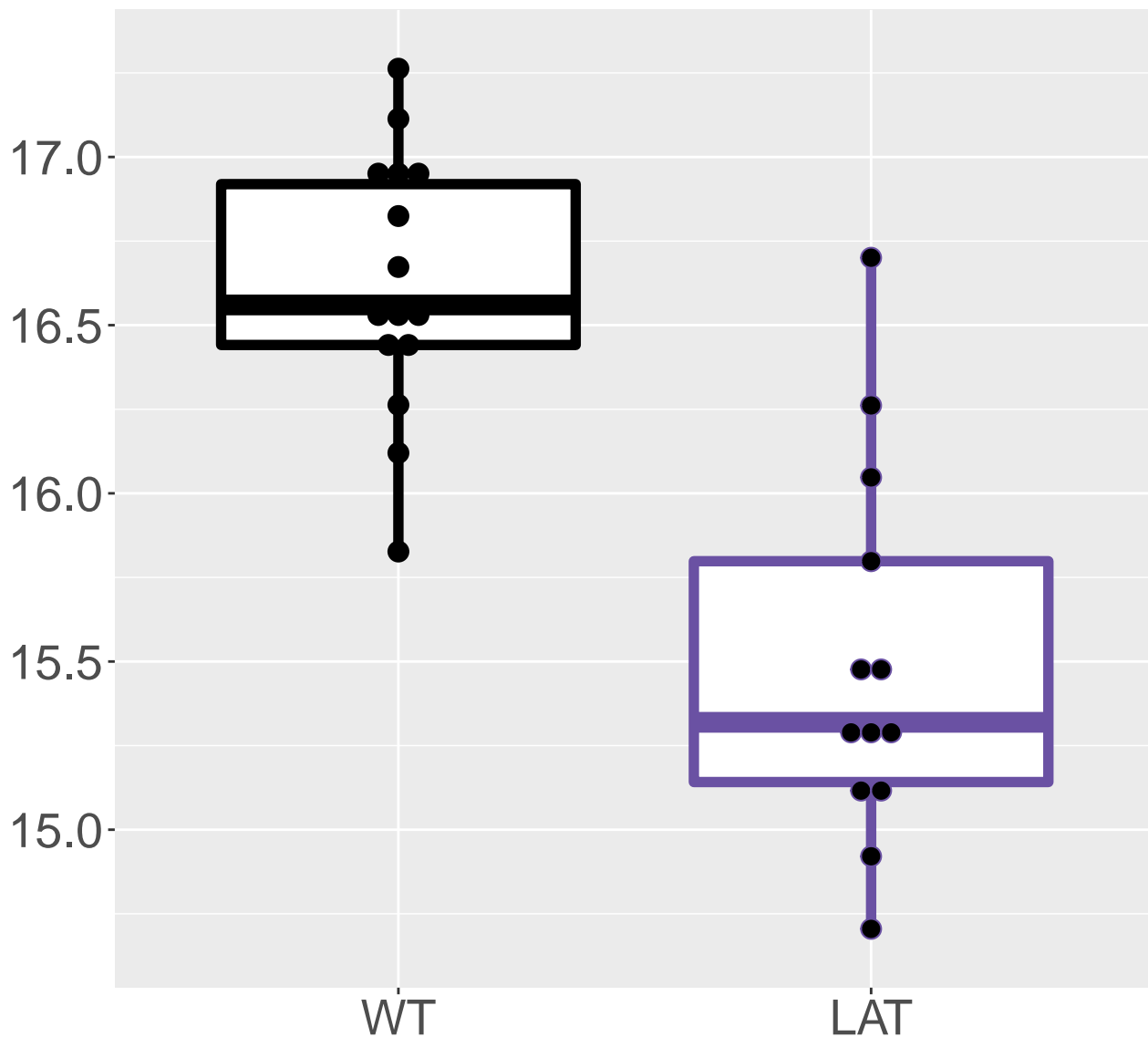


M566.1576T577.74_1
FDR = 5.5e-05, FC = -1.7



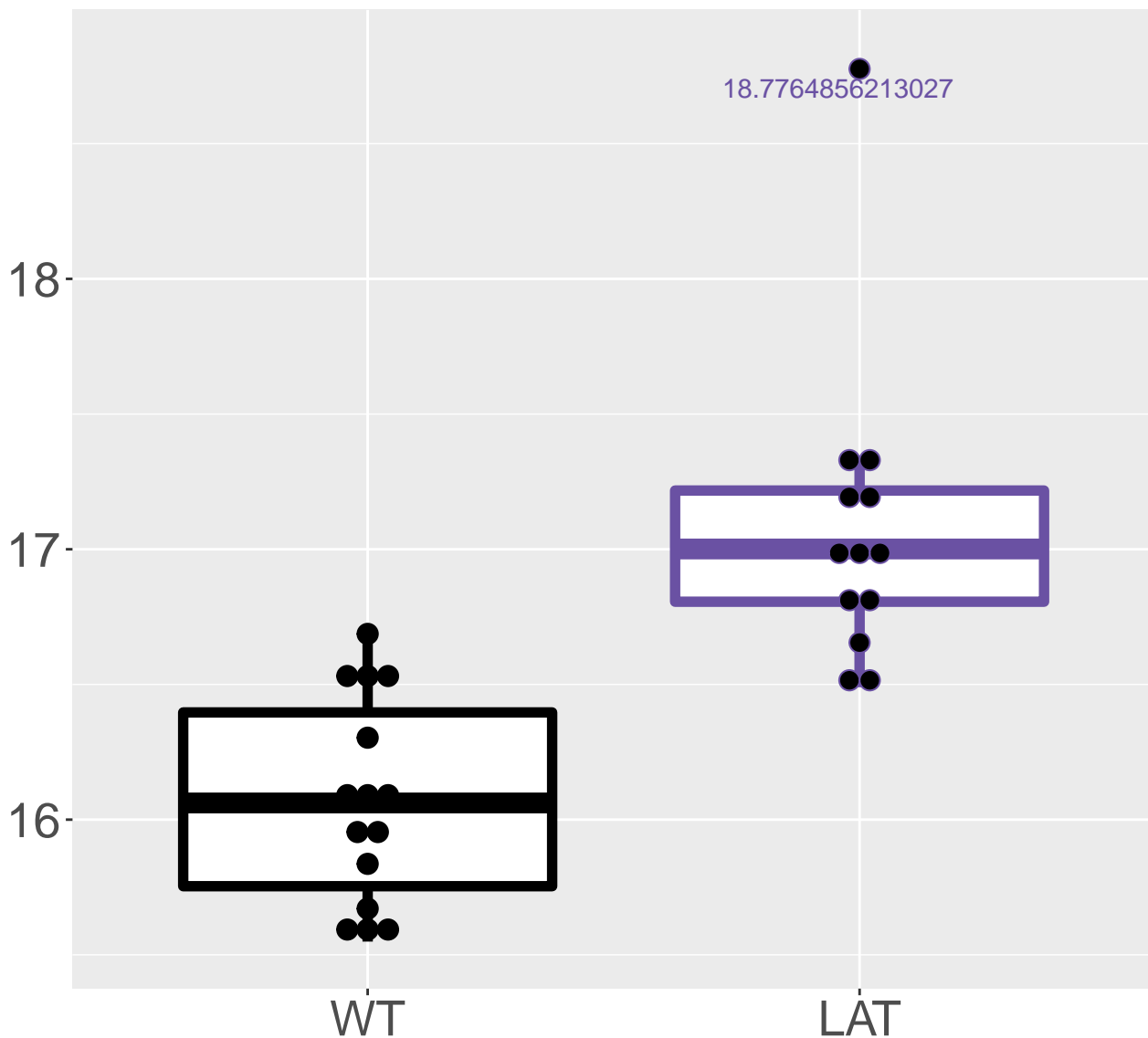
M849.2623T675.34

FDR = 5.6e-05, FC = -1.1



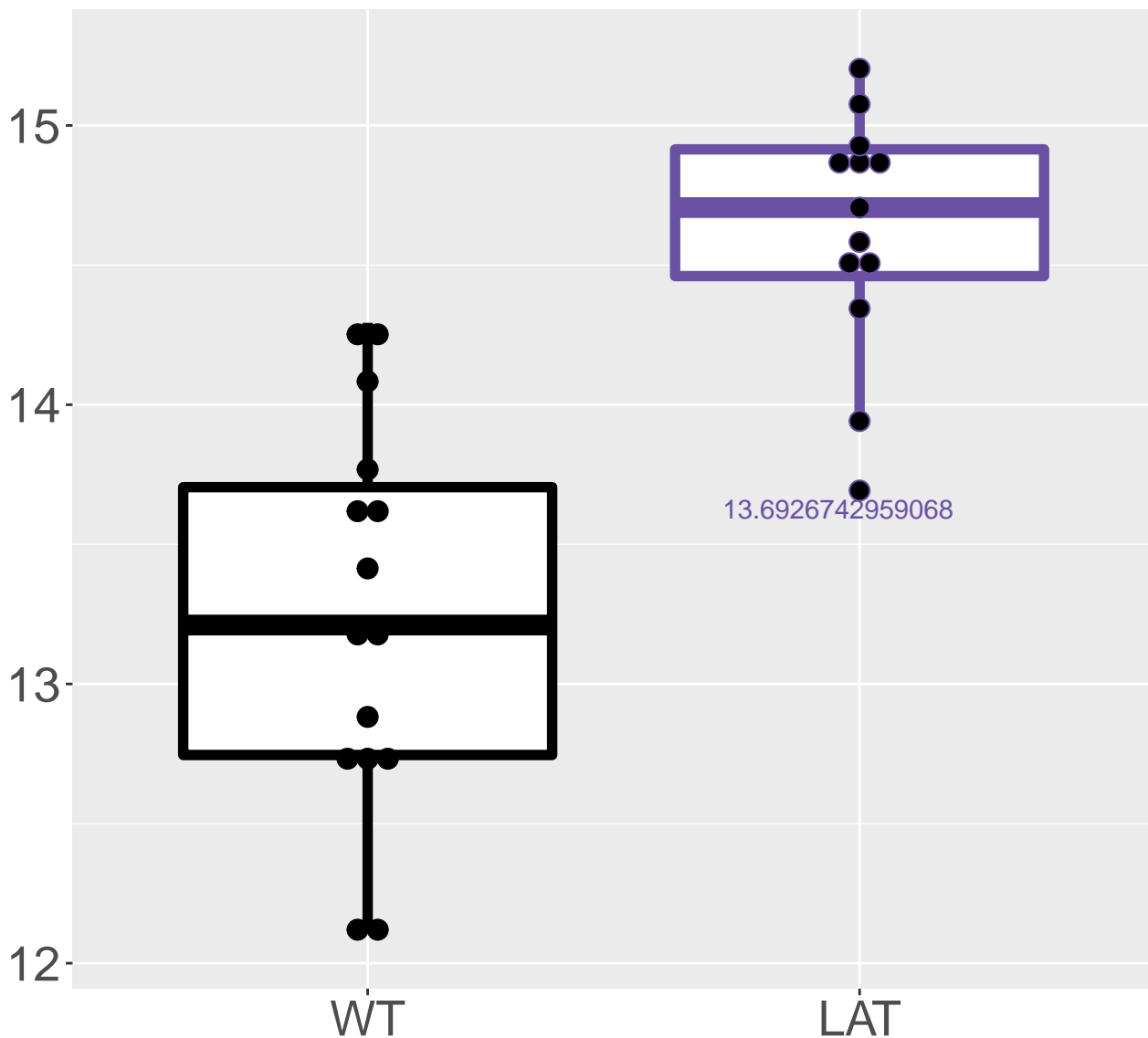
M266.0899T172.55

FDR = 5.6e-05, FC = 1, sex*



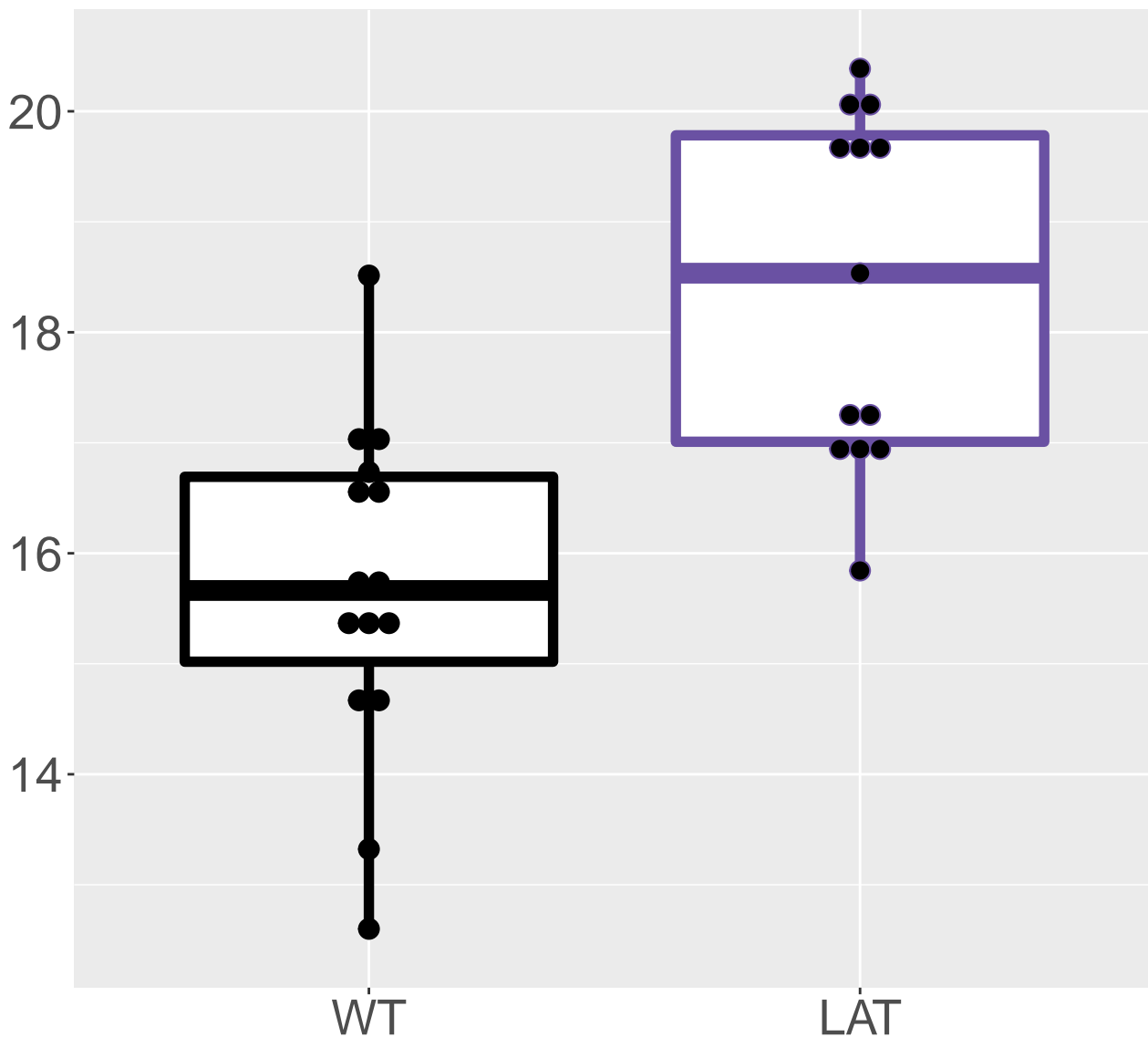
M369.5906T628.13

FDR = $6.2e-05$, FC = 1.4



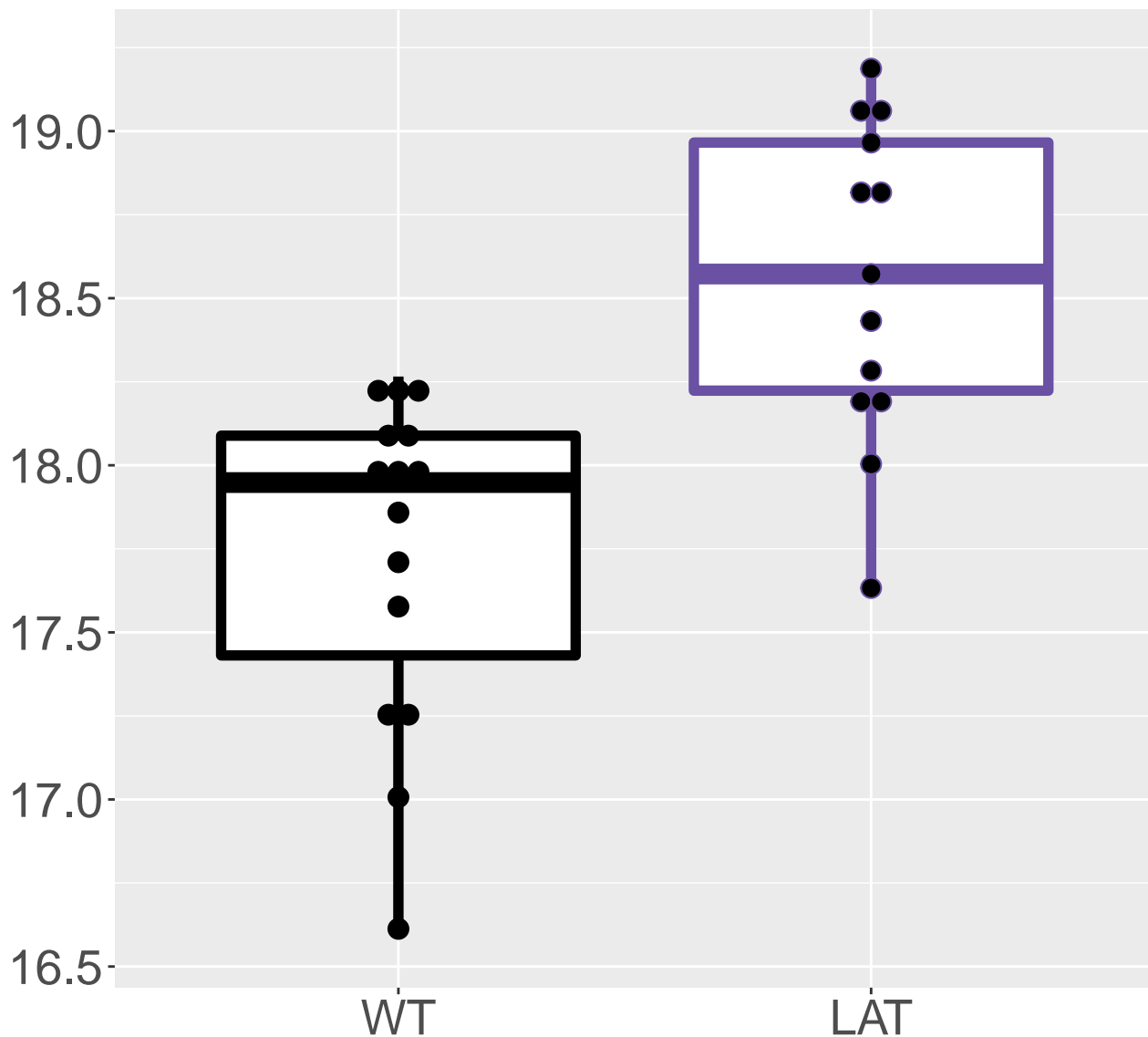
M184.0727T276.17

FDR = $6.2e-05$, FC = 2.7, sex**



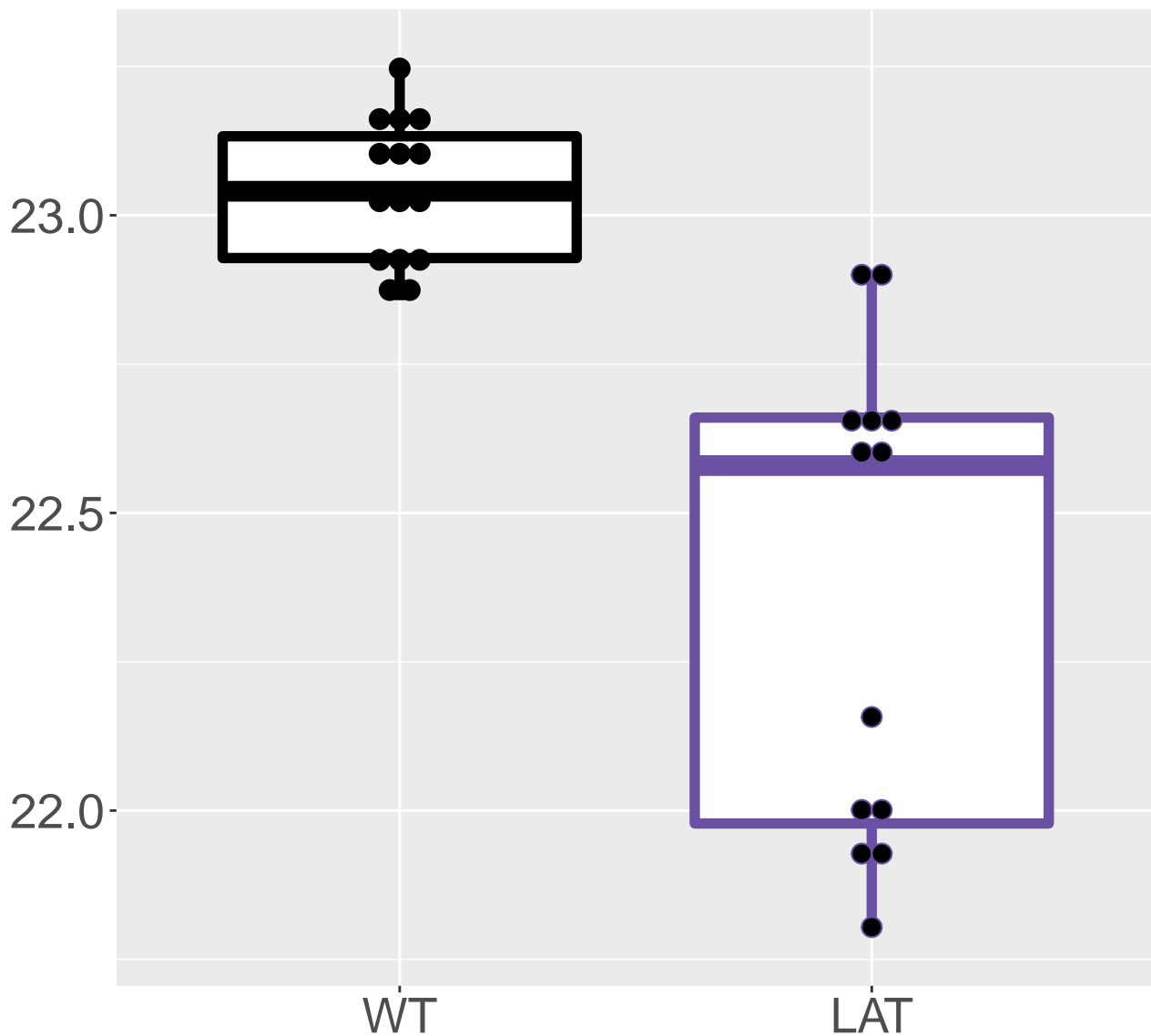
M322.045T556.56

FDR = 6.2e-05, FC = 0.82, sex***



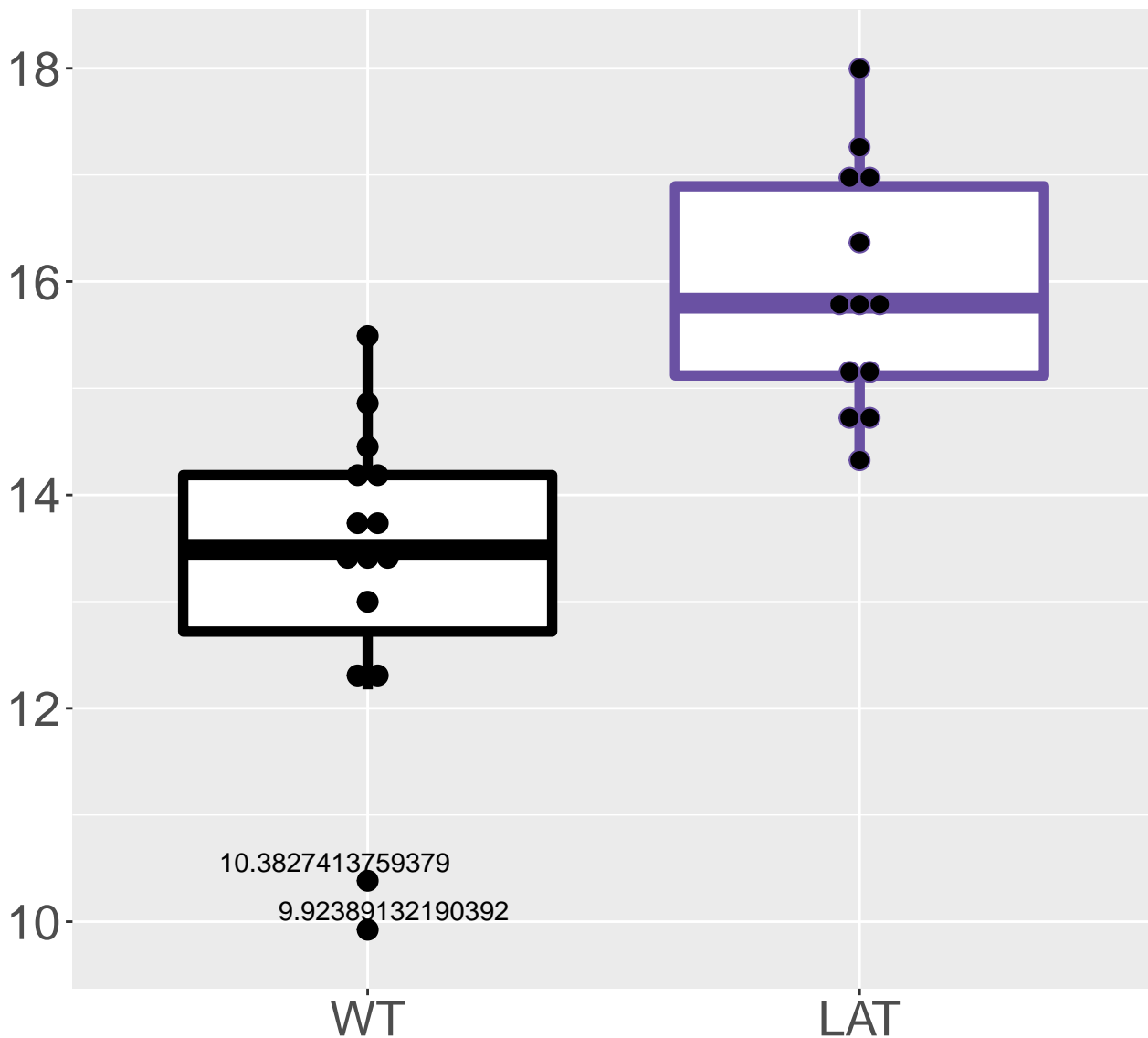
M303.06T348.74

FDR = $6.3e-05$, FC = -0.68



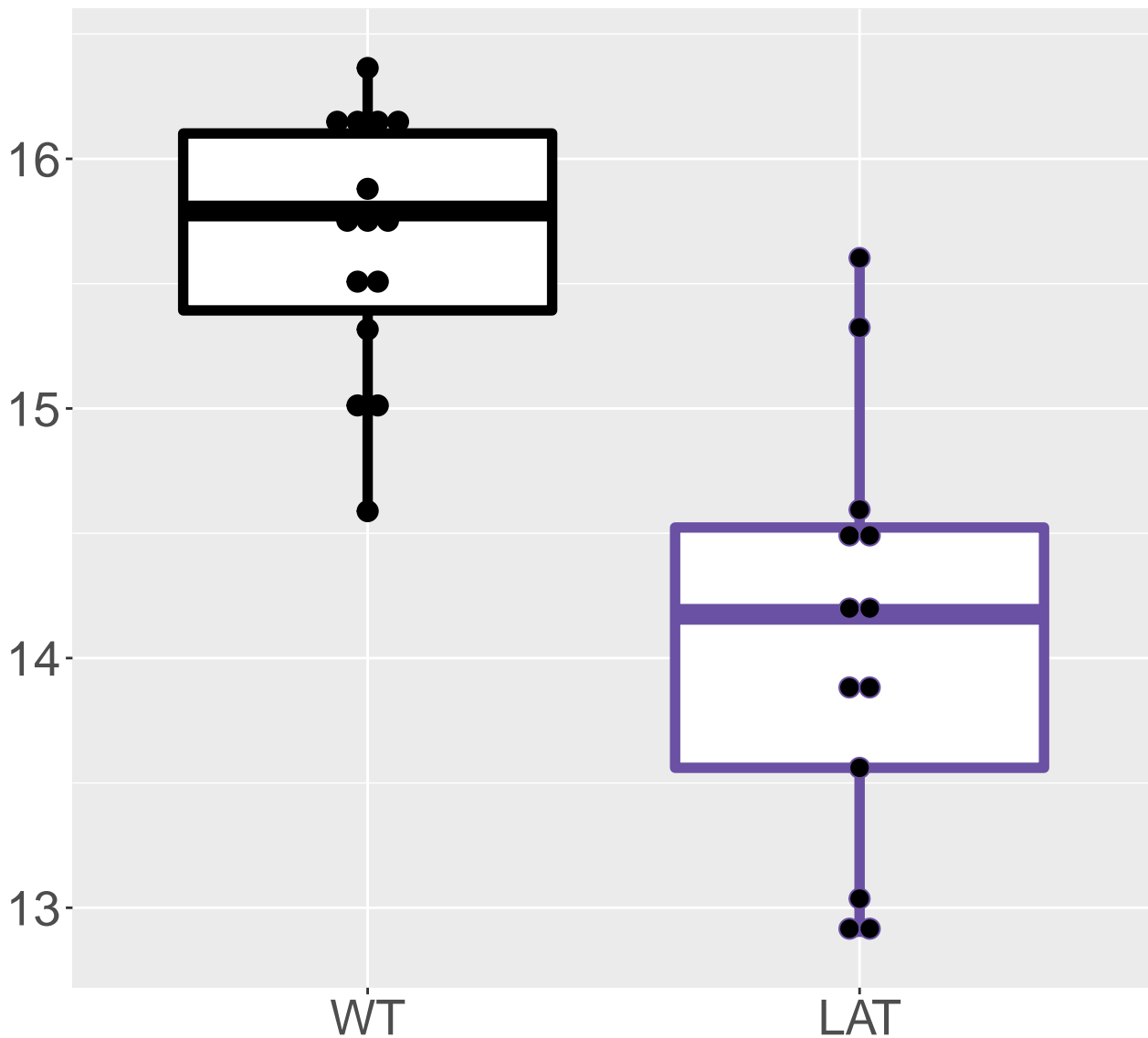
M399.0105T618.93

FDR = 6.3e-05, FC = 2.7, sex*

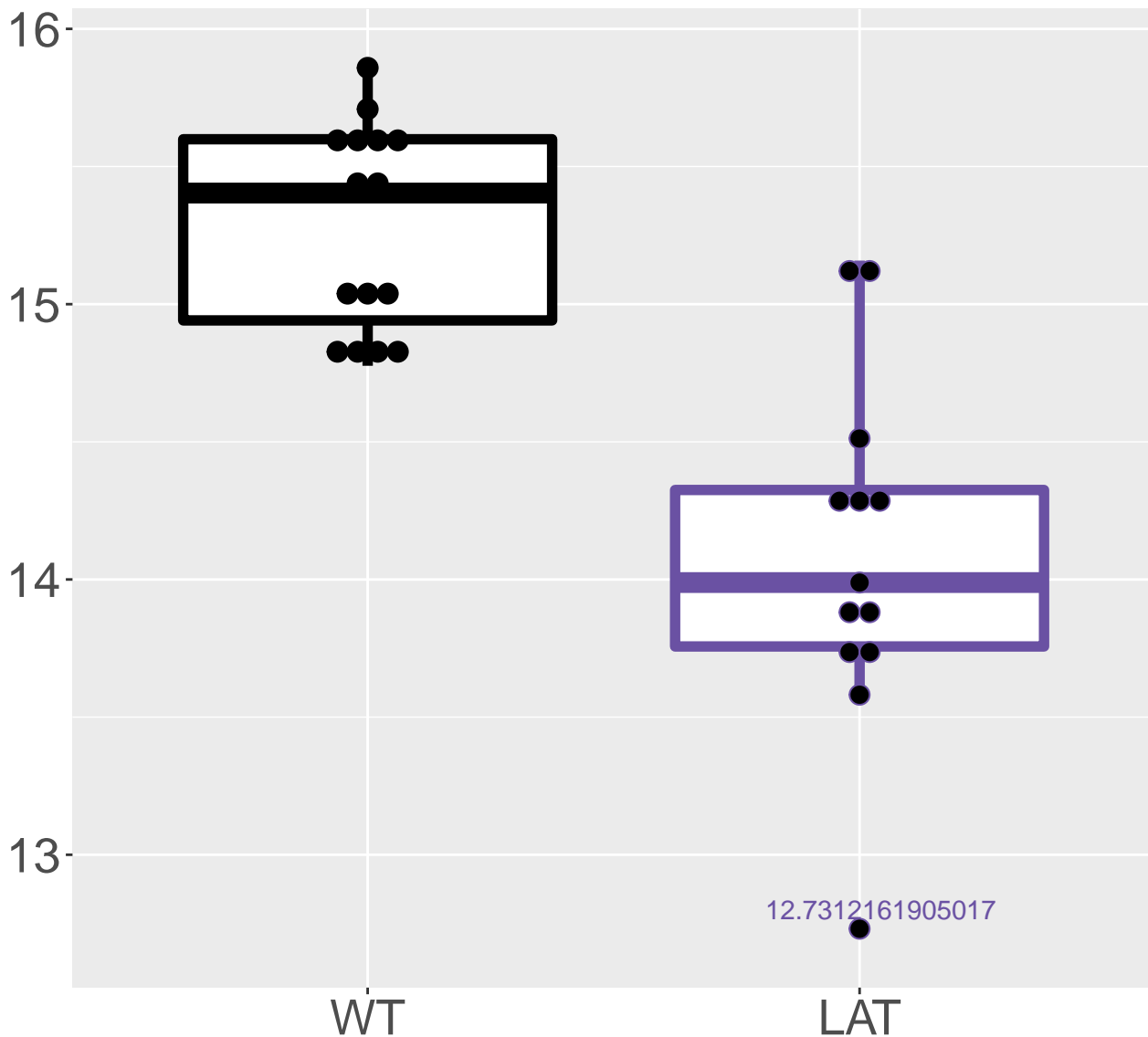


M360.6152T575.7

FDR = $6.3e-05$, FC = -1.6

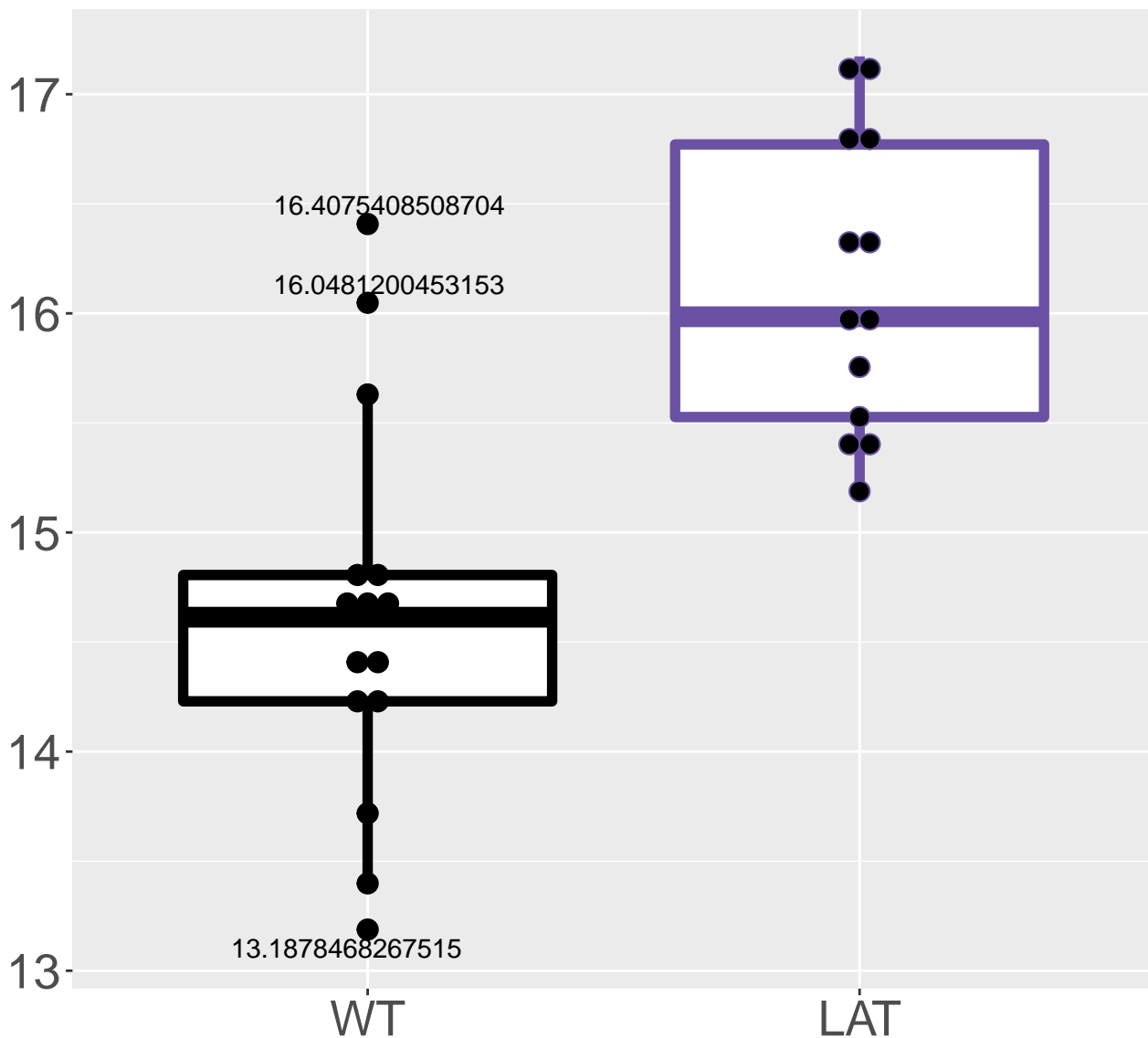


M437.1376T659.55_1
FDR = 6.3e-05, FC = -1.2



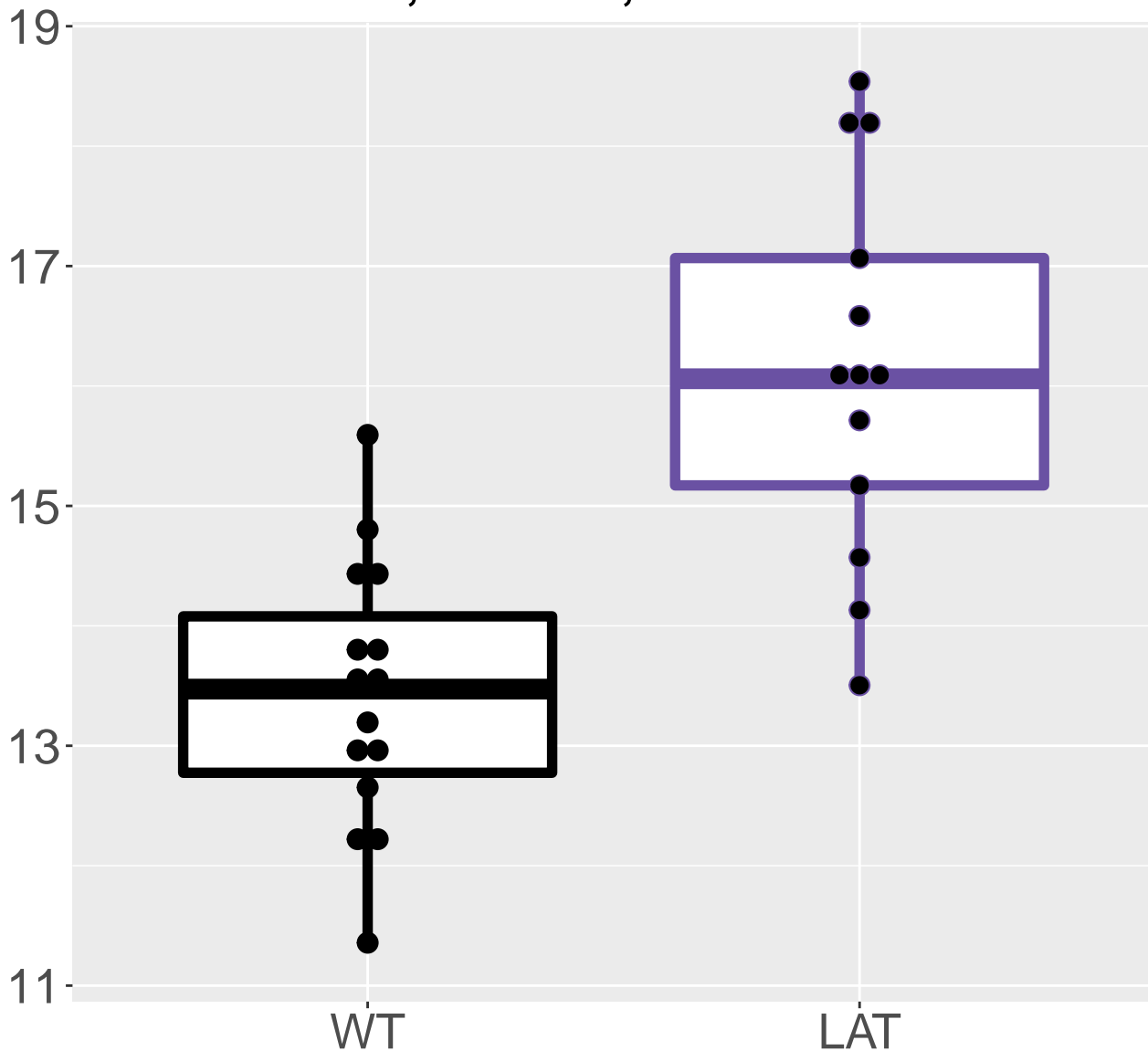
M484.9877T560.68

FDR = $6.3e-05$, FC = 1.5



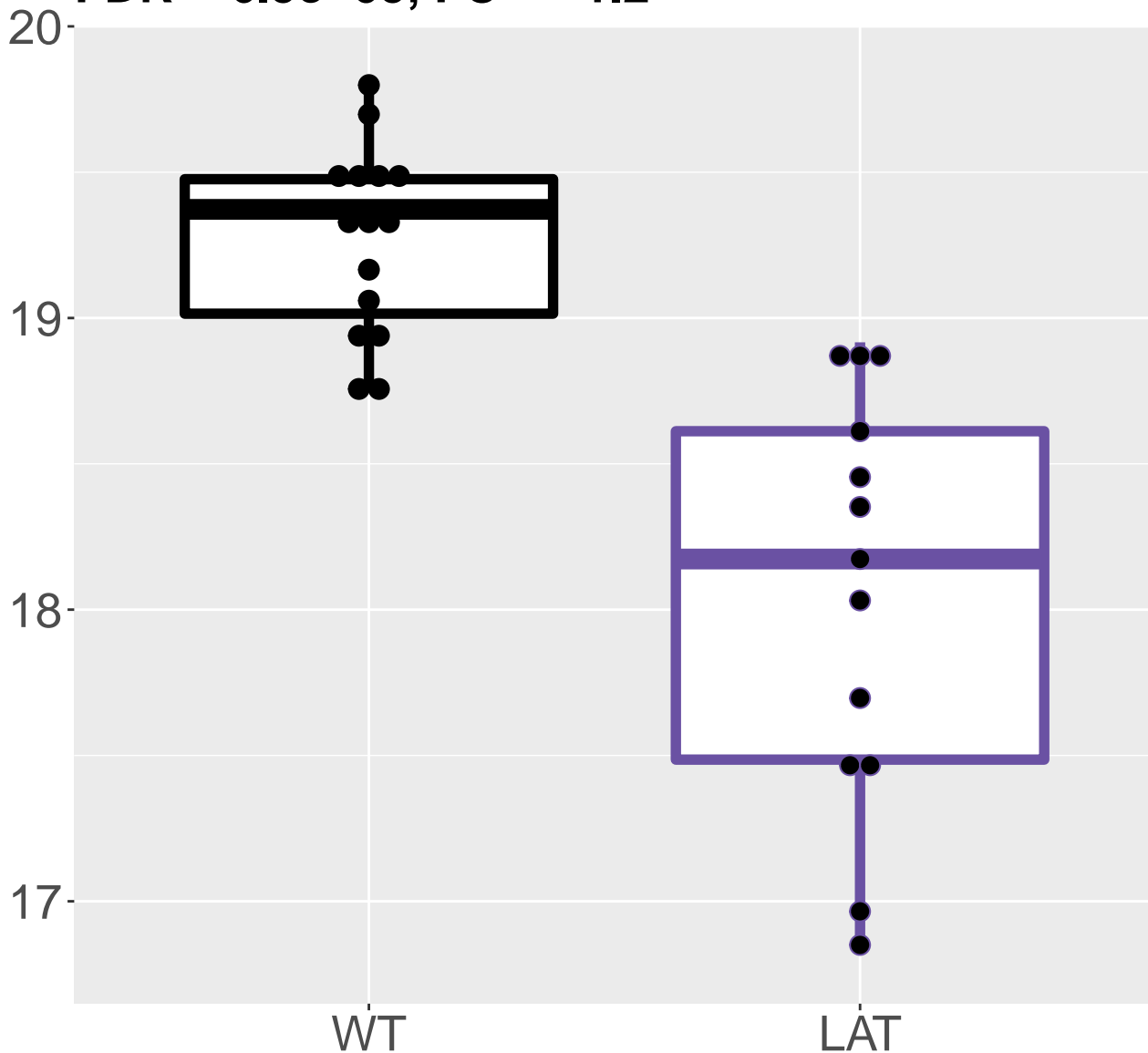
M561.1119T491.12

FDR = $6.5e-05$, FC = 2.7, sex*



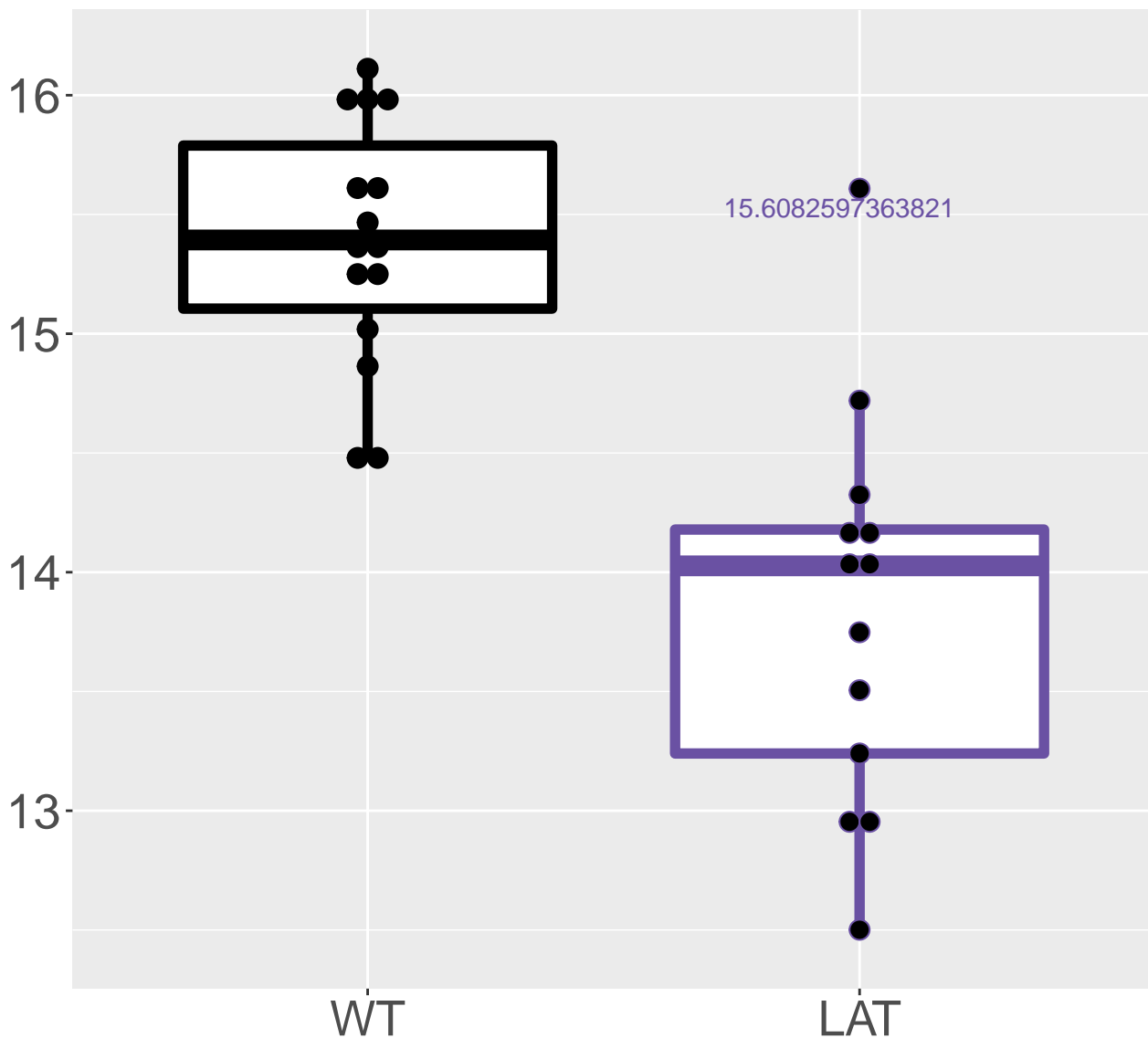
M671.2288T526.03

FDR = $6.5e-05$, FC = -1.2



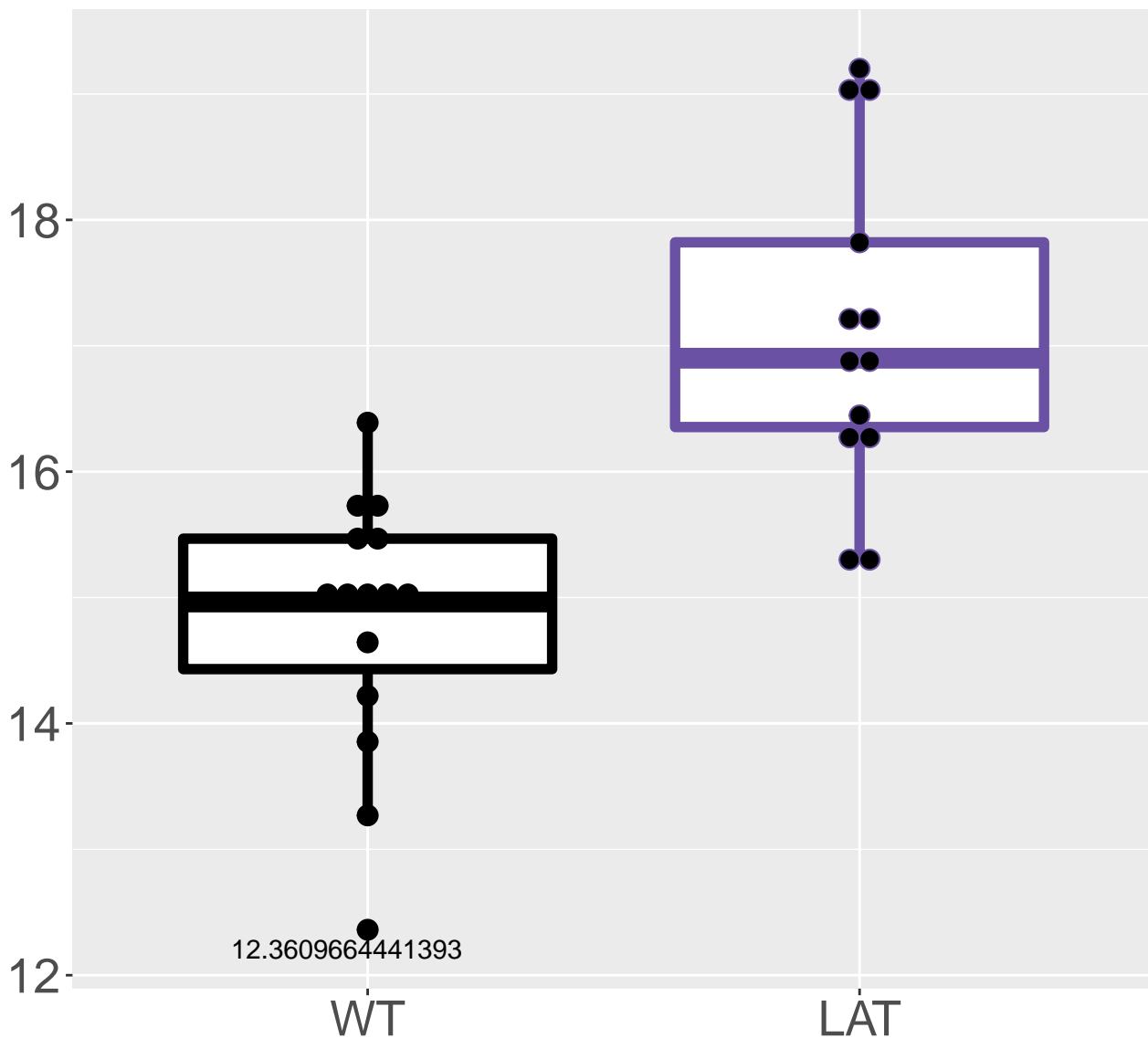
M779.2952T634.39

FDR = $6.5e-05$, FC = -1.5



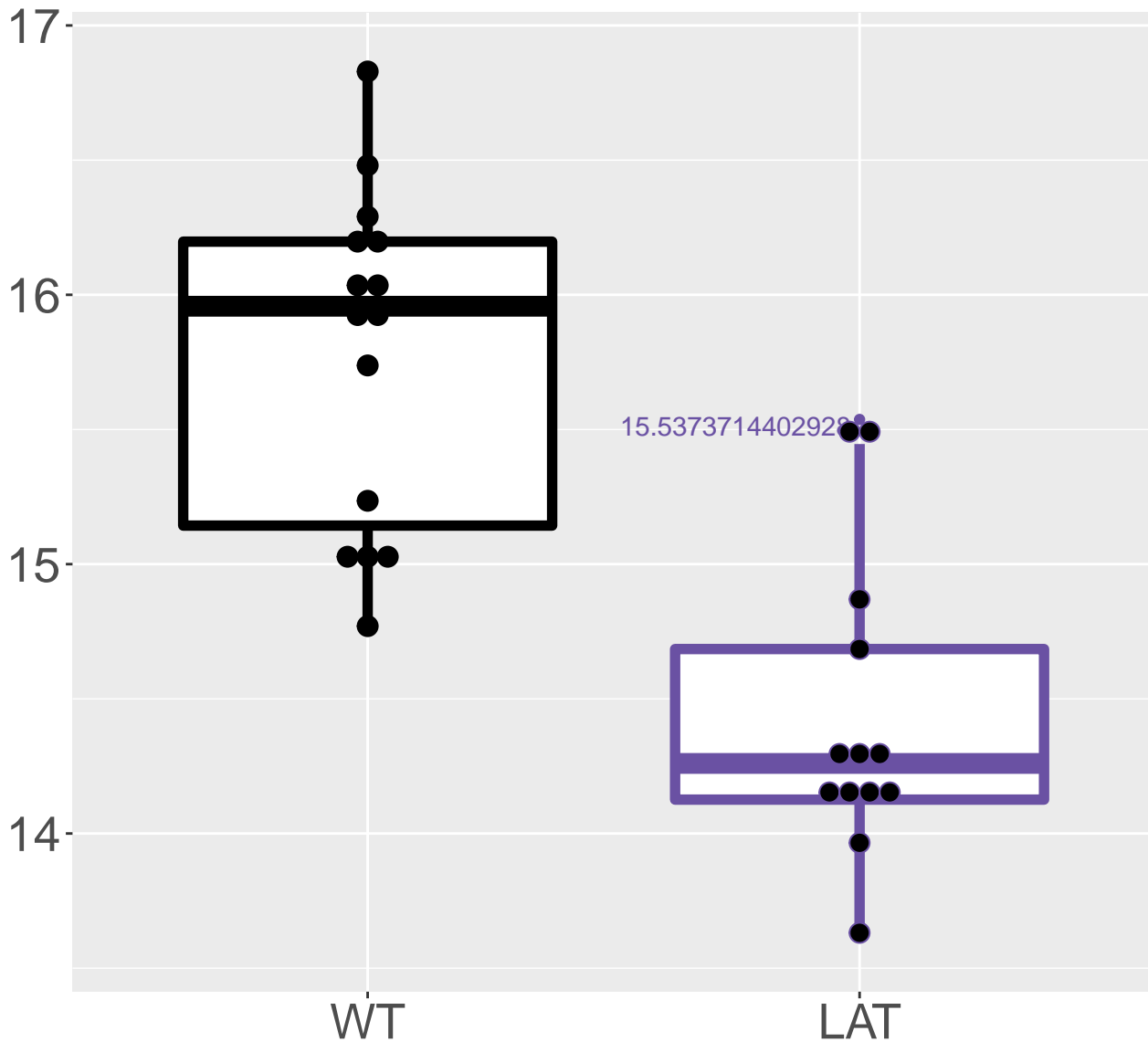
M603.1589T490.76

FDR = 6.7e-05, FC = 2.3, sex*



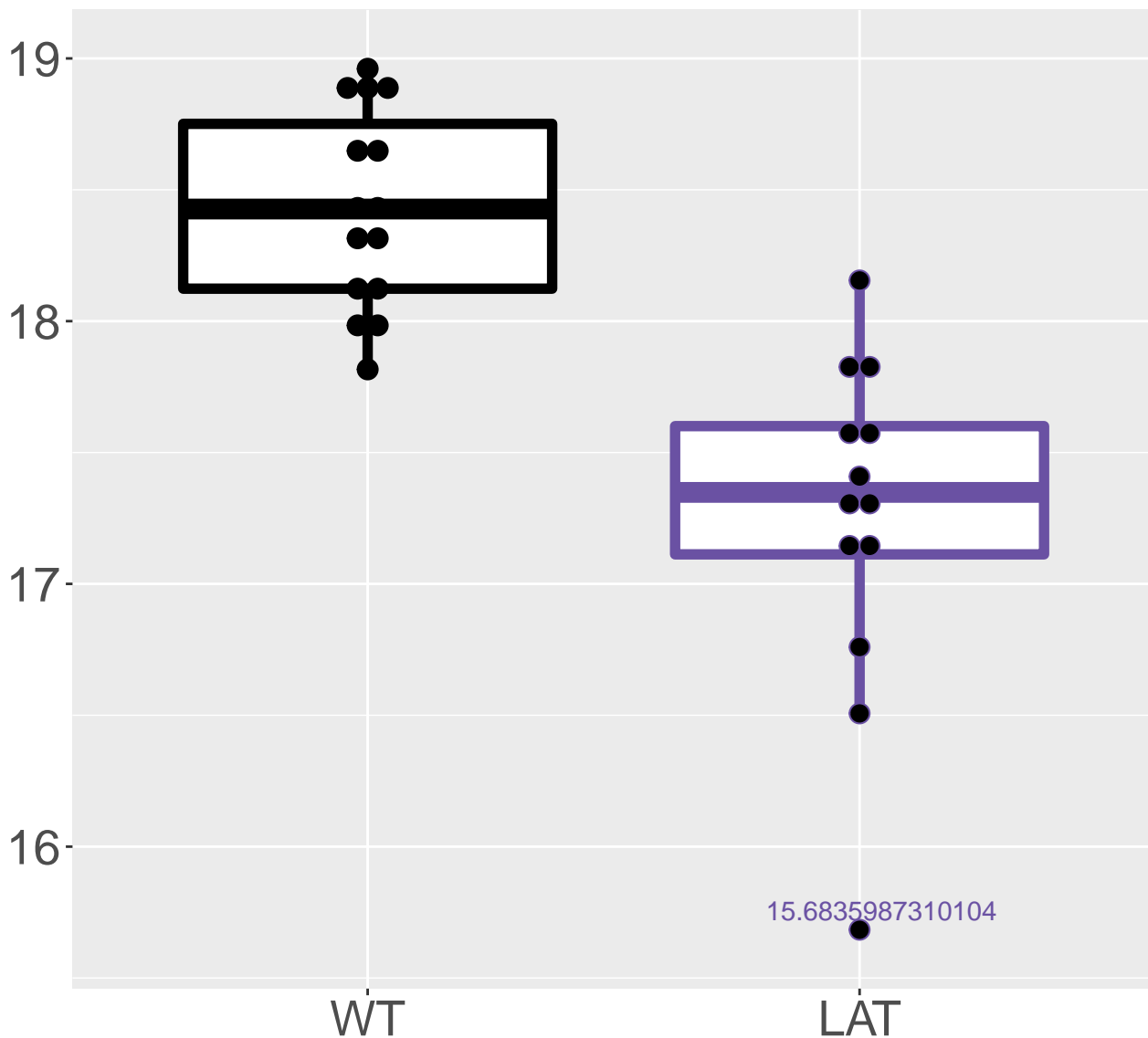
M970.7959T633.96

FDR = 6.7e-05, FC = -1.3

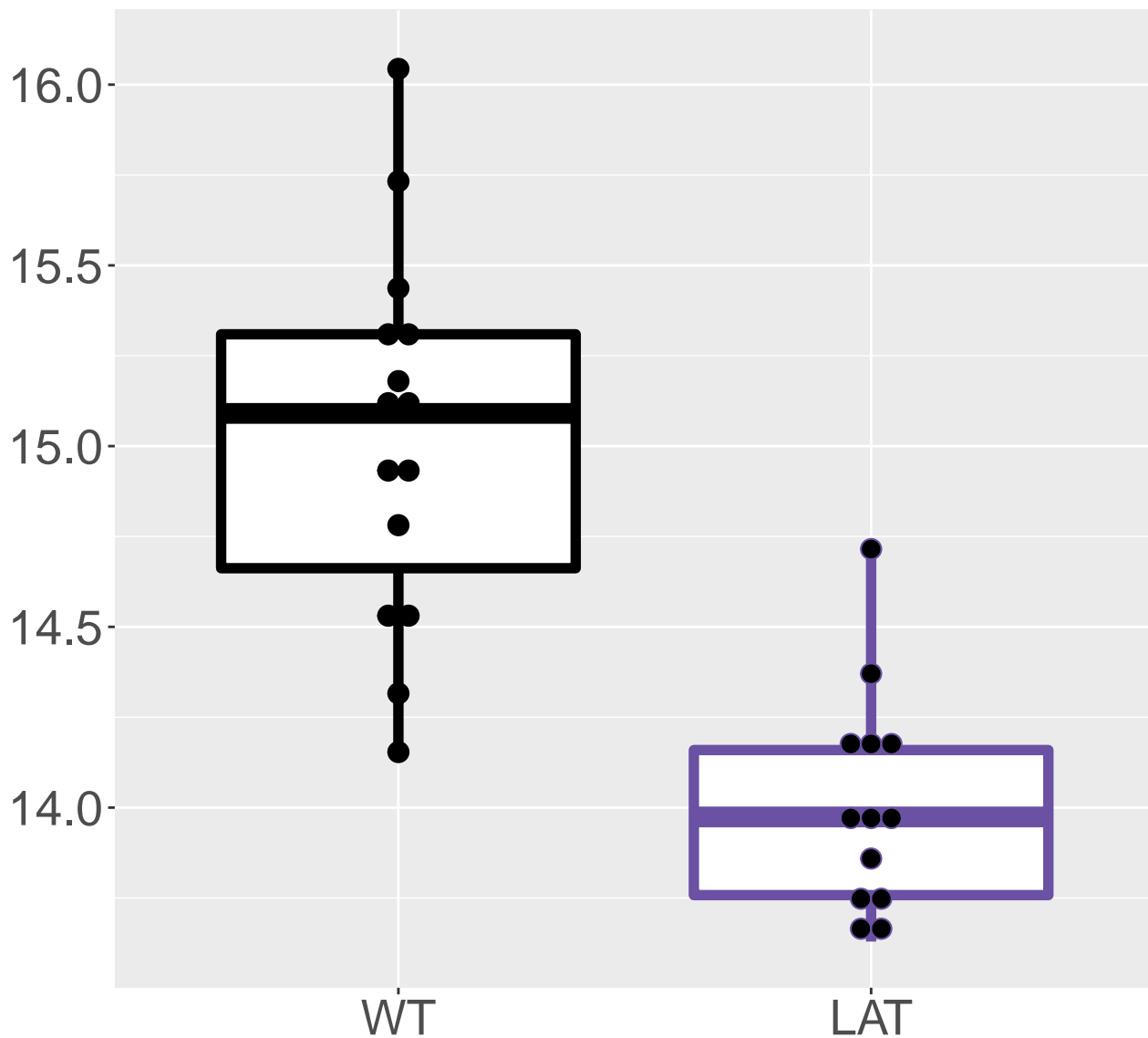


M329.1512T174.14

FDR = 6.7e-05, FC = -1.2

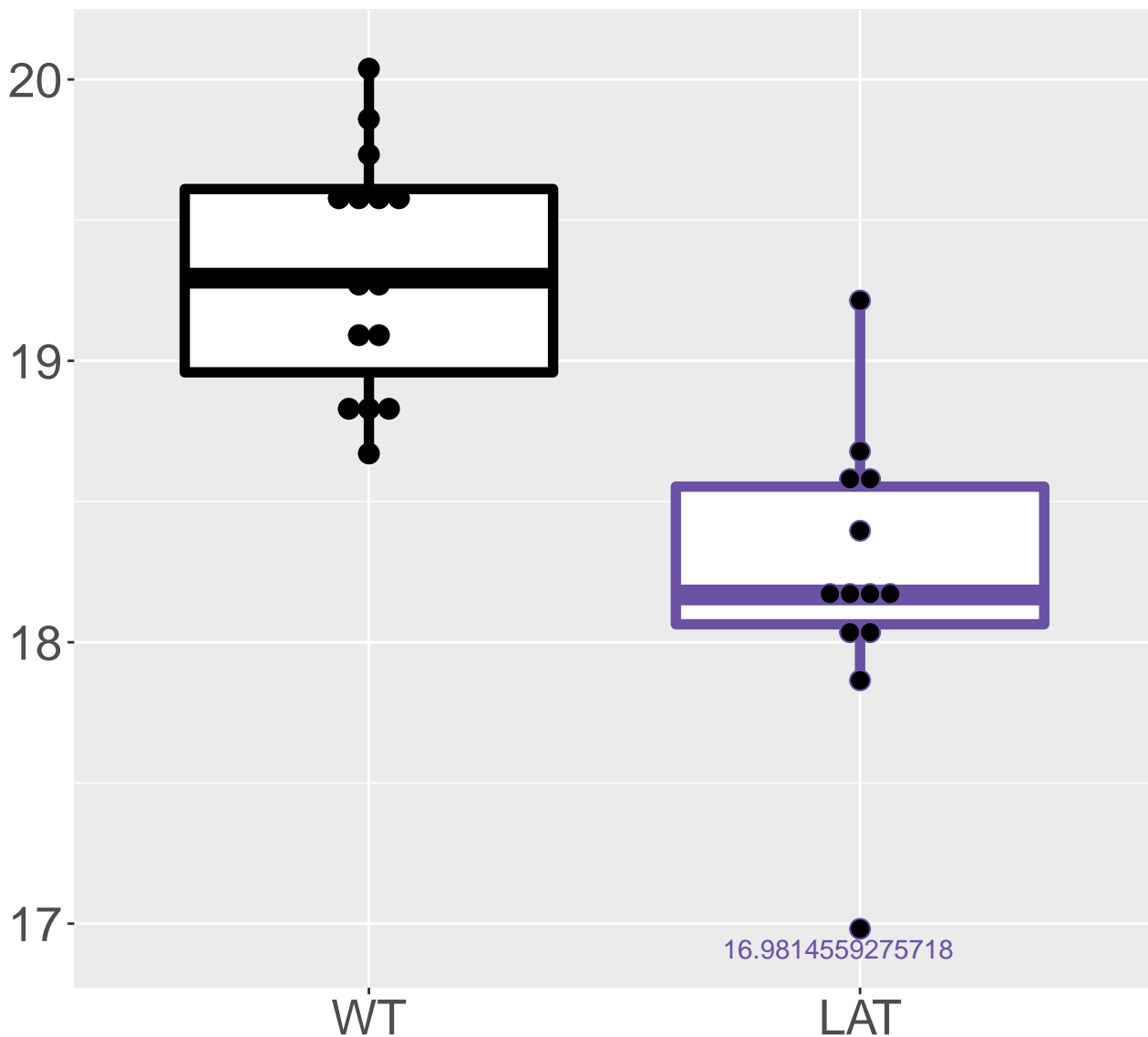


M873.2745T626.87
FDR = $6.7e-05$, FC = -1

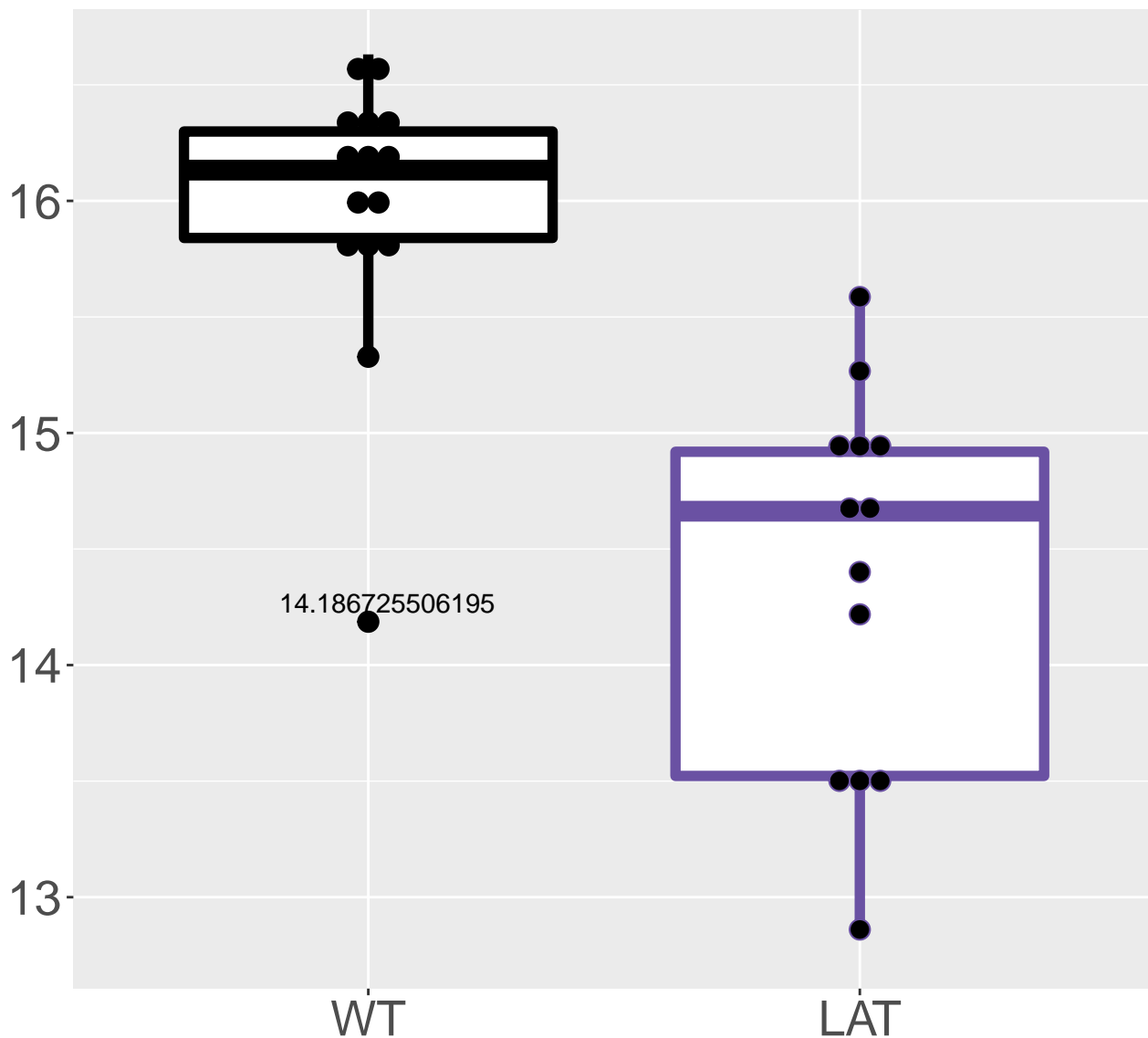


M412.1466T510.89

FDR = $6.8e-05$, FC = -1.1

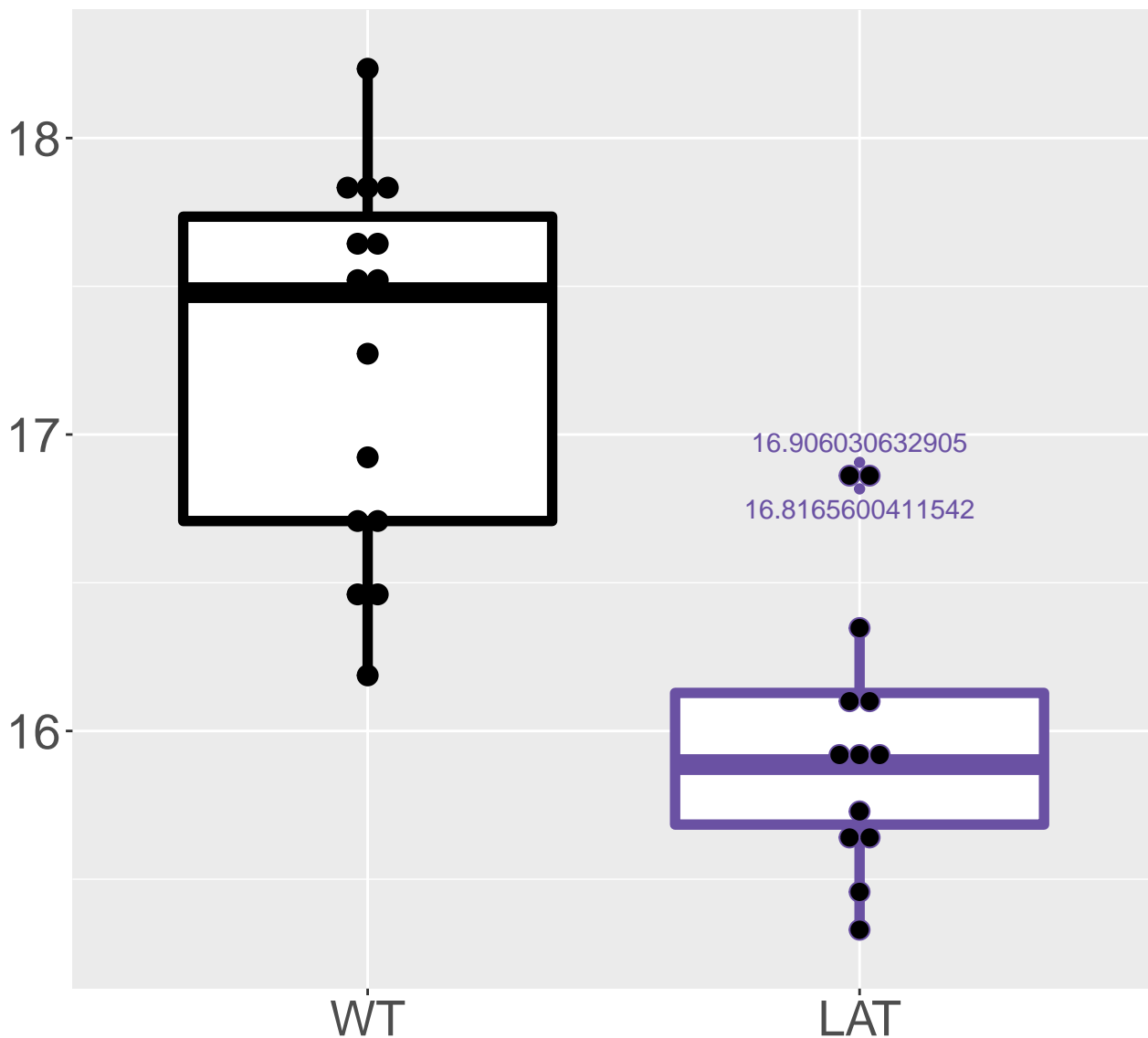


M969.2926T574.32_2
FDR = 7e-05, FC = -1.6



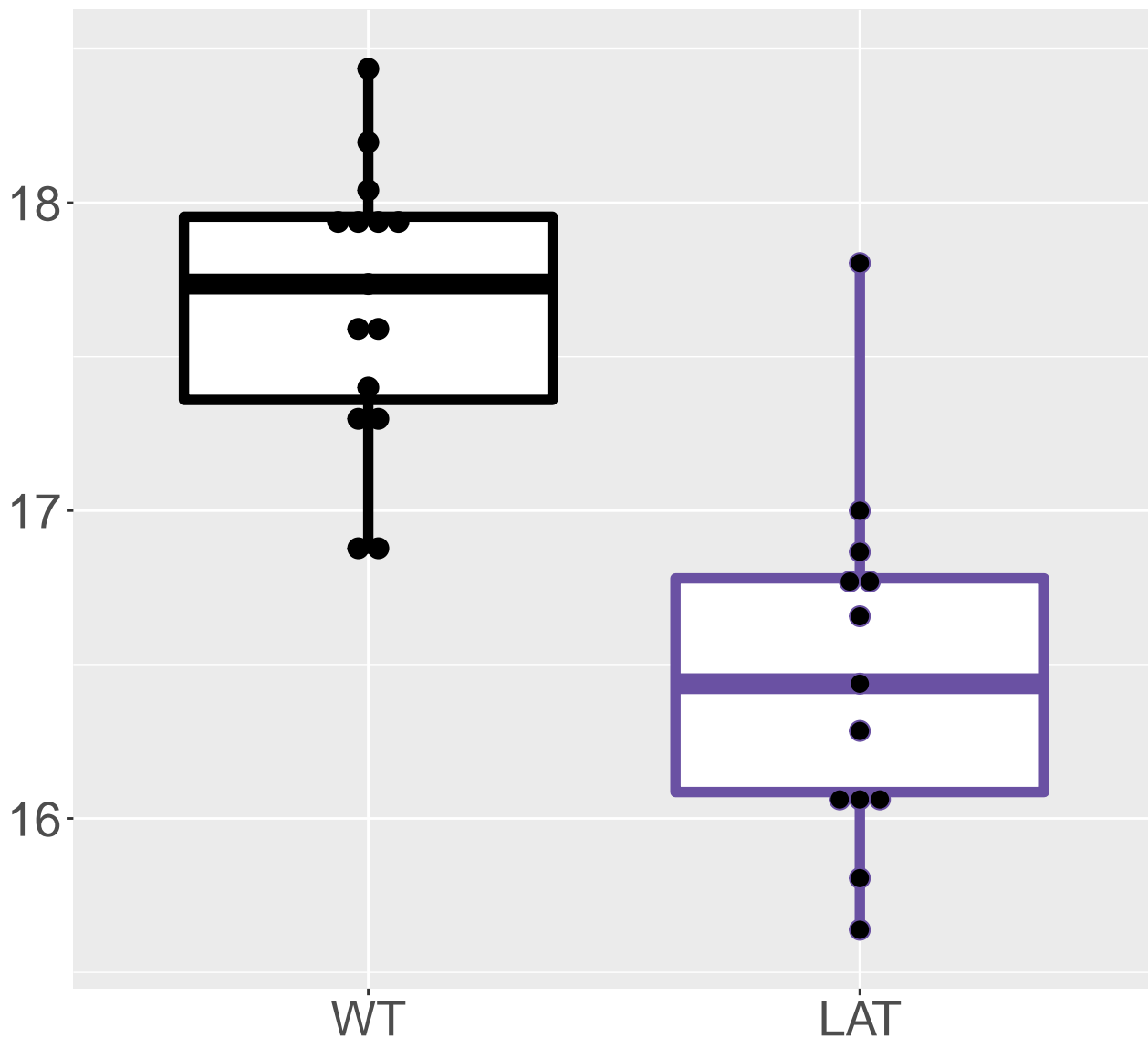
M939.2937T633.84

FDR = $7.1\text{e-}05$, FC = -1.3



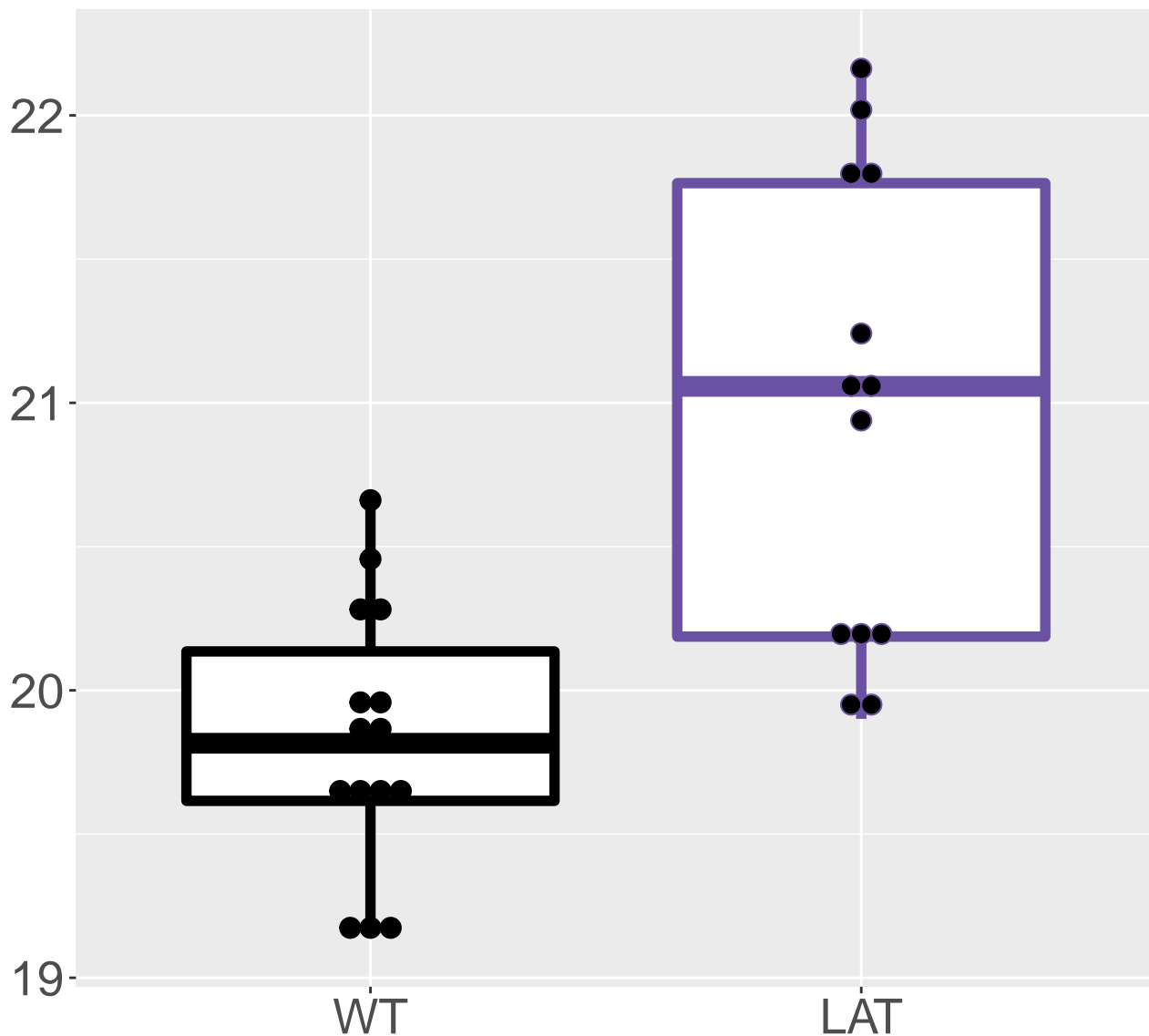
M541.1357T578.39

FDR = $7.1\text{e-}05$, FC = -1.2



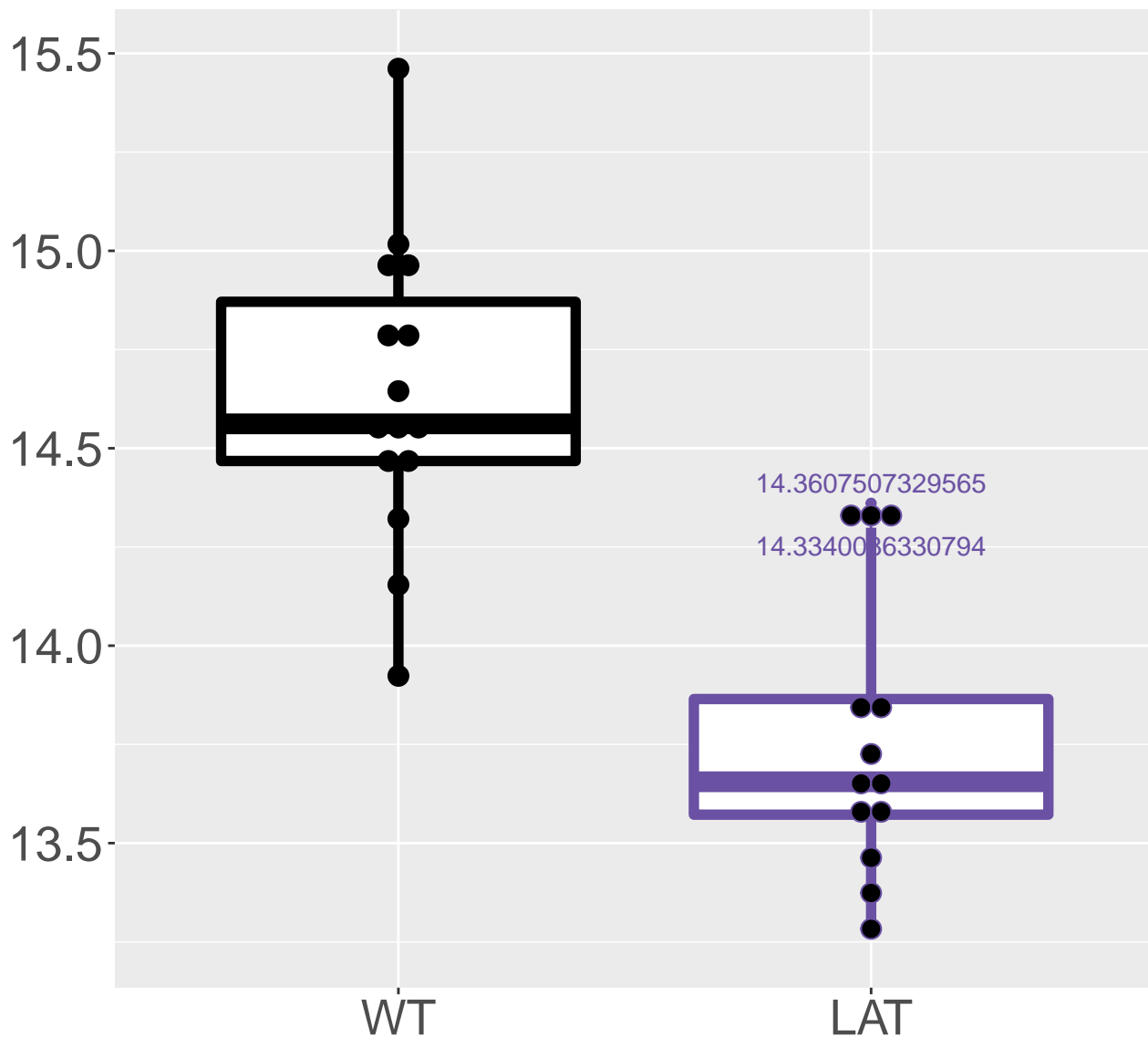
M356.9998T556.54

FDR = $7.1\text{e-}05$, FC = 1.1, sex**

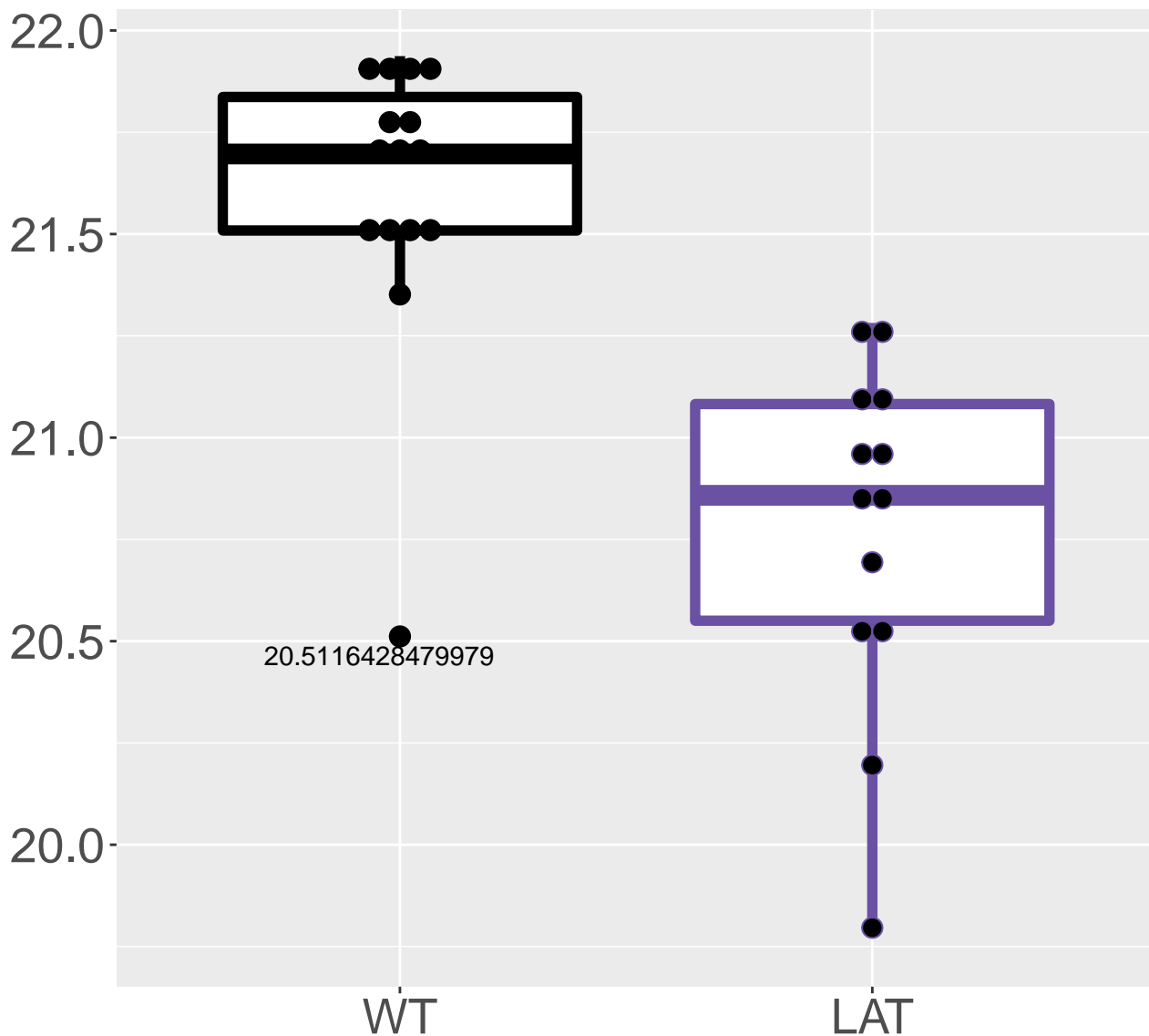


M767.2474T627.34

FDR = $7.1\text{e-}05$, FC = -0.87

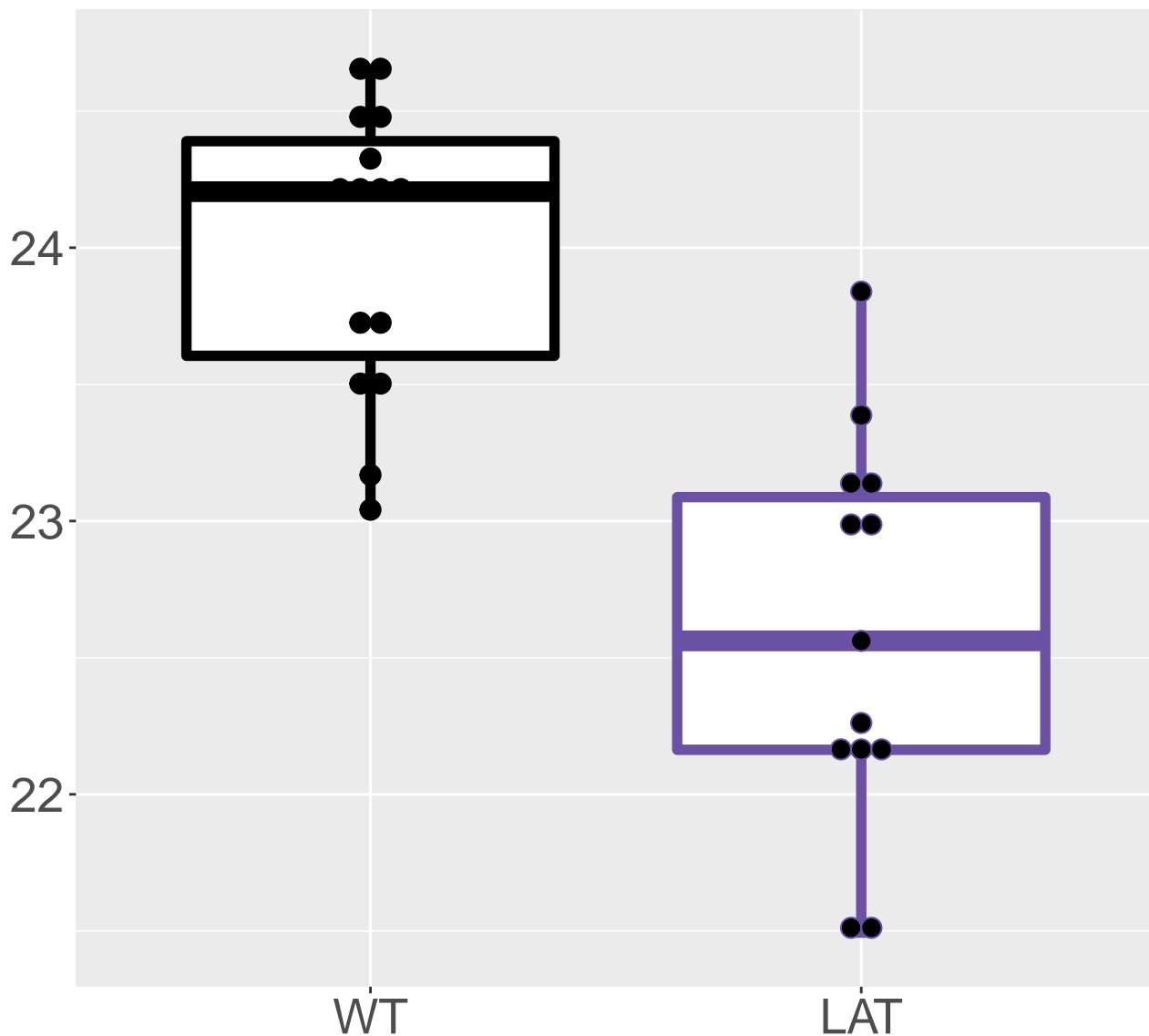


FDR = 7.1e-05, FC = -0.84

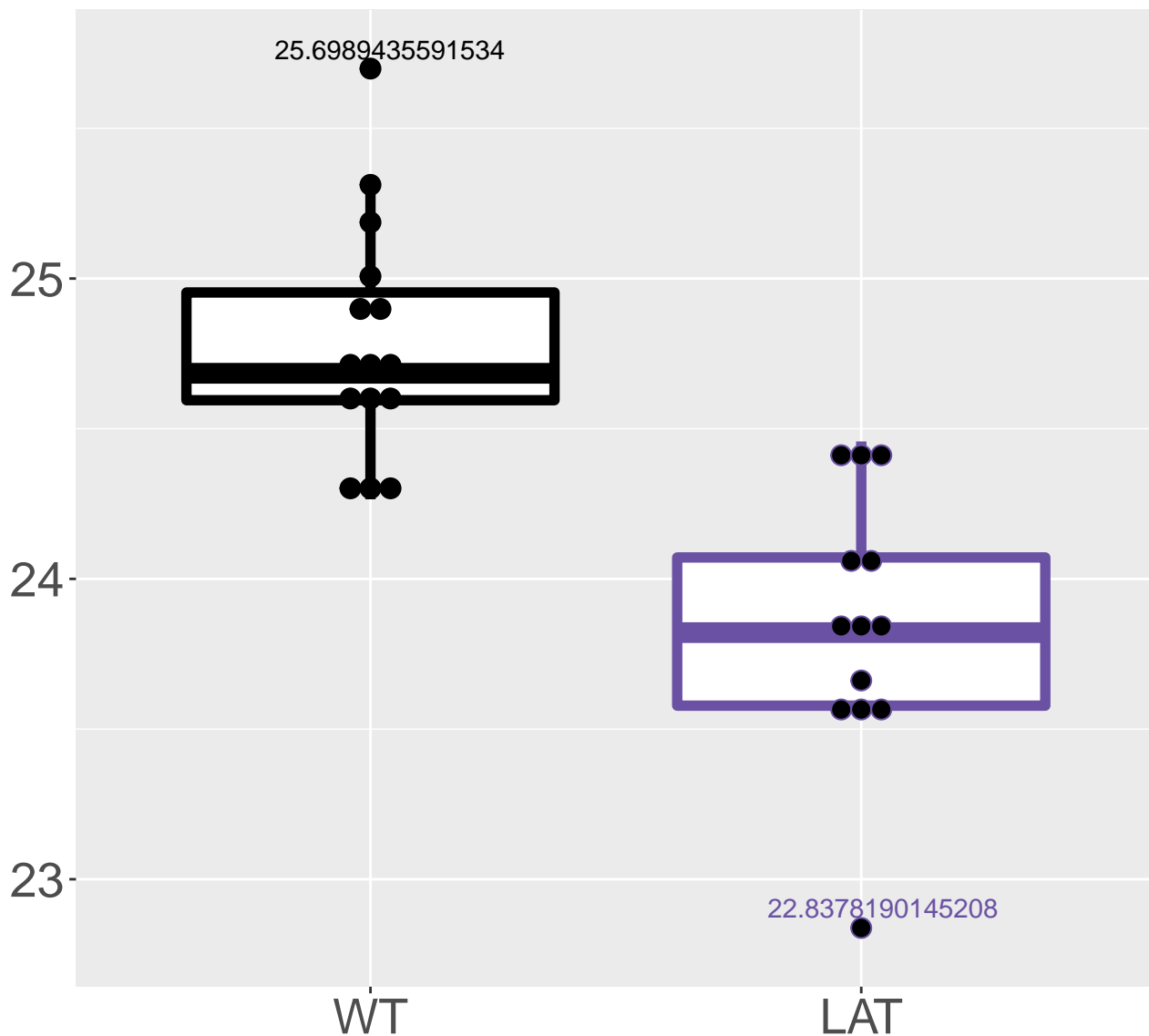


M488.163T524.21

FDR = $7.2e-05$, FC = -1.4

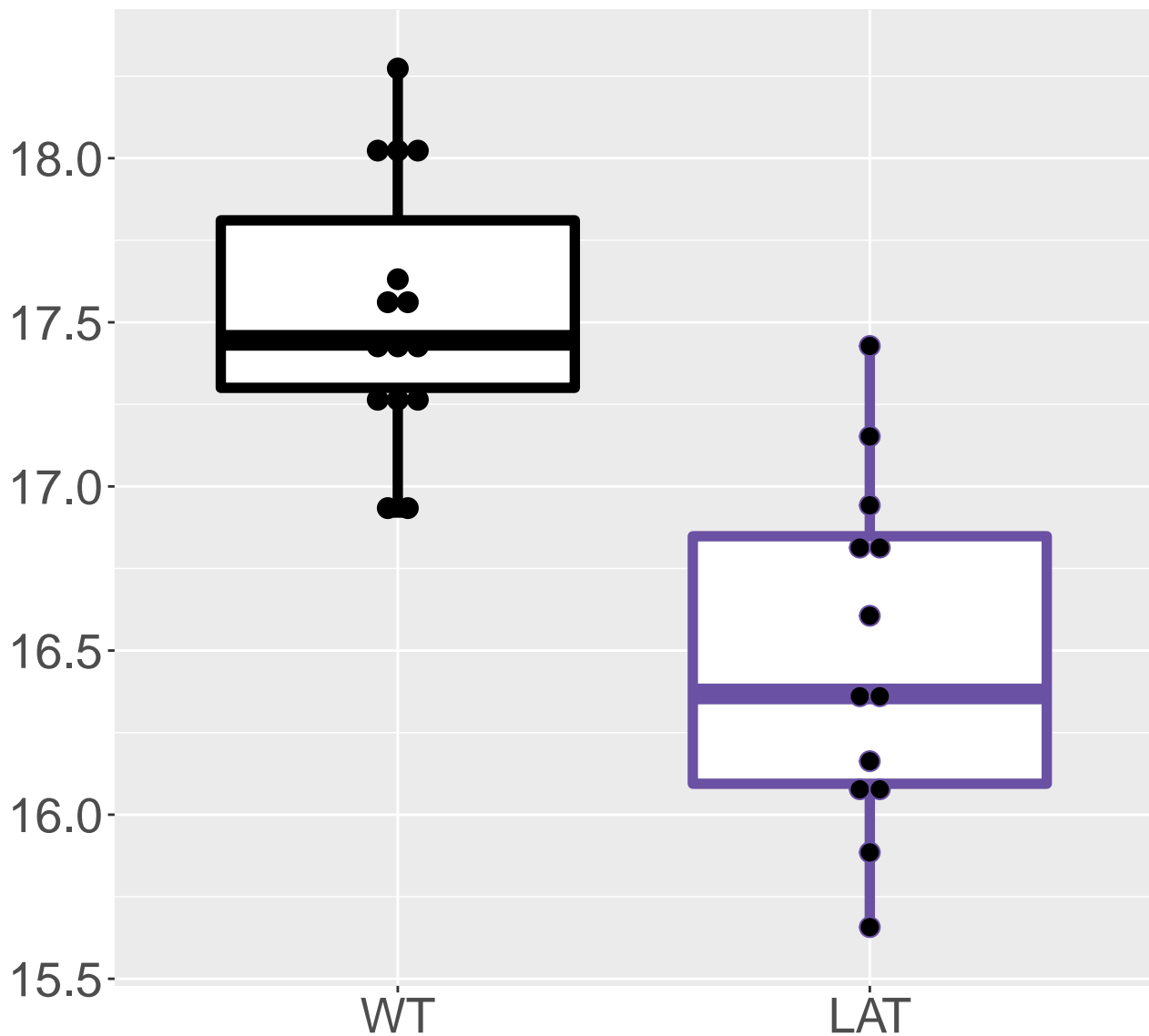


FDR = 7.8e-05, FC = -0.94



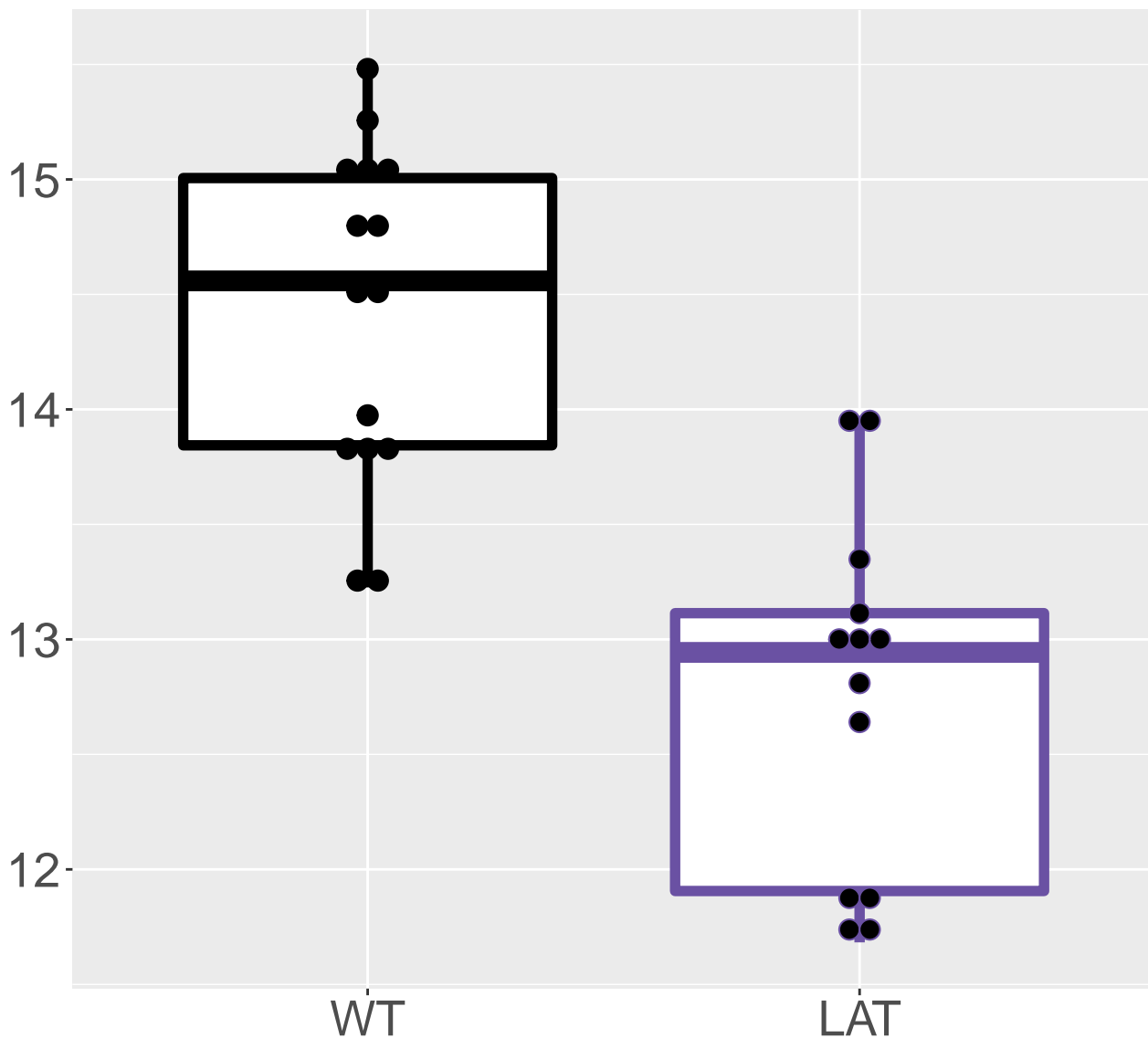
M546.1684T589.35

FDR = $7.8e-05$, FC = -1.1



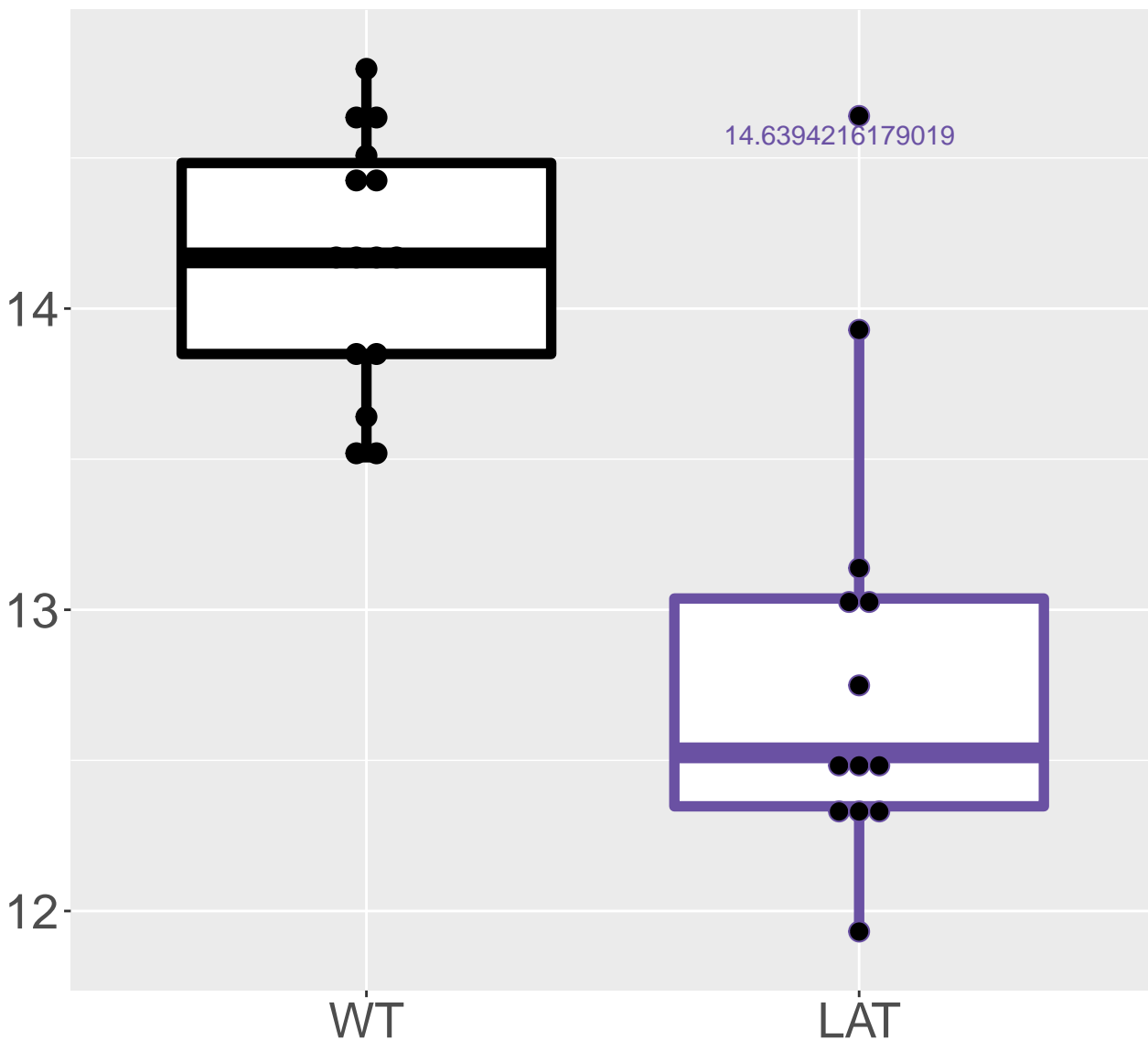
M940.7978T634.55

FDR = $7.9e-05$, FC = -1.7



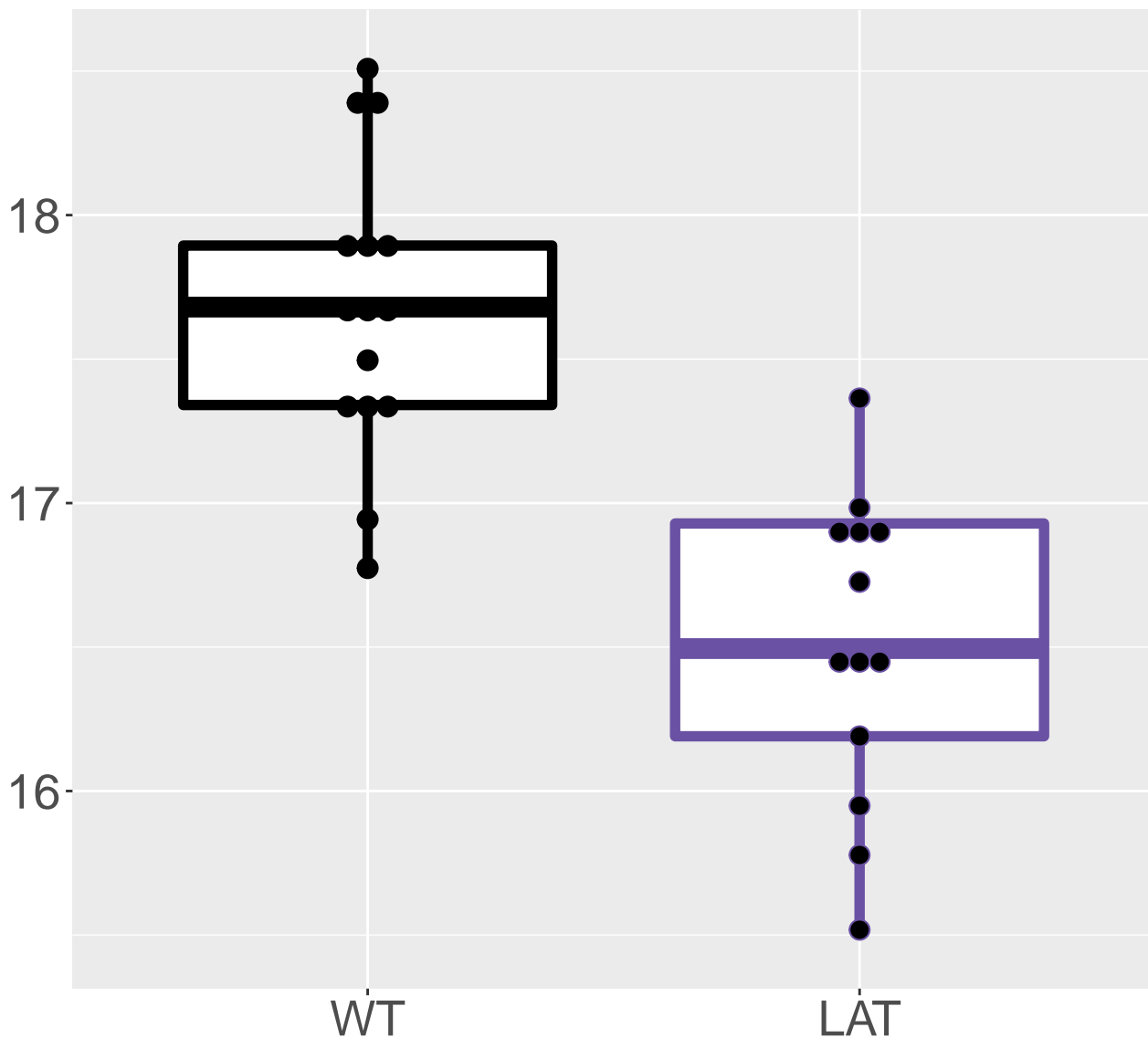
M491.4899T668.71

FDR = $7.9\text{e-}05$, FC = -1.3



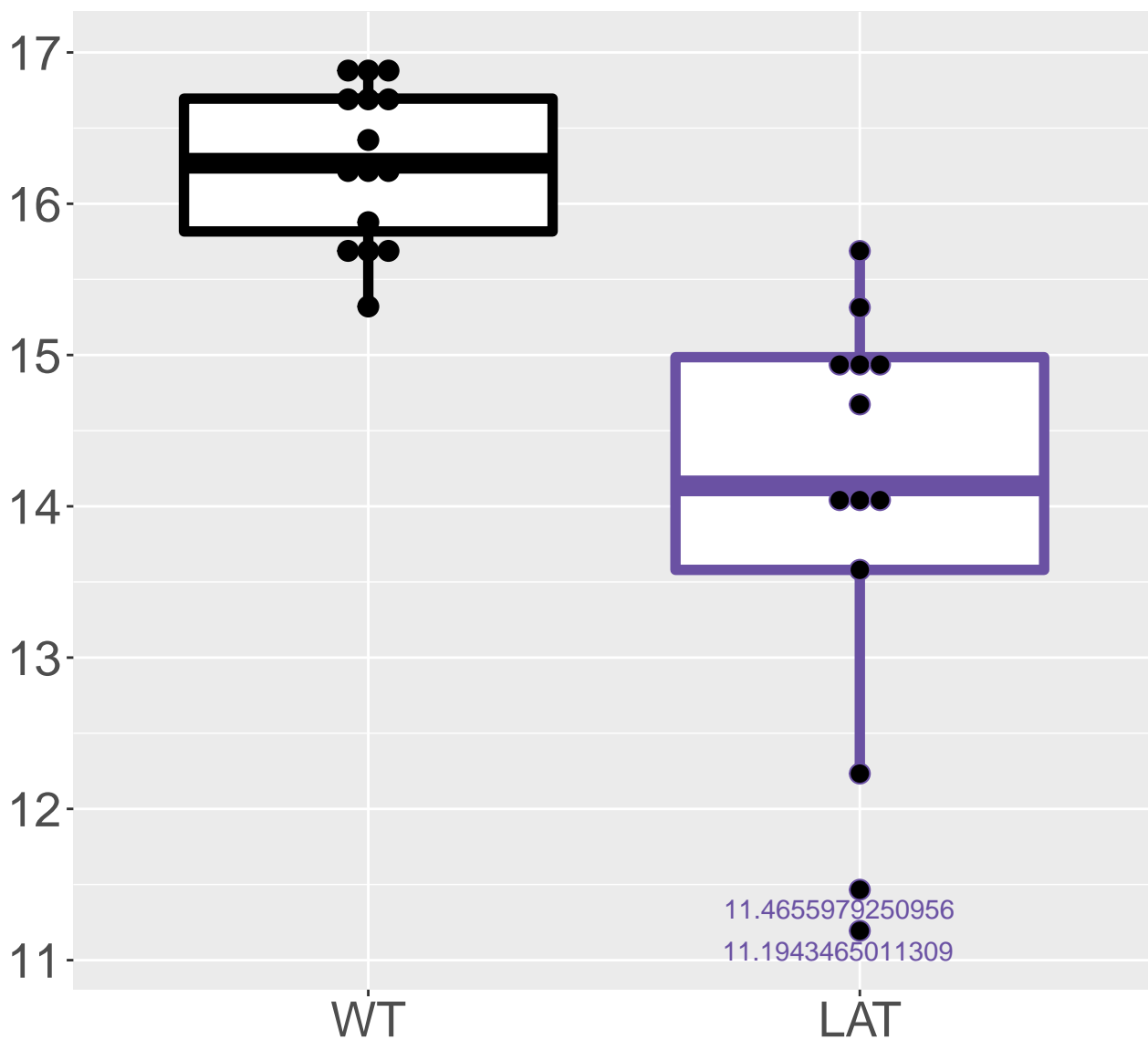
M574.1993T542.35

FDR = $7.9\text{e-}05$, FC = -1.2



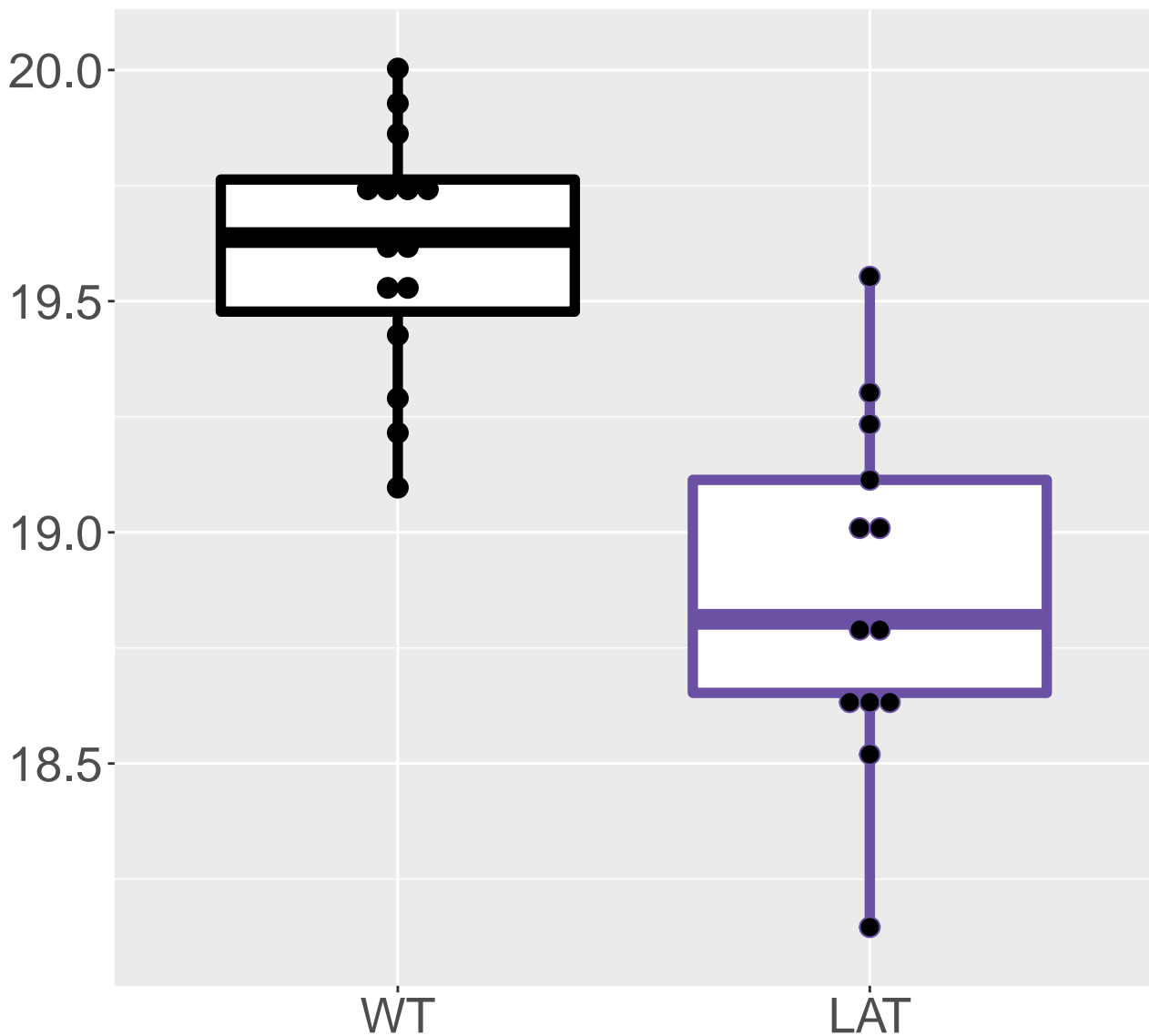
M472.1499T413.51

FDR = $7.9e-05$, FC = -2.3



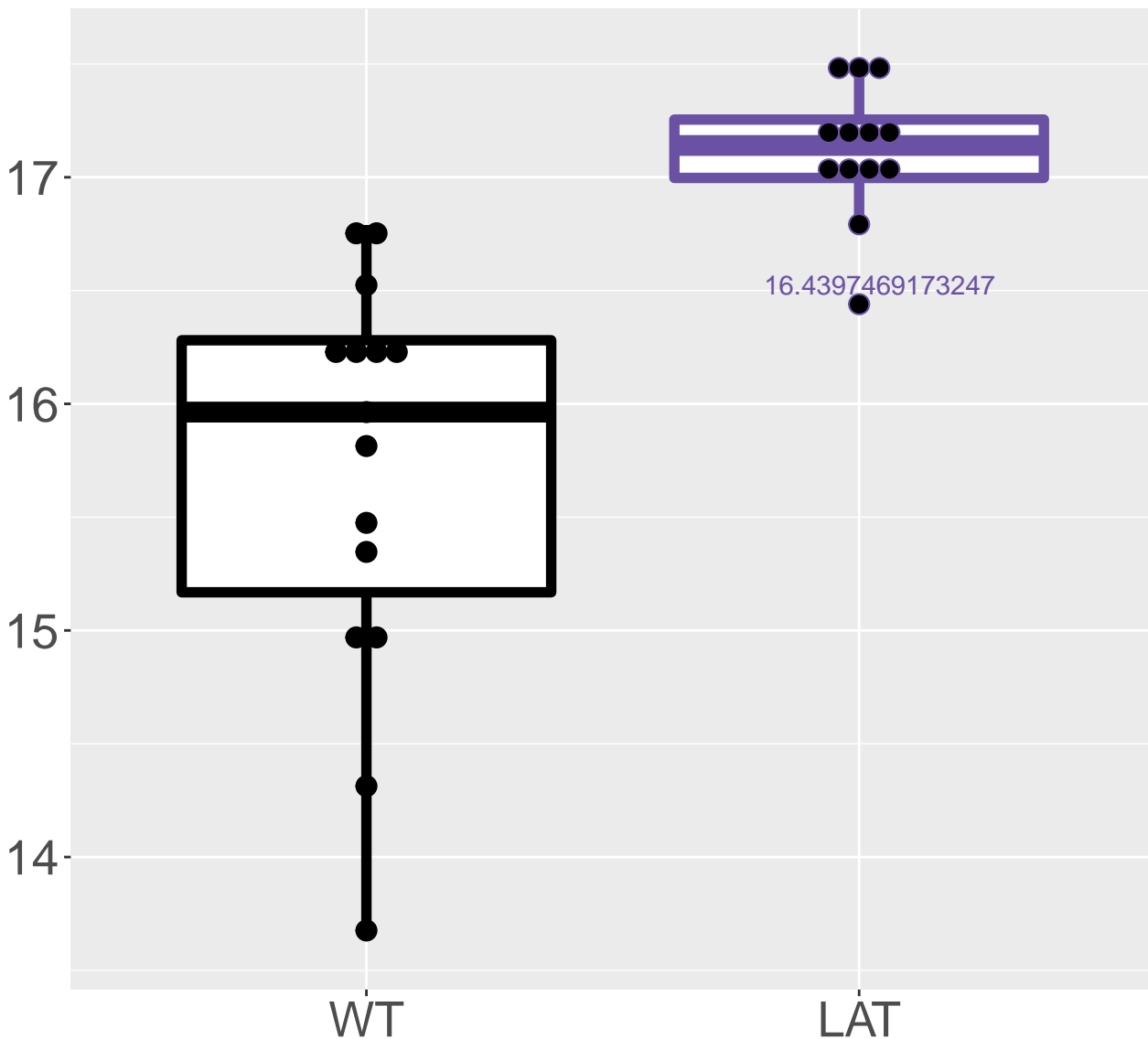
M811.3212T602.66

FDR = $8e-05$, FC = -0.73



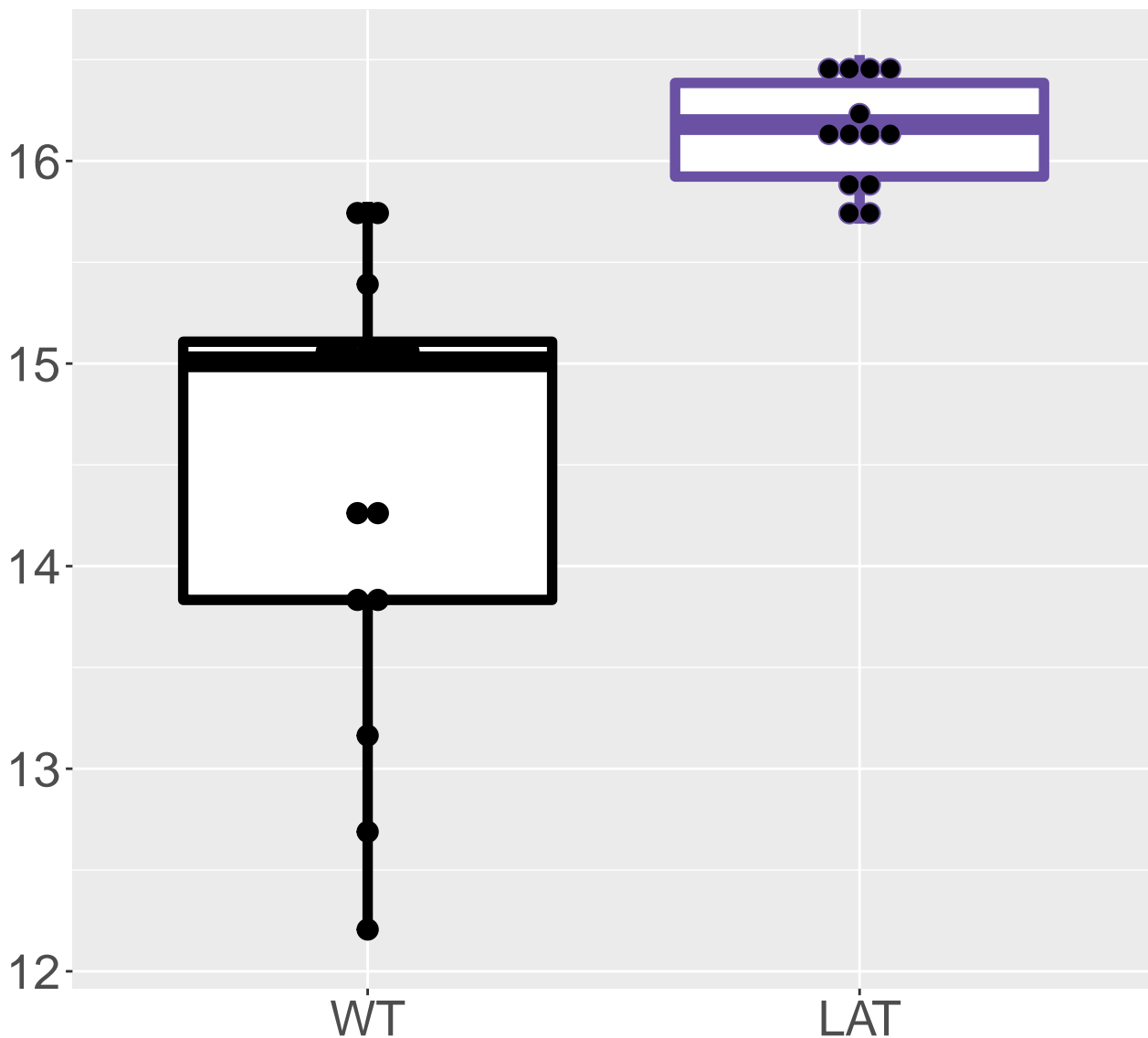
M802.0286T555.14

FDR = $8e-05$, FC = 1.4



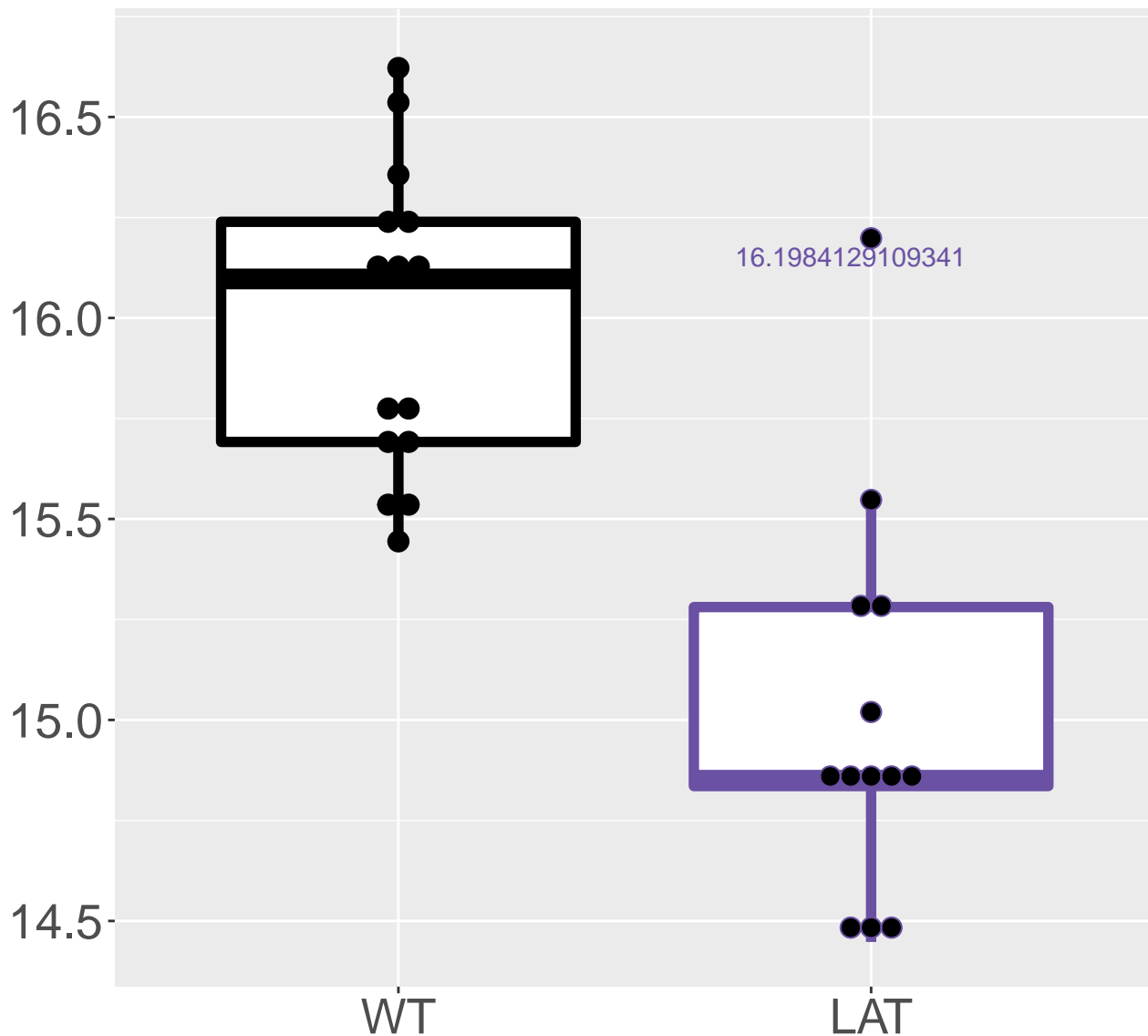
M705.0556T556.23

FDR = $8.1\text{e-}05$, FC = 1.7



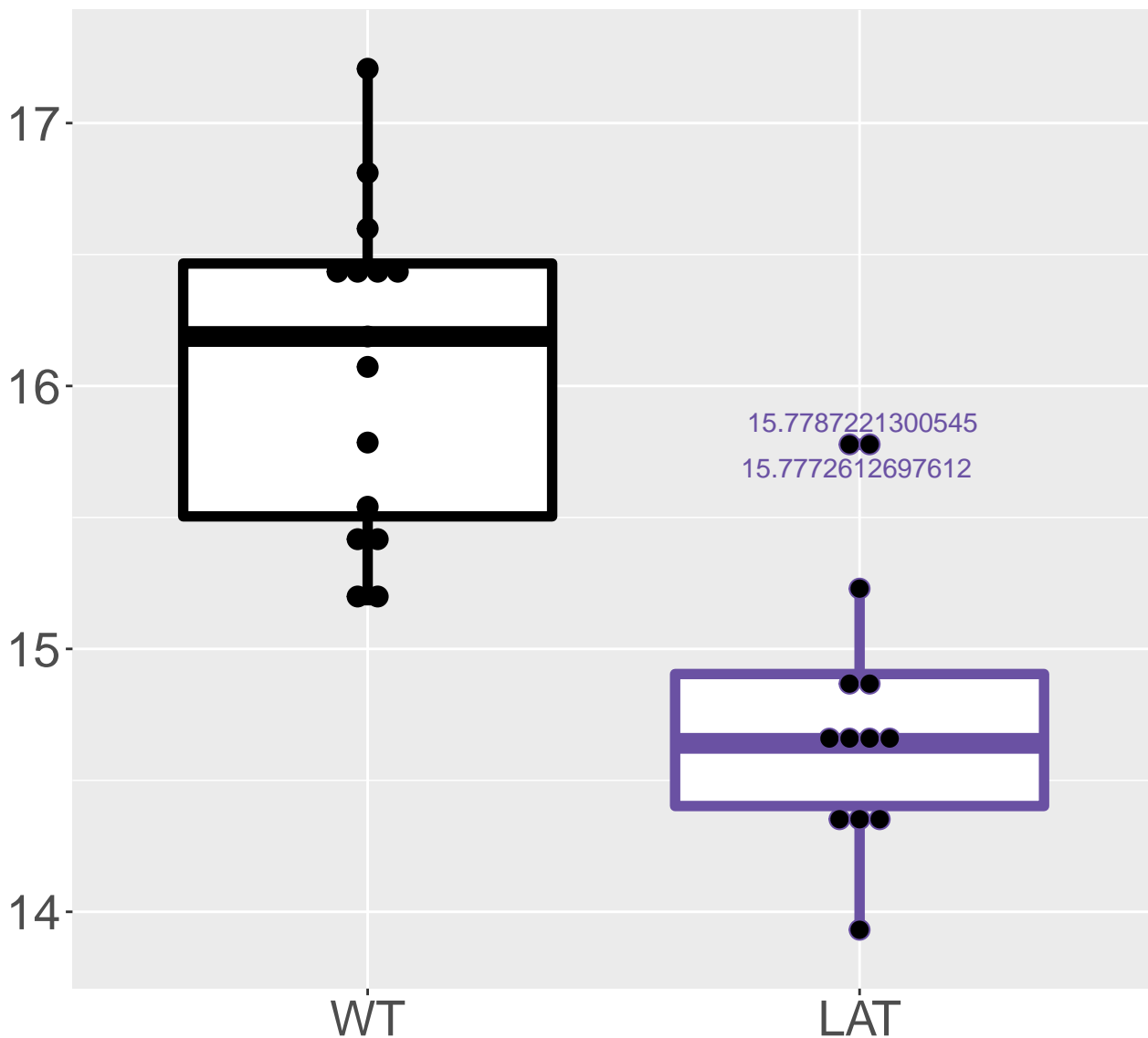
M738.7407T667.97_1

FDR = $8.5e-05$, FC = -0.98



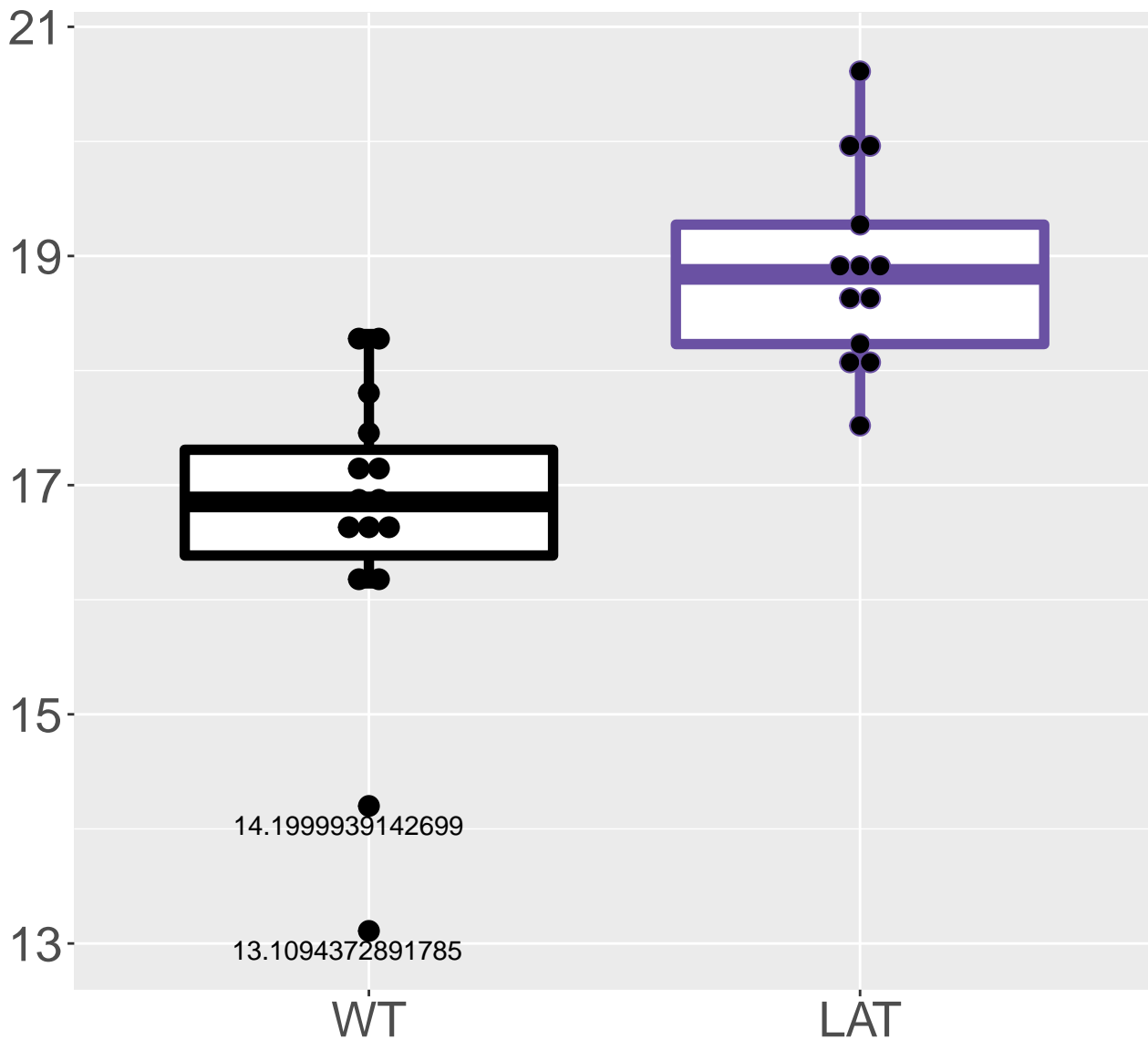
M970.2936T634.25

FDR = $8.7e-05$, FC = -1.3

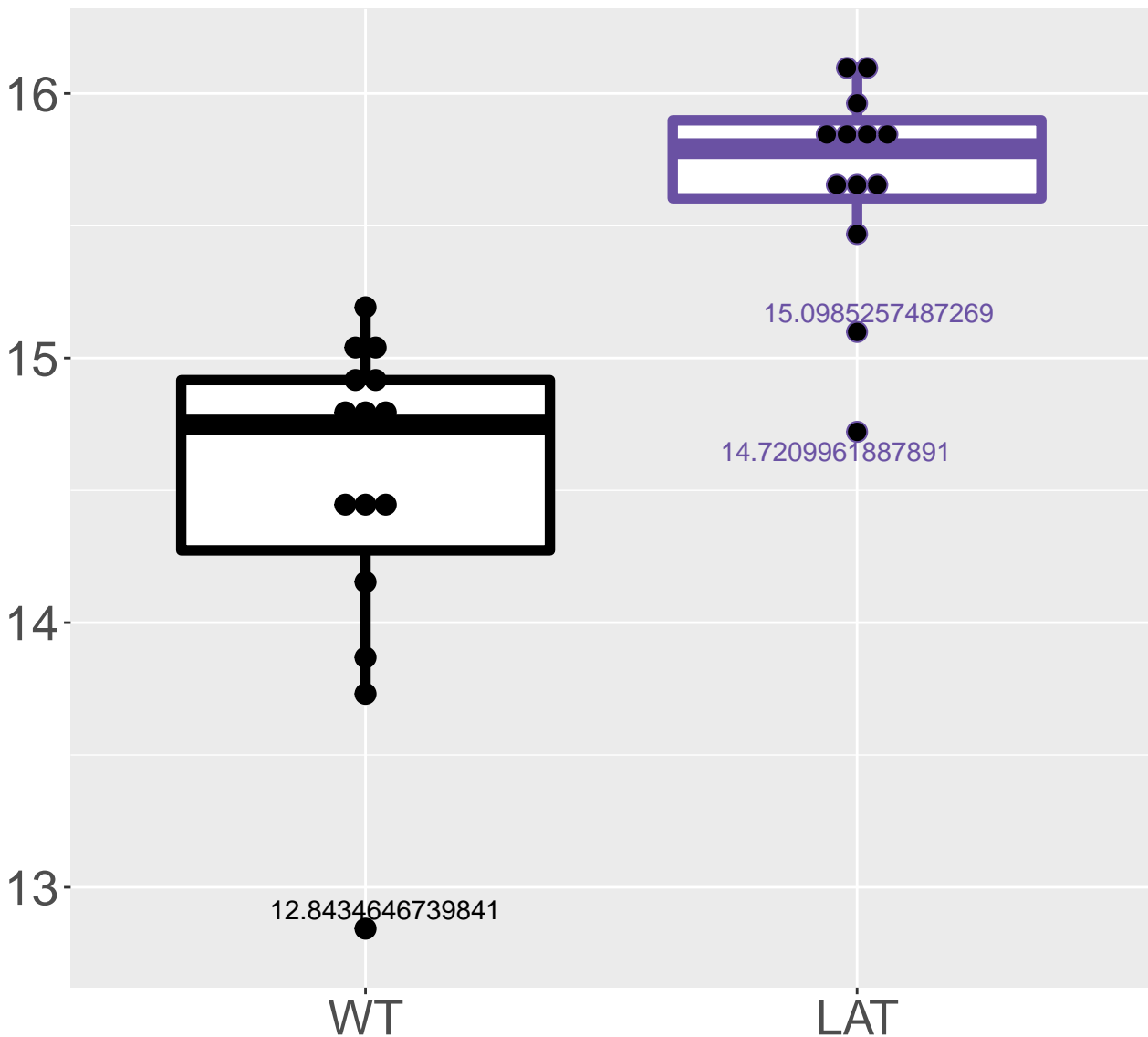


M199.0014T458.99

FDR = $8.7e-05$, FC = 2.3, sex*

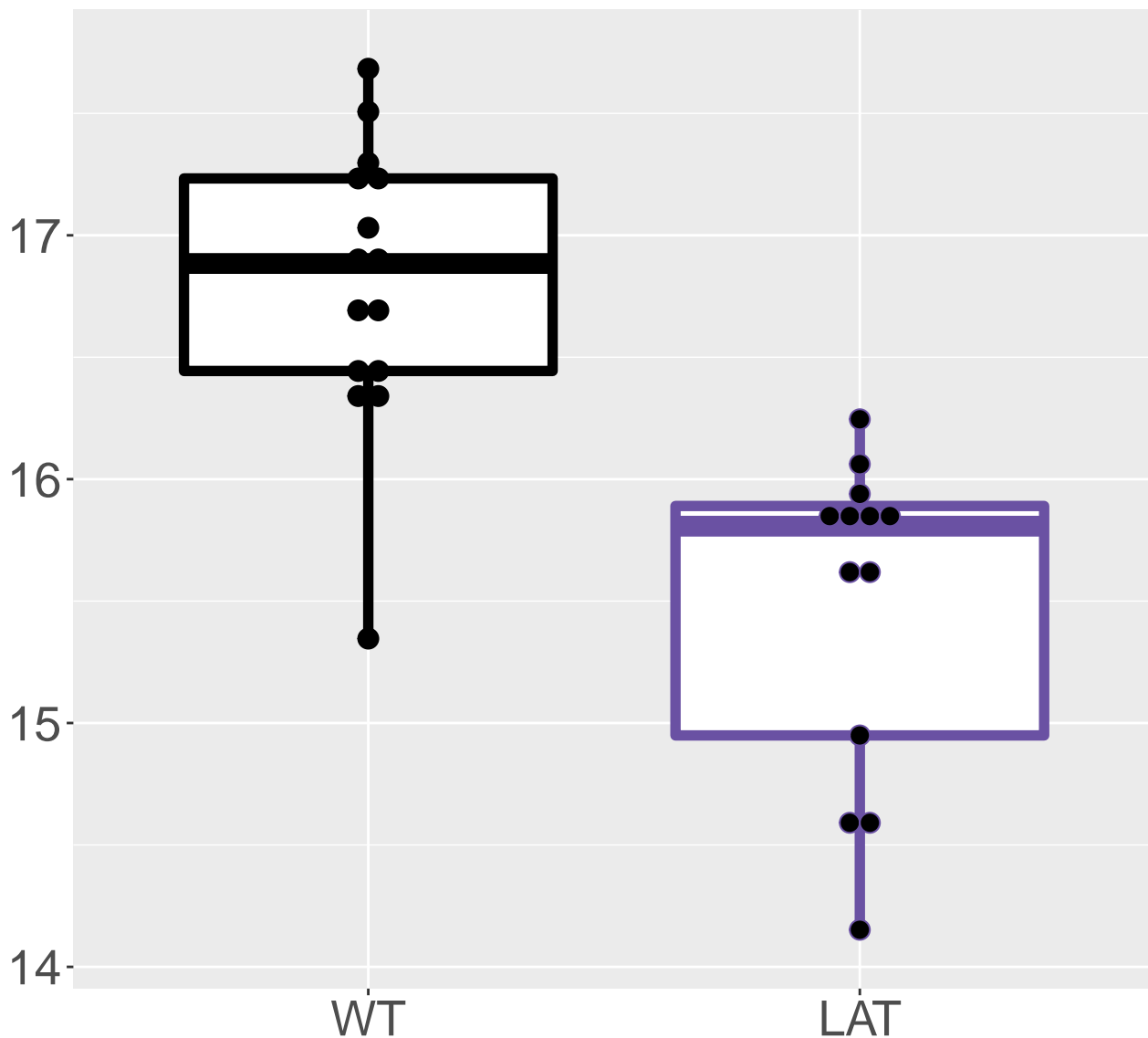


M303.5069T620.41
FDR = 9e-05, FC = 1.2



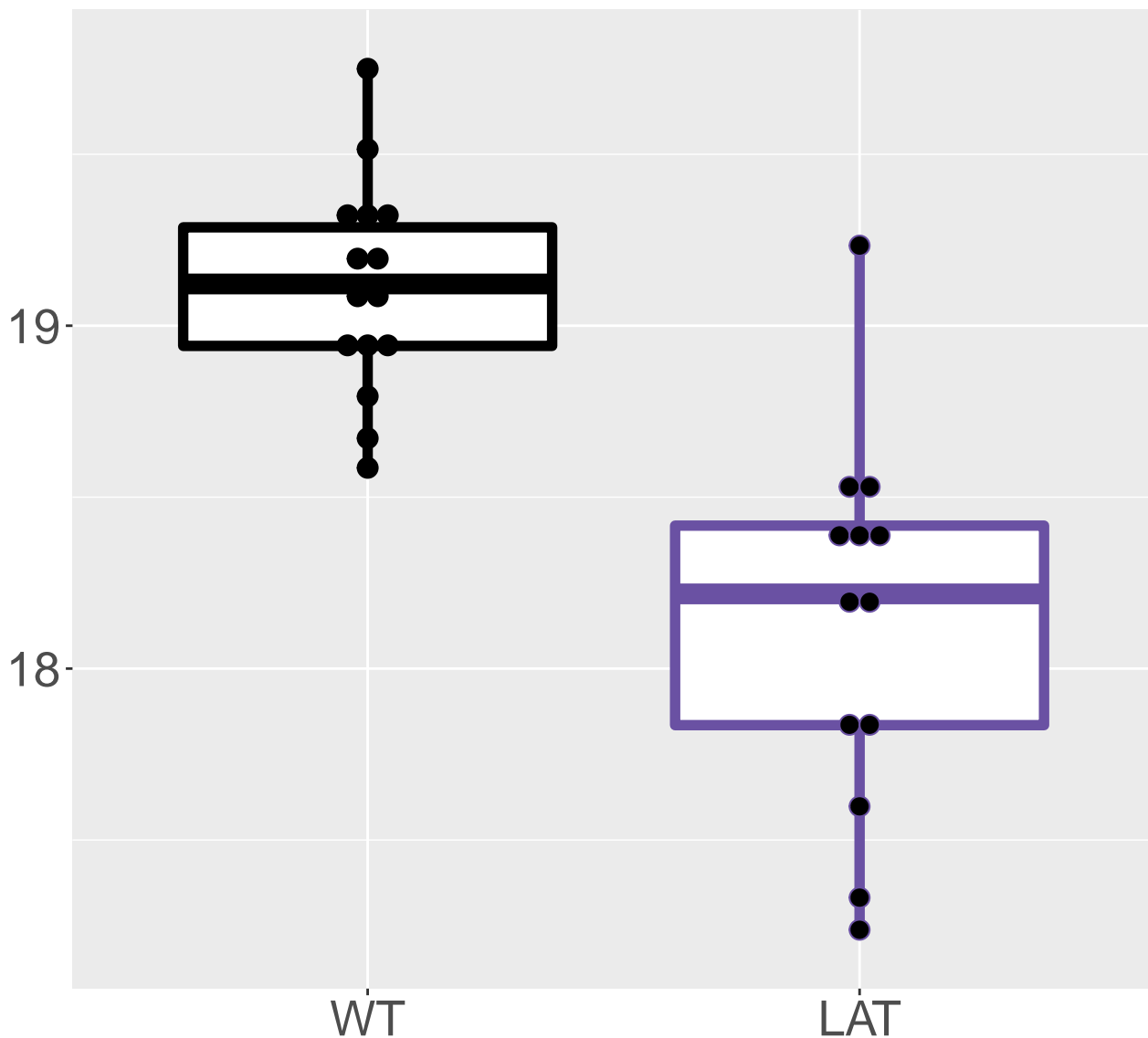
M396.0472T543.3

FDR = $9.2e-05$, FC = -1.3



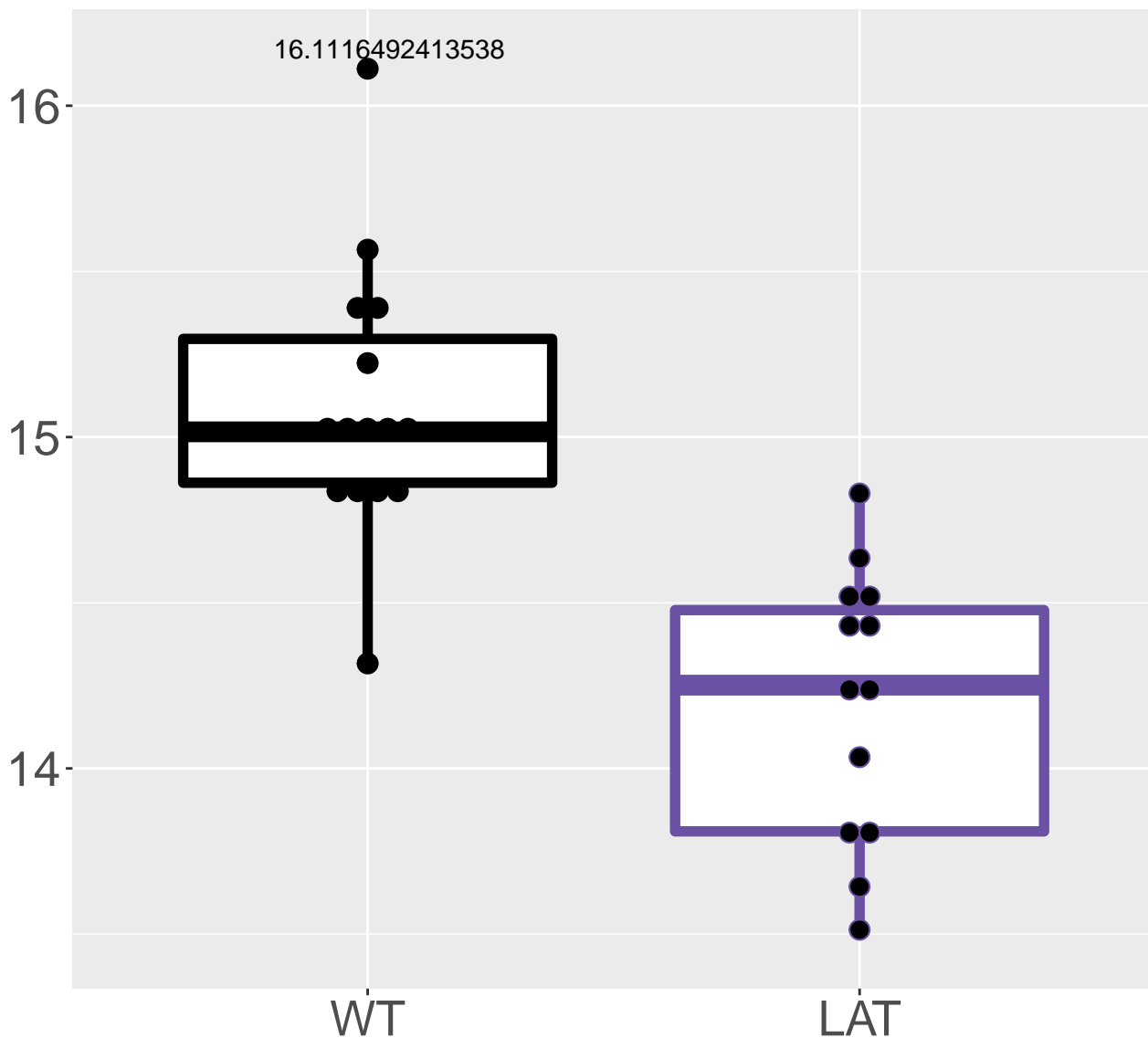
M266.1251T297.86

FDR = $9.2e-05$, FC = -0.98

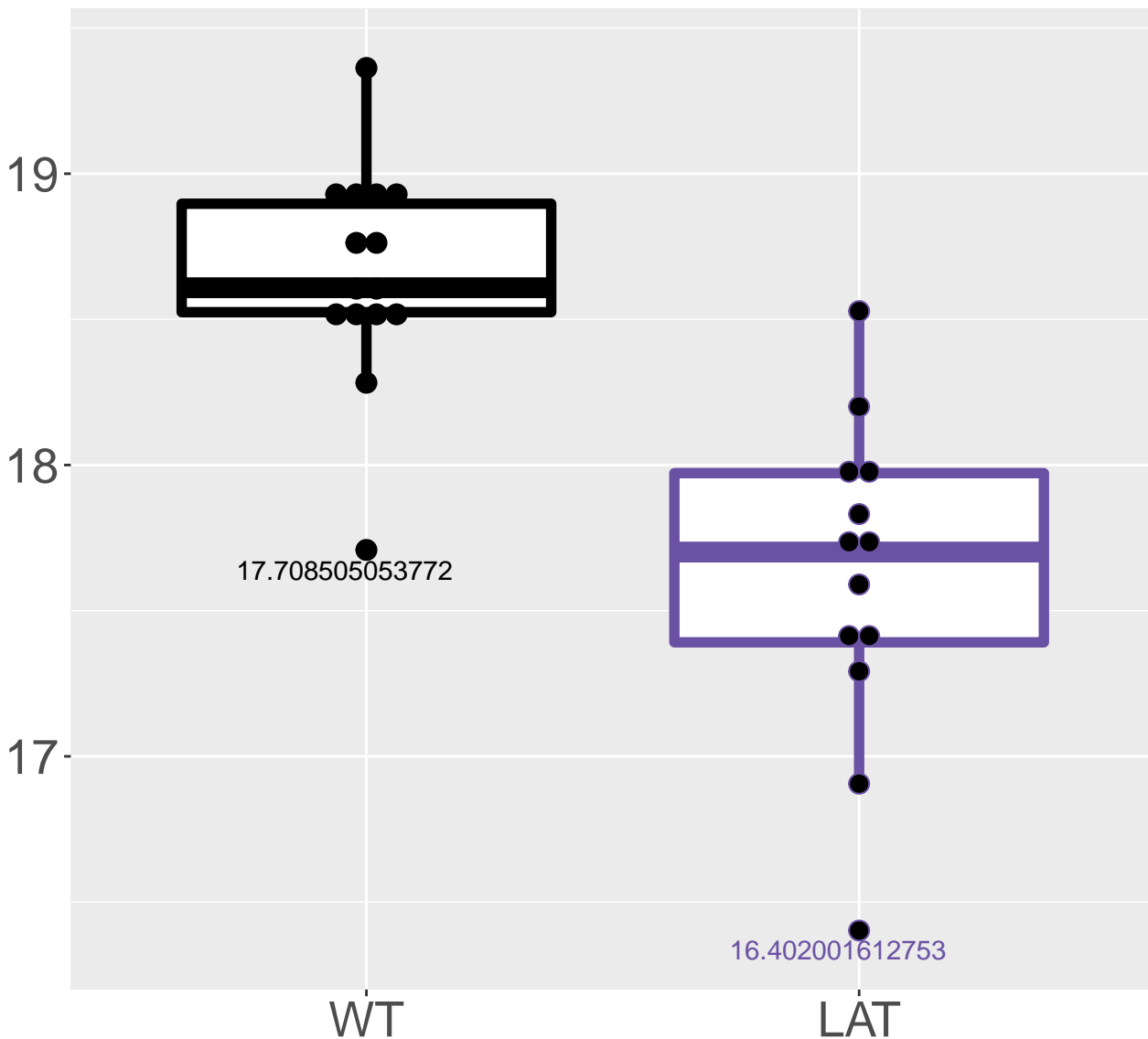


M197.0667T387.27

FDR = $9.2e-05$, FC = -0.9

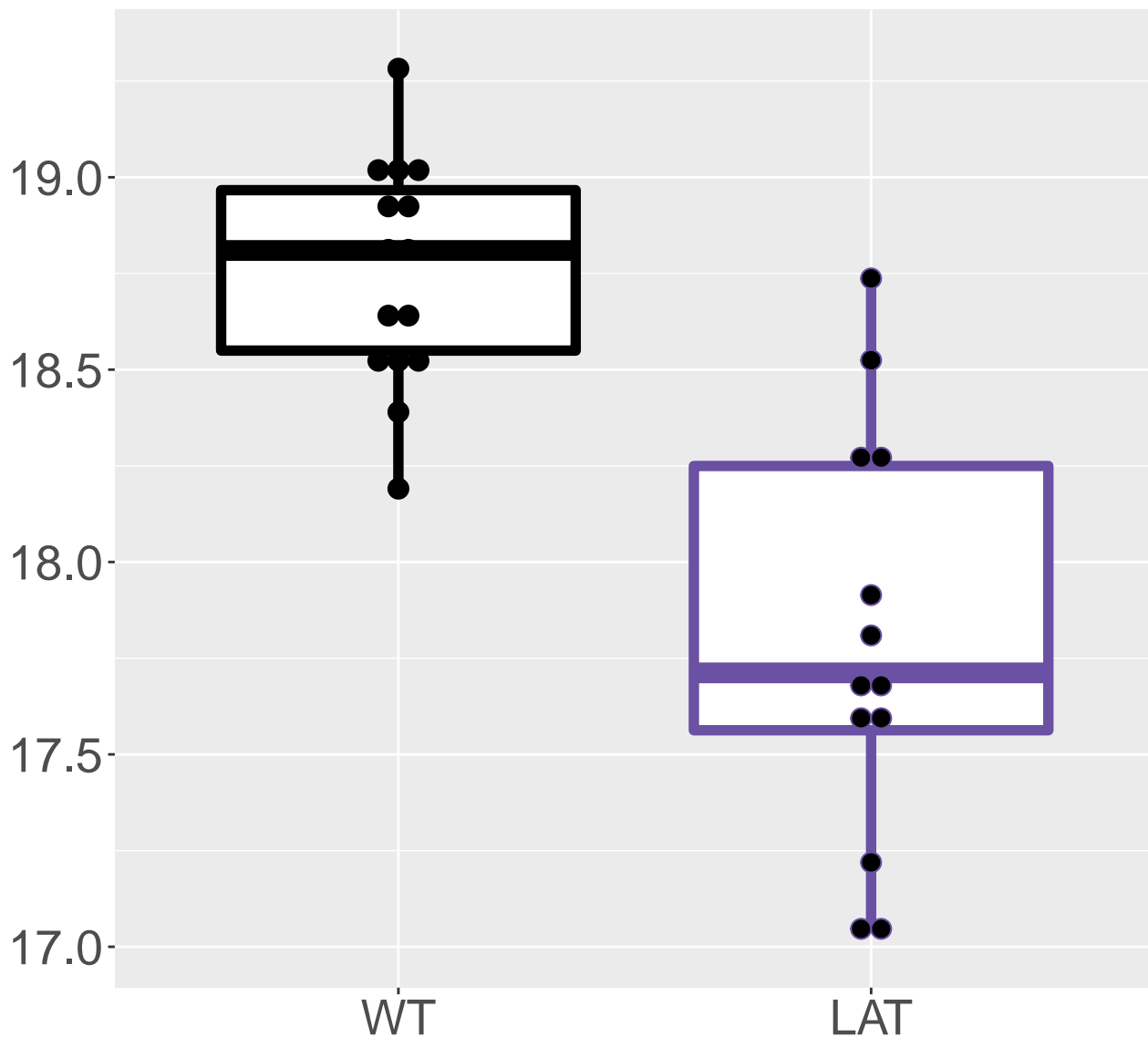


M261.1823T217
FDR = $9.3e-05$, FC = -1



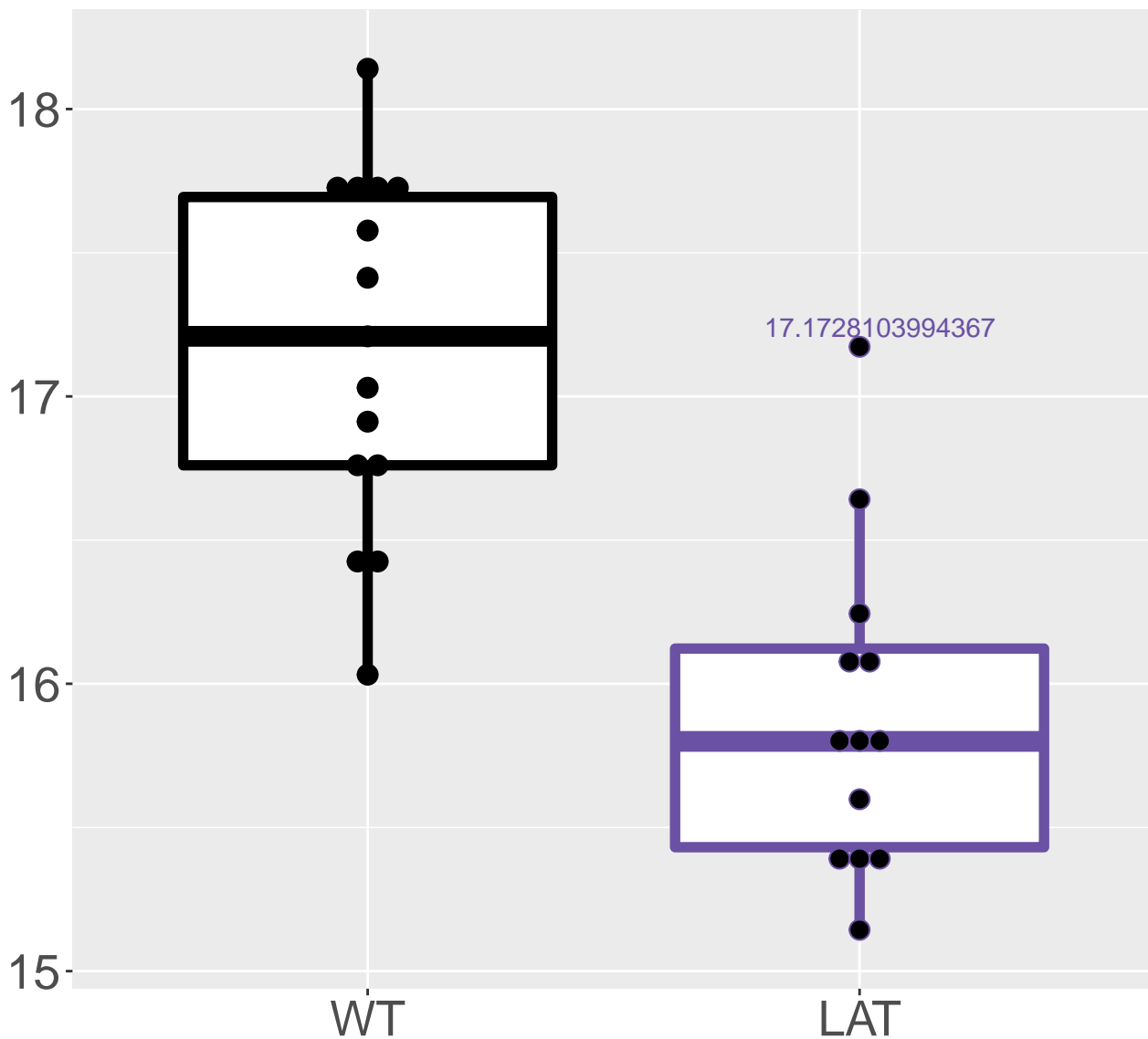
M339.1211T254.7

FDR = $9.8e-05$, FC = -0.95



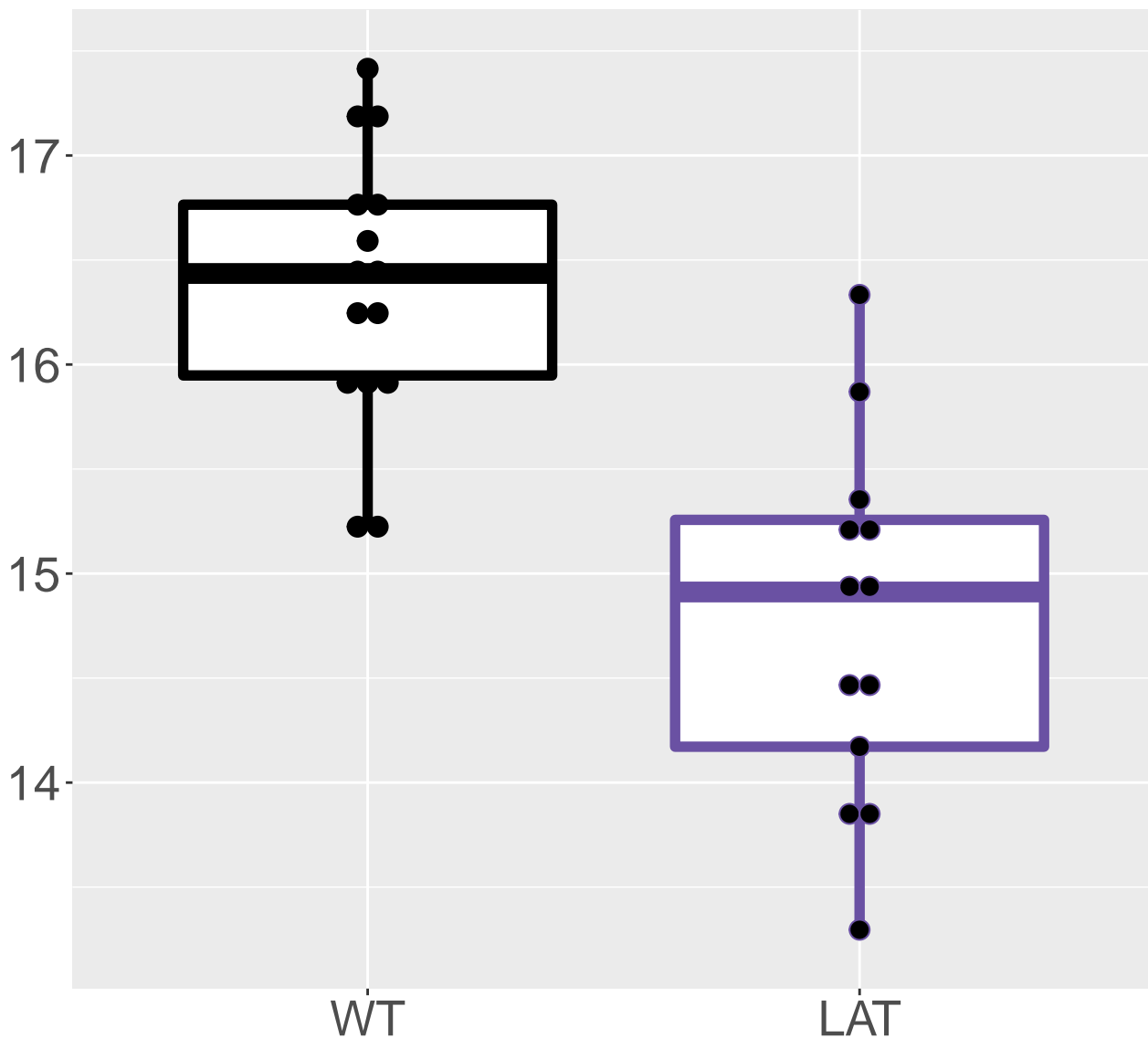
M908.2941T634.53

FDR = $9.8e-05$, FC = -1.3



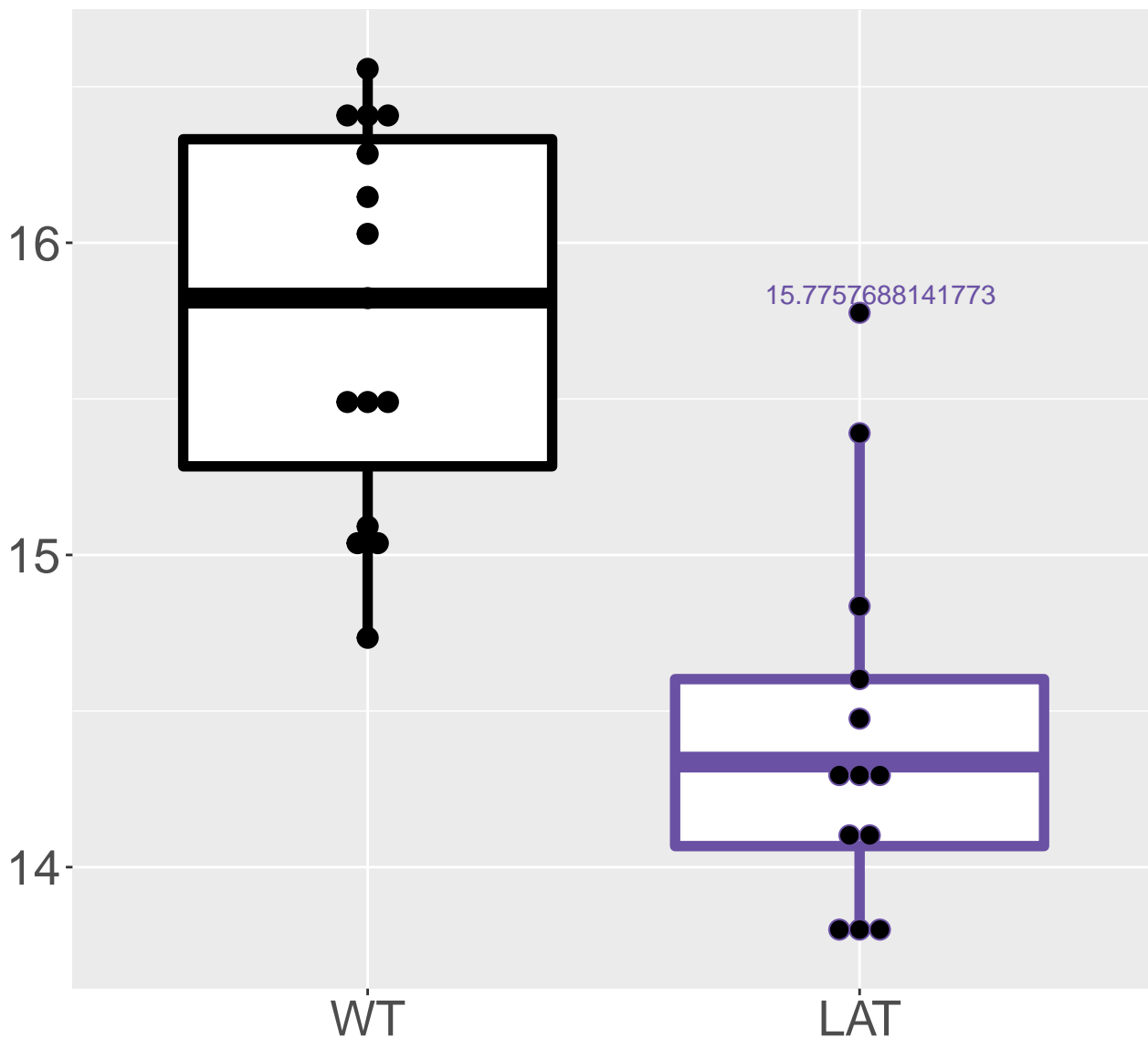
M367.6226T559.37

FDR = $9.9\text{e-}05$, FC = -1.6



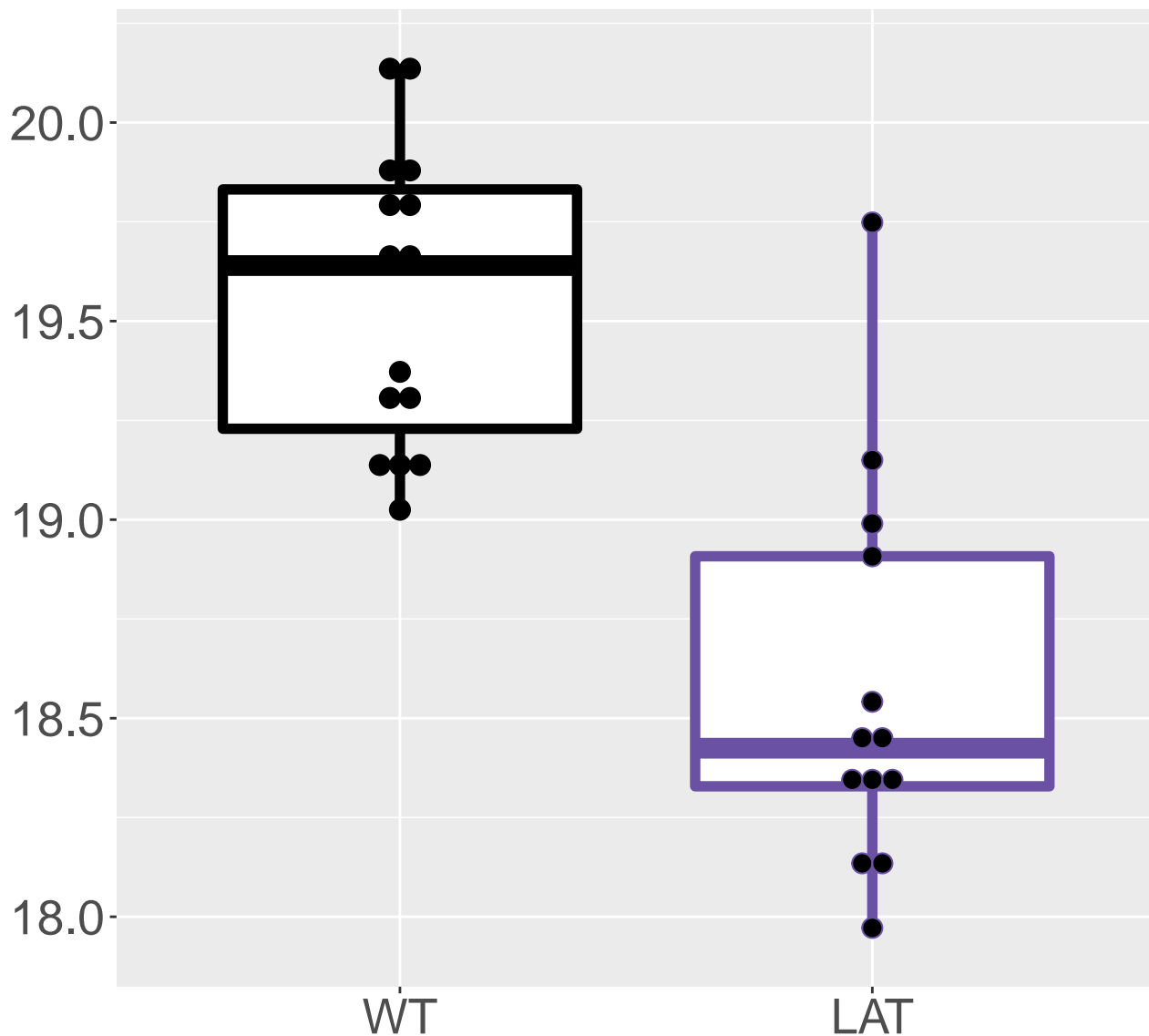
M909.2974T634.71

FDR = $9.9\text{e-}05$, FC = -1.3



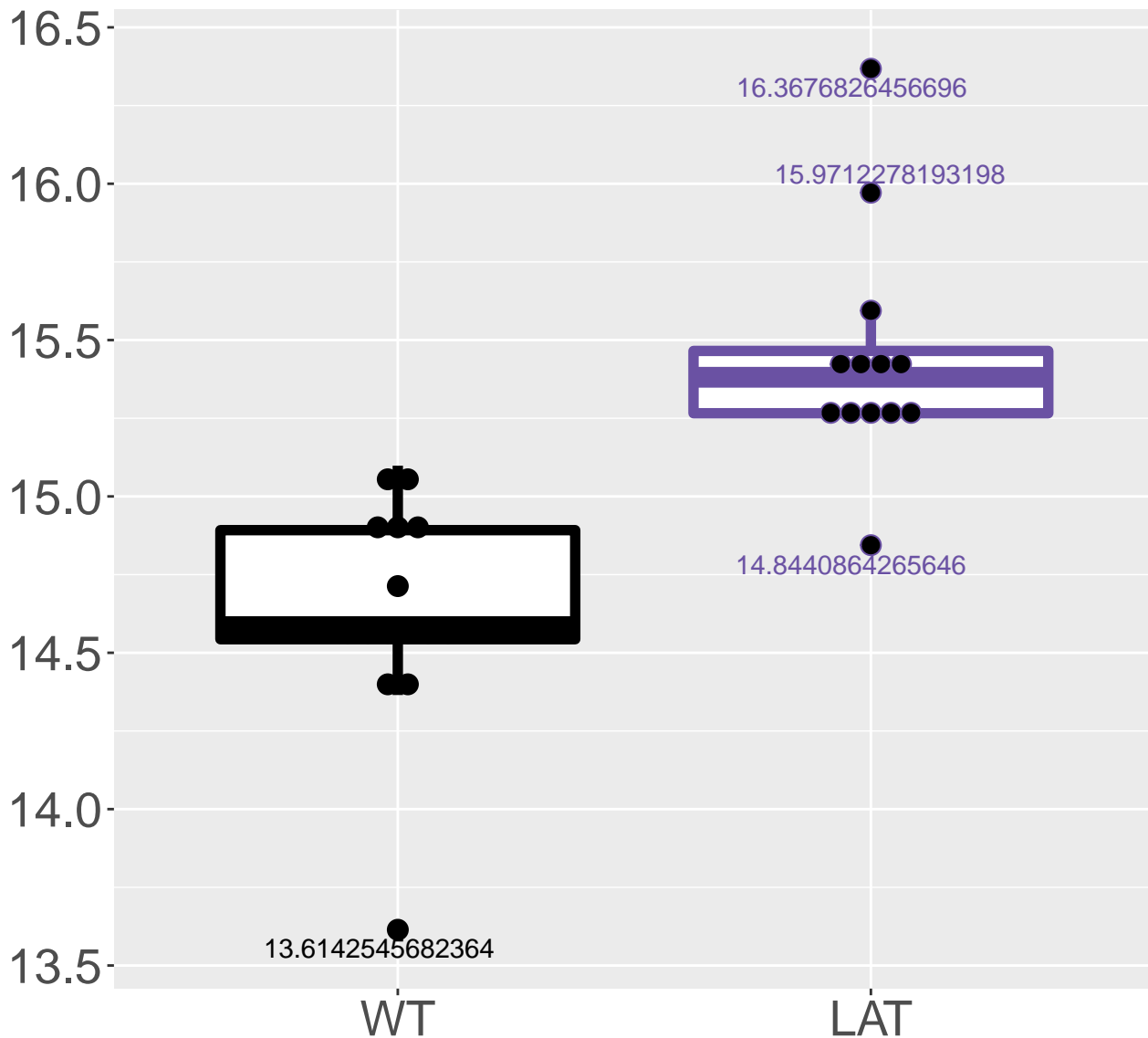
M737.2364T667.84

FDR = $9.9\text{e-}05$, FC = -0.98



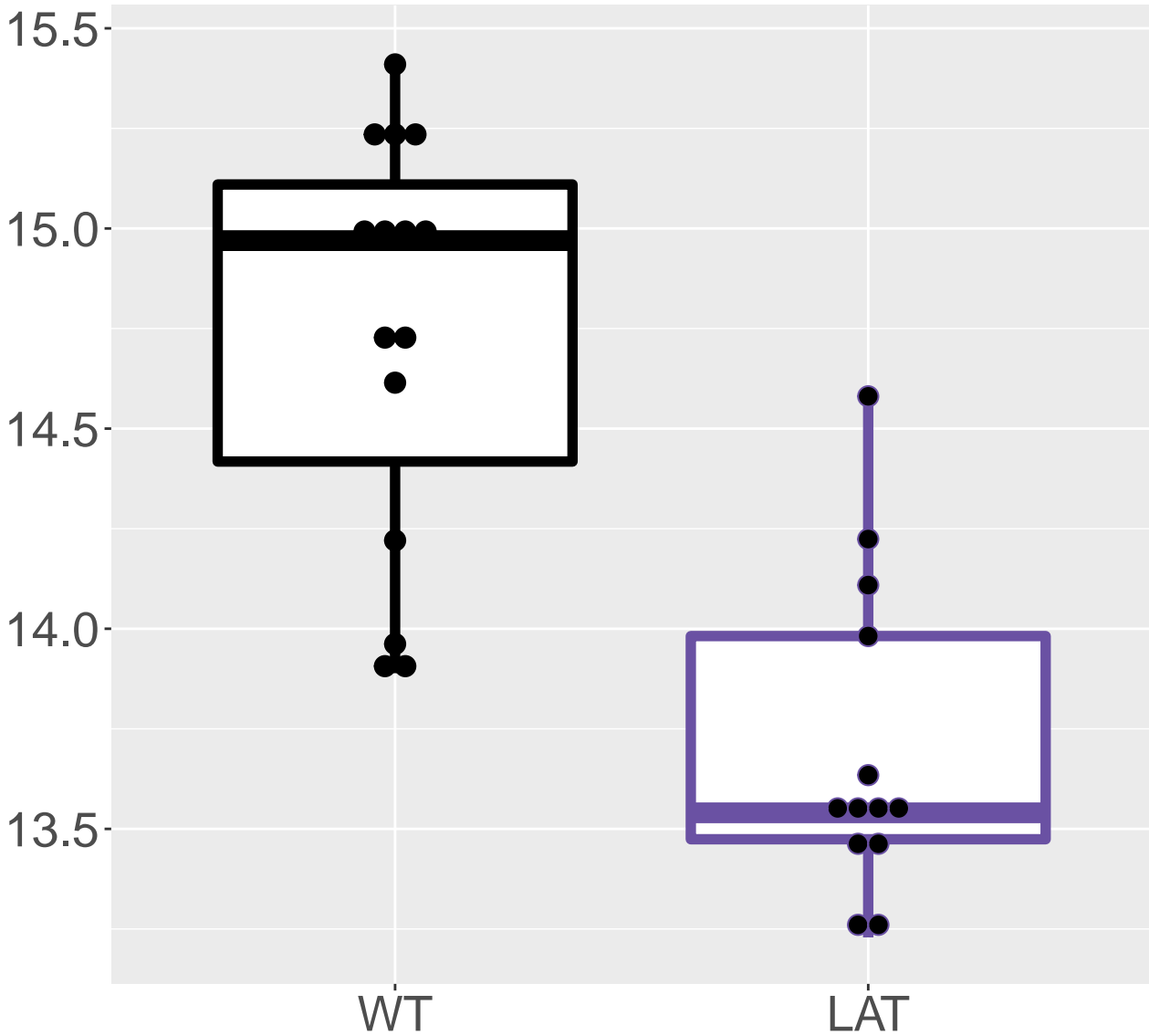
M415.1465T560.88

FDR = 9.9e-05, FC = 0.82



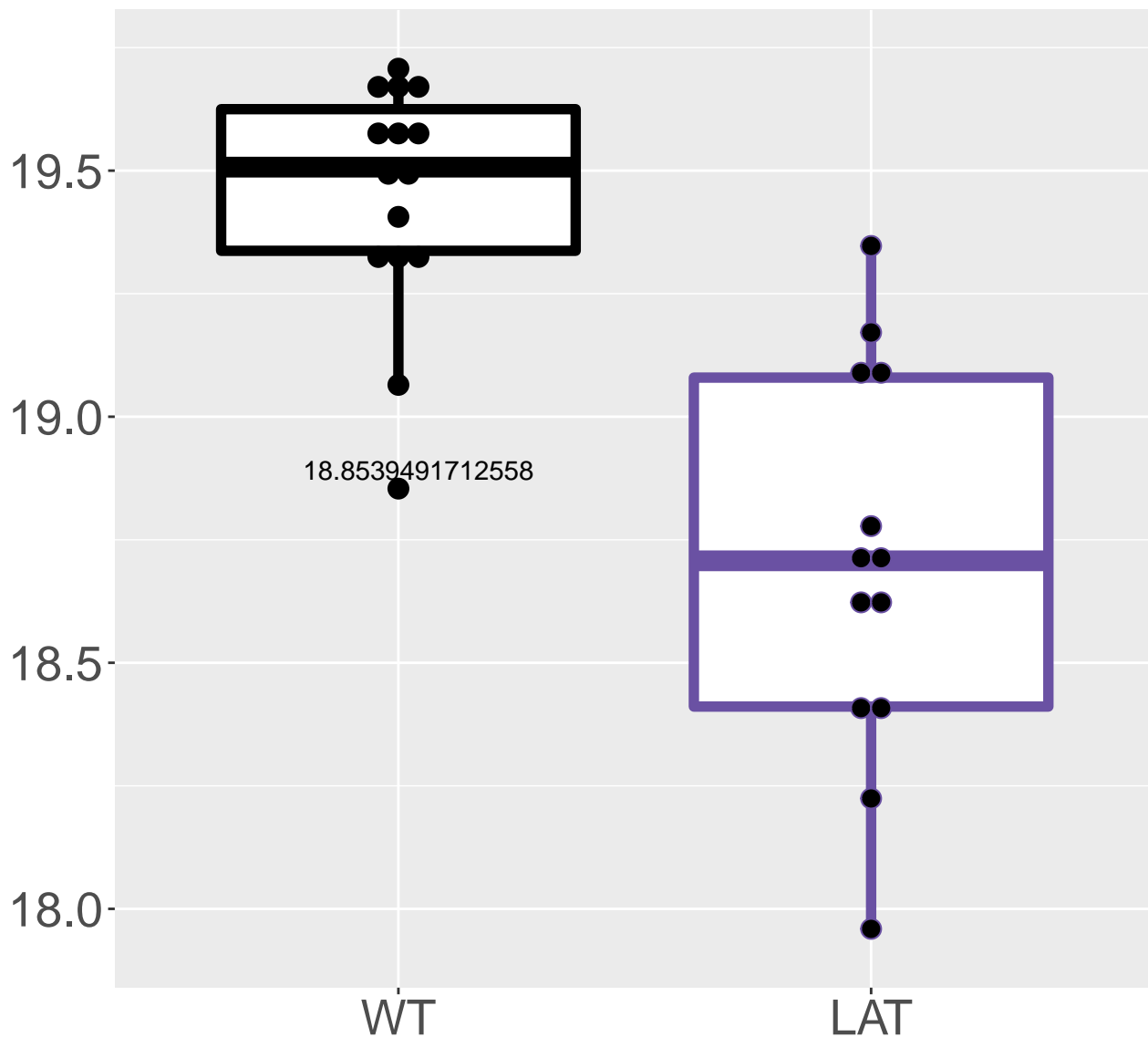
M354.112T626.47_2

FDR = 9.9e-05, FC = -1

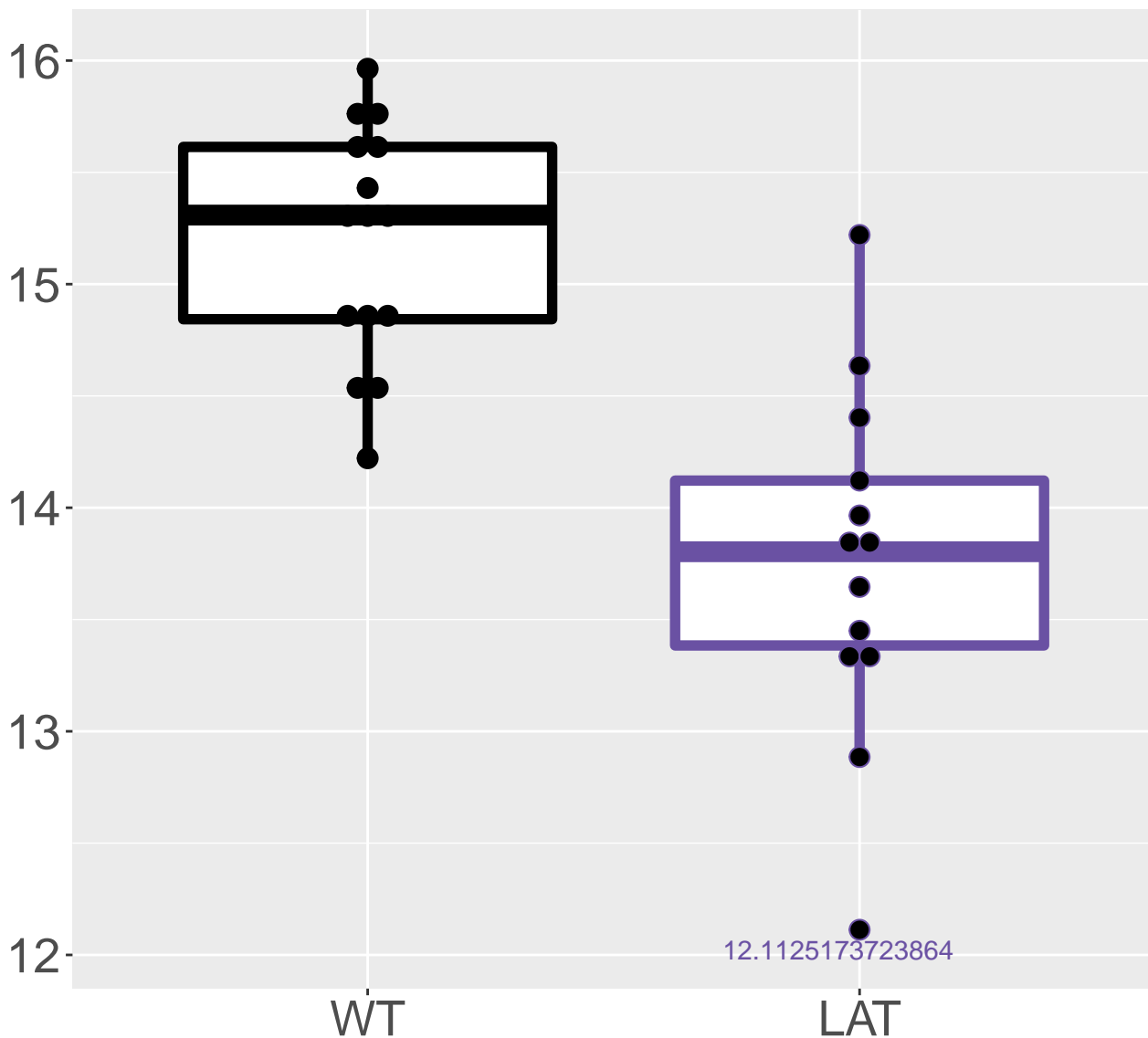


M635.2524T570.89

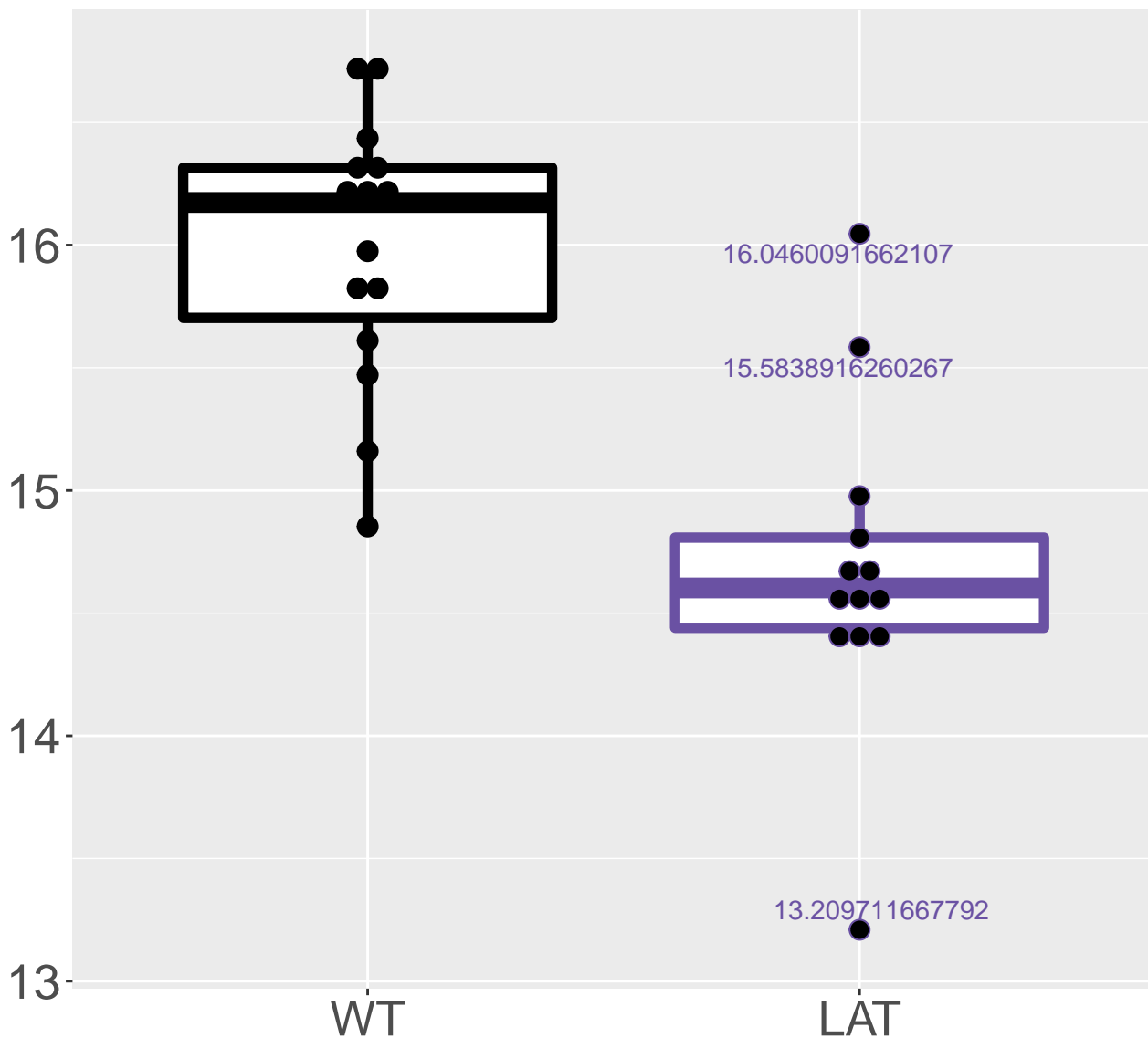
FDR = 1e-04, FC = -0.75



M963.2869T621.29_2
FDR = 1e-04, FC = -1.4

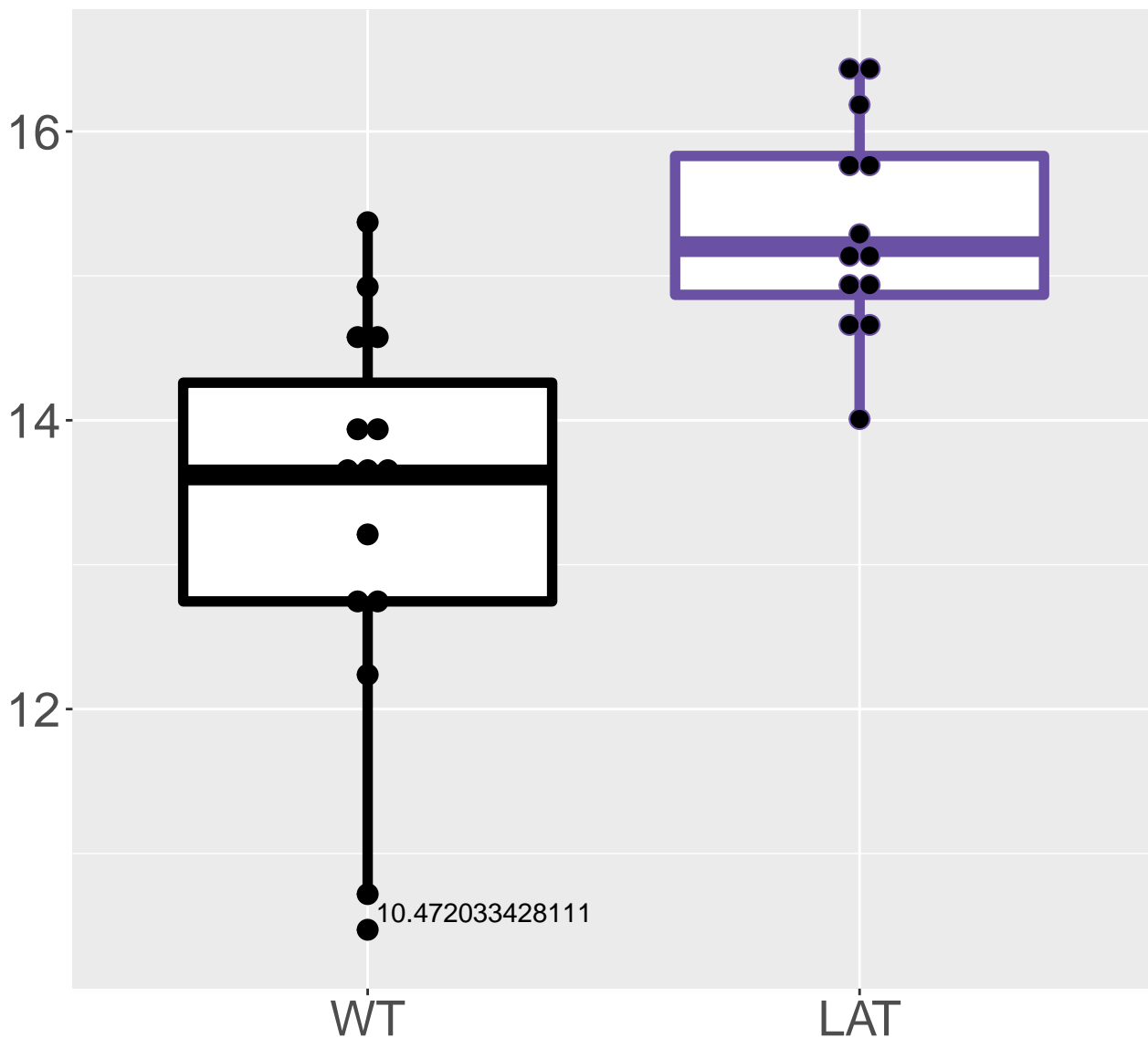


M962.7858T621.2_1
FDR = 1e-04, FC = -1.3



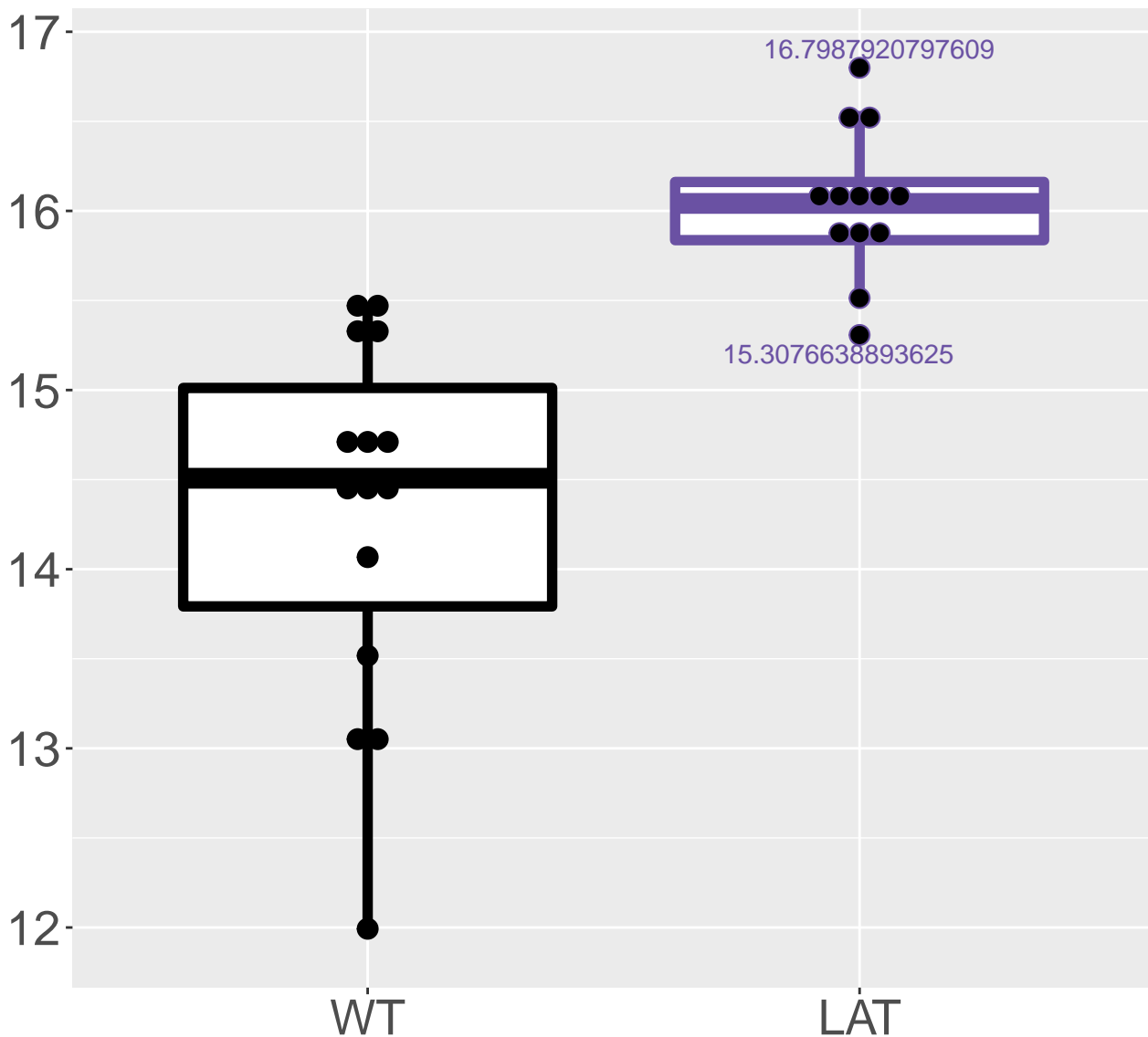
M299.0656T187.13

FDR = 1e-04, FC = 2, sex**



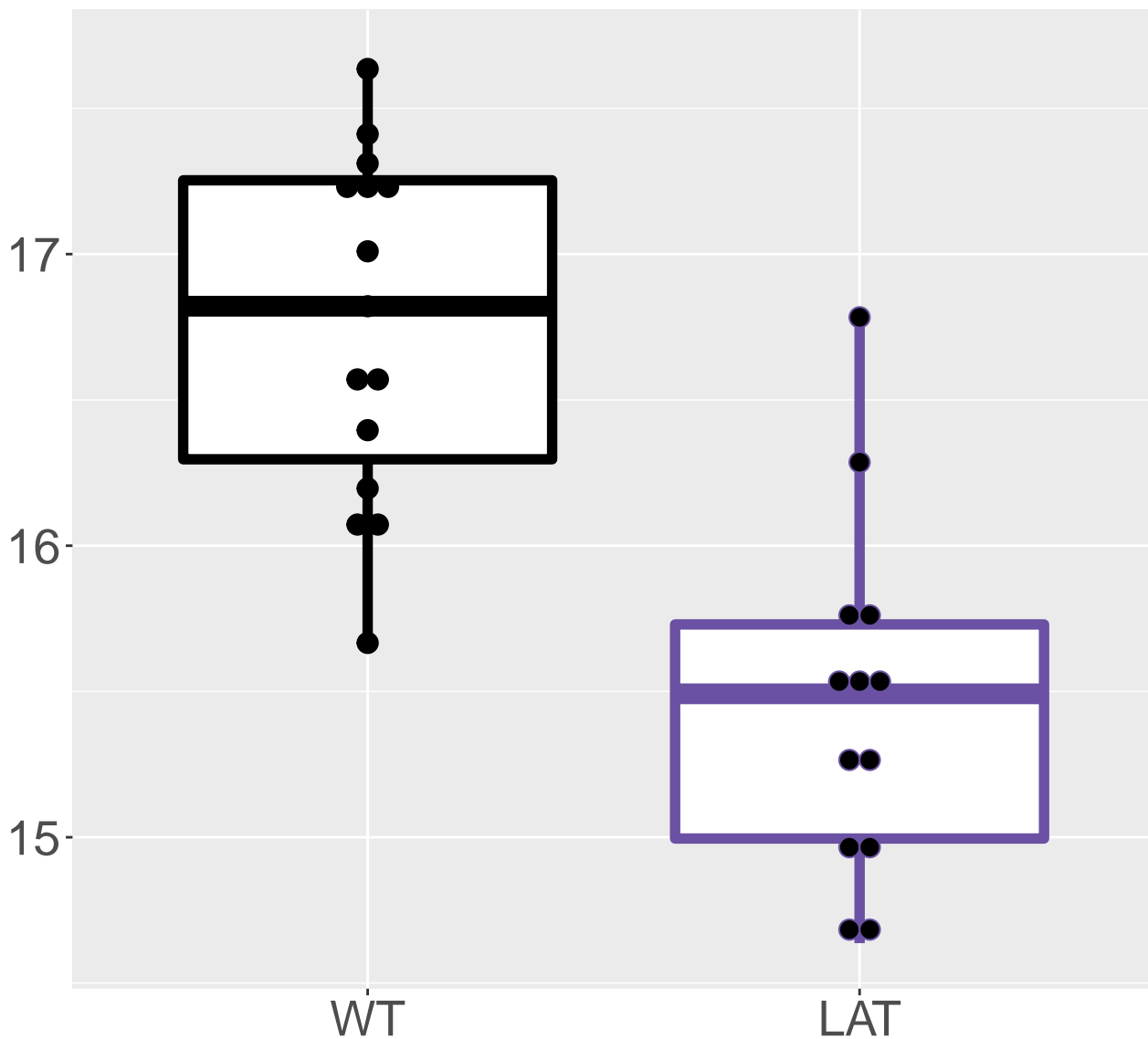
M570.145T539.42

FDR = 0.00011, FC = 1.7

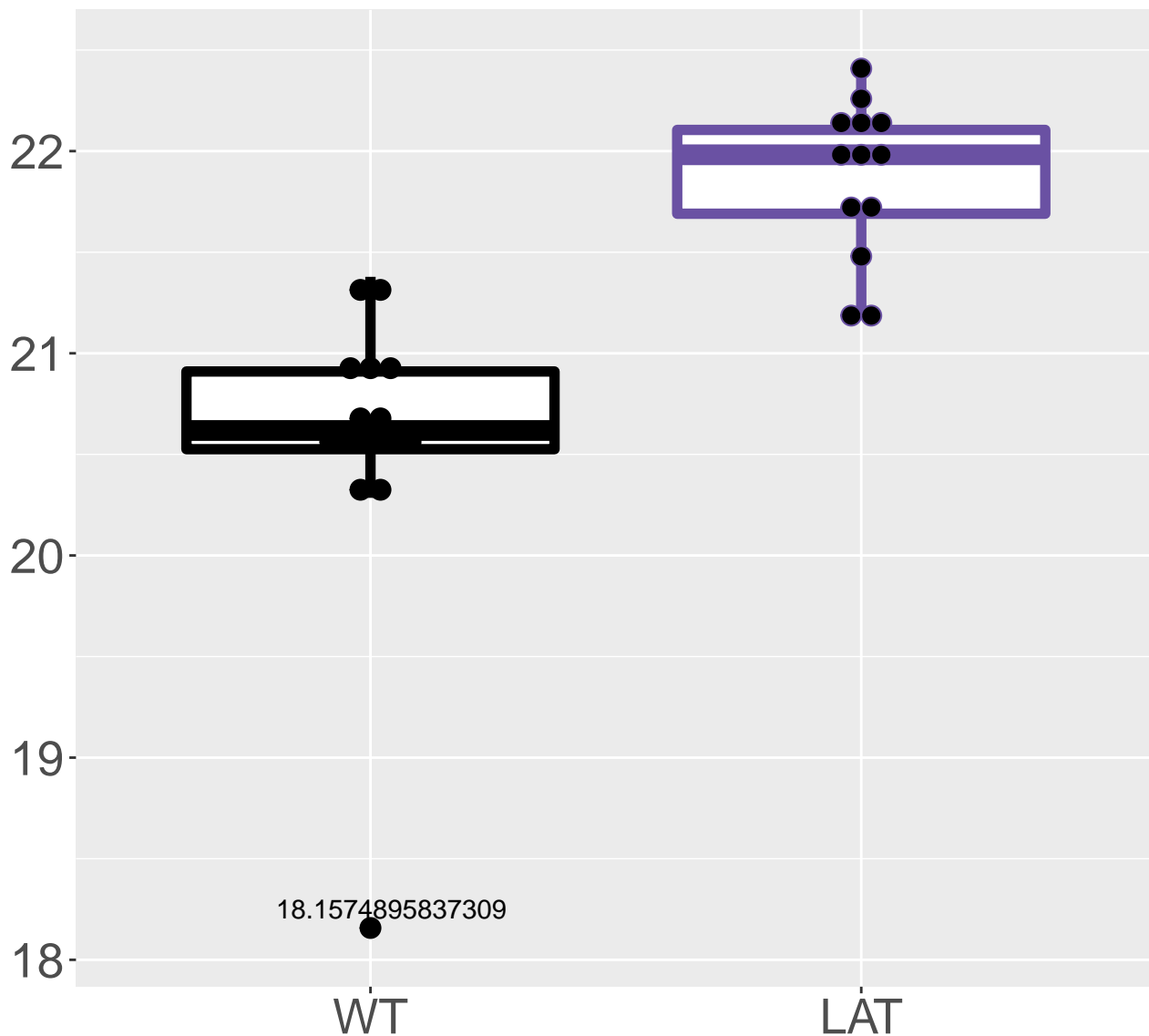


M908.7958T634.43

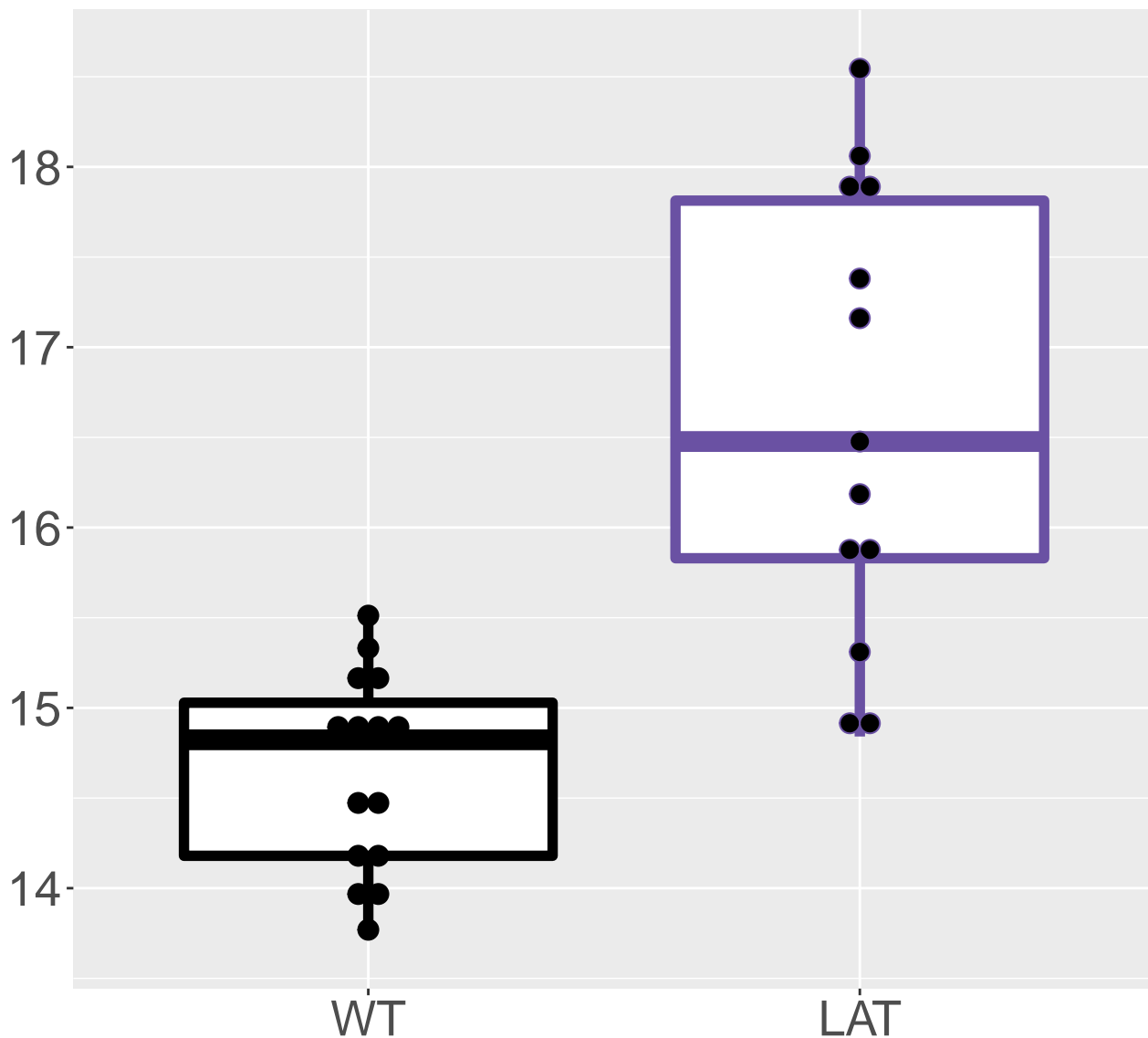
FDR = 0.00011, FC = -1.3



M383.1149T369.4
FDR = 0.00011, FC = 1.3

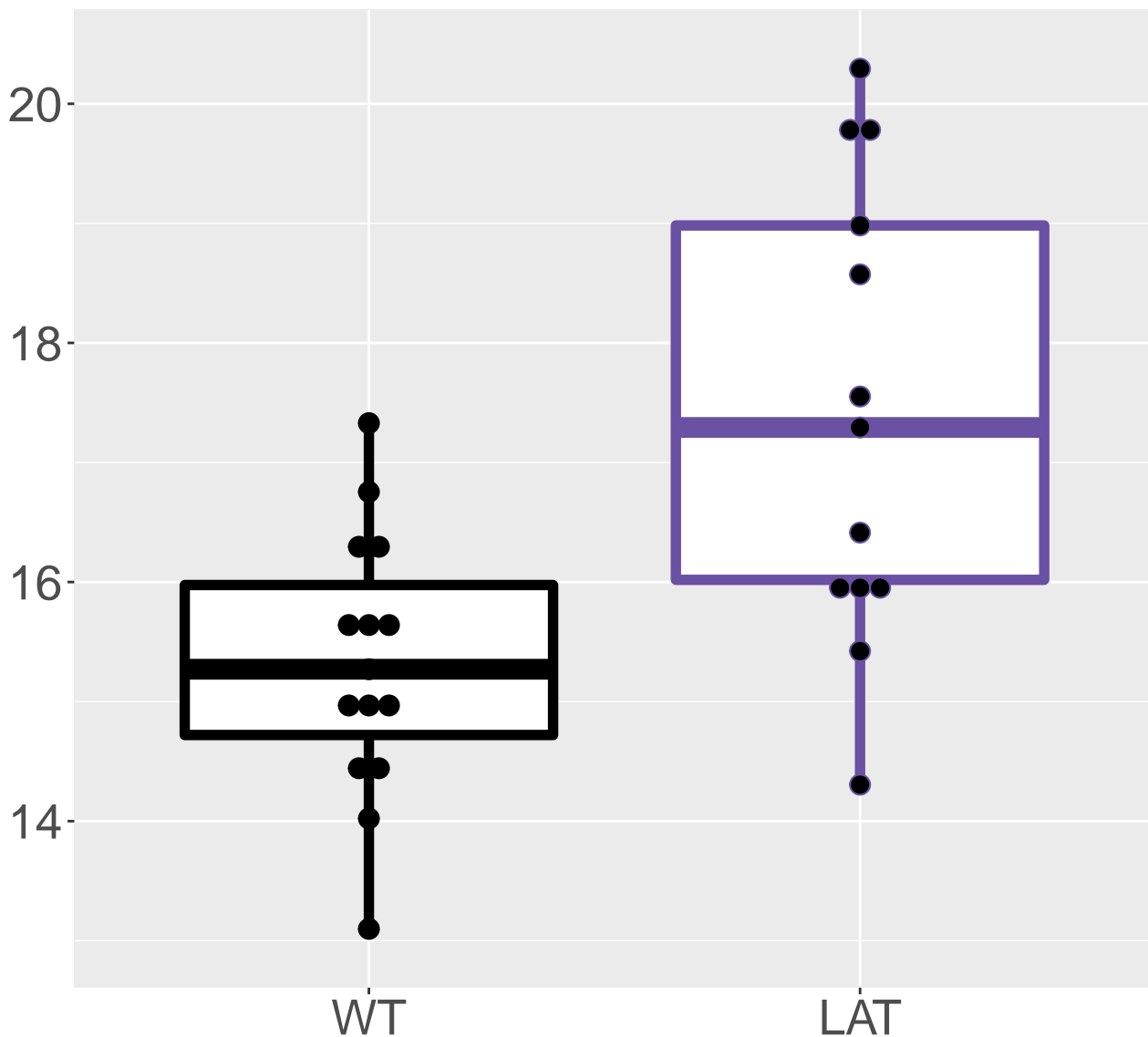


M116.9072T100.81
FDR = 0.00011, FC = 2



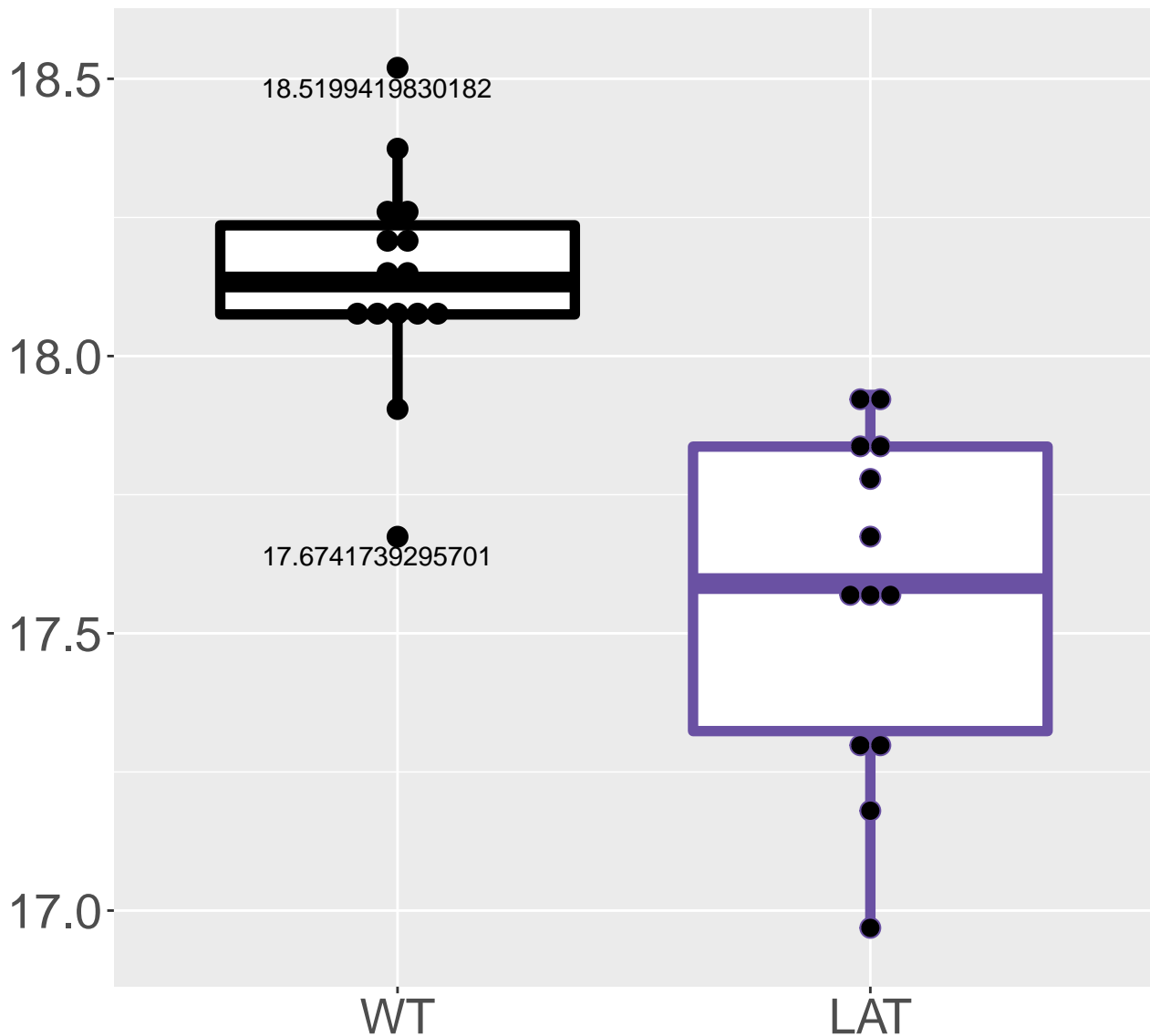
M180.5218T585.61

FDR = 0.00011, FC = 2.1, sex***



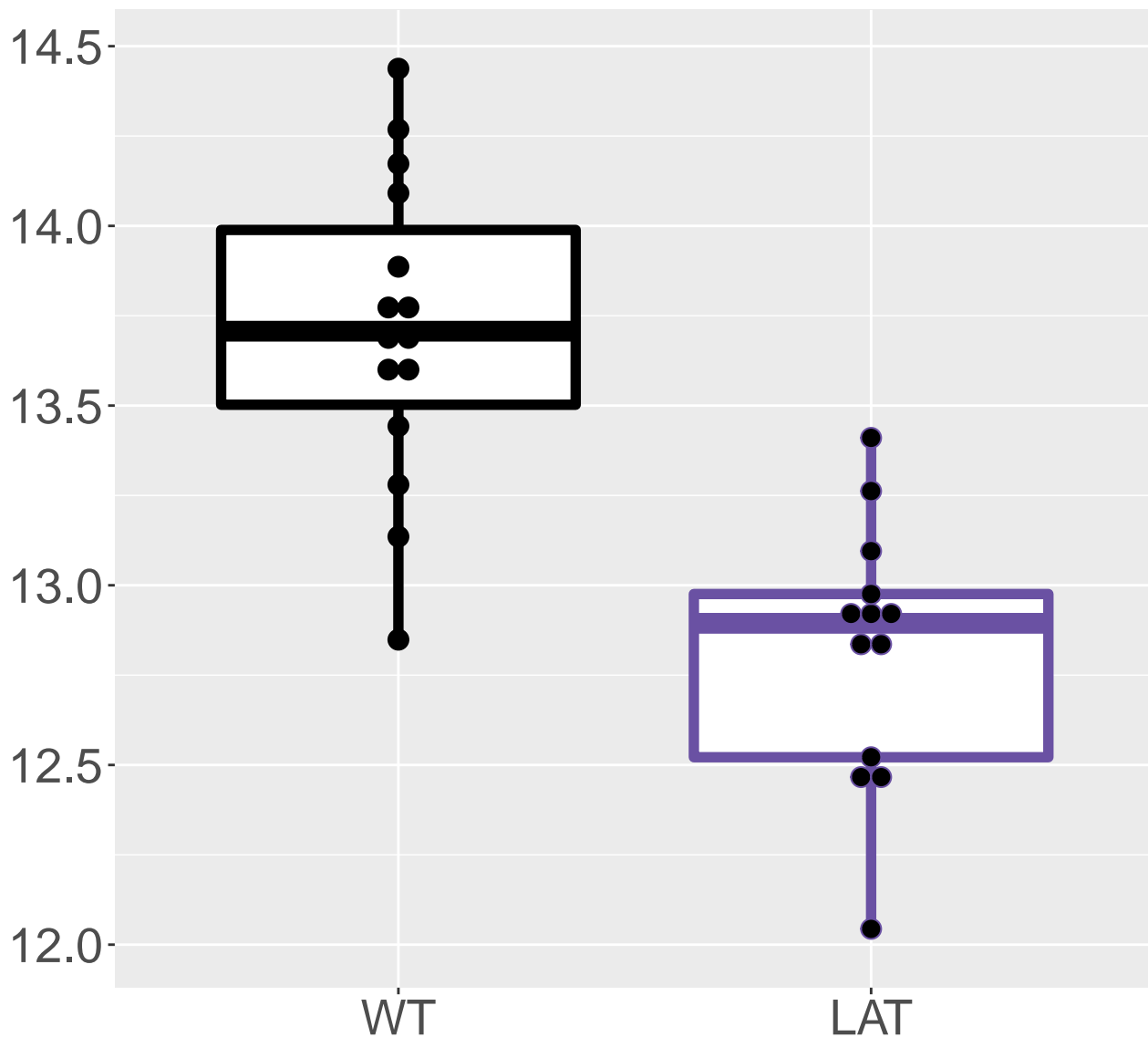
M332.1005T335.21

FDR = 0.00012, FC = -0.57



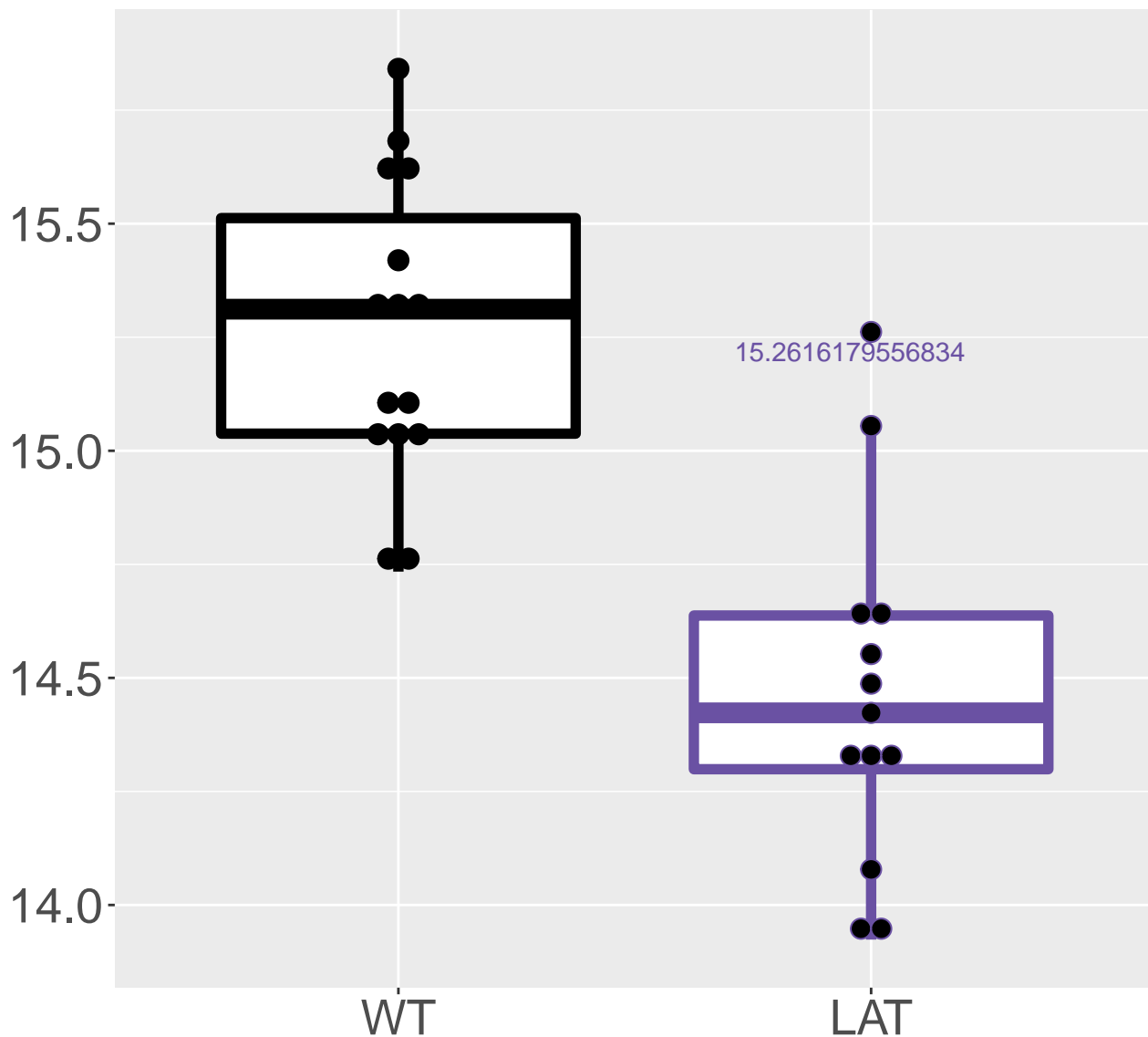
M957.7828T635.12

FDR = 0.00012, FC = -0.89



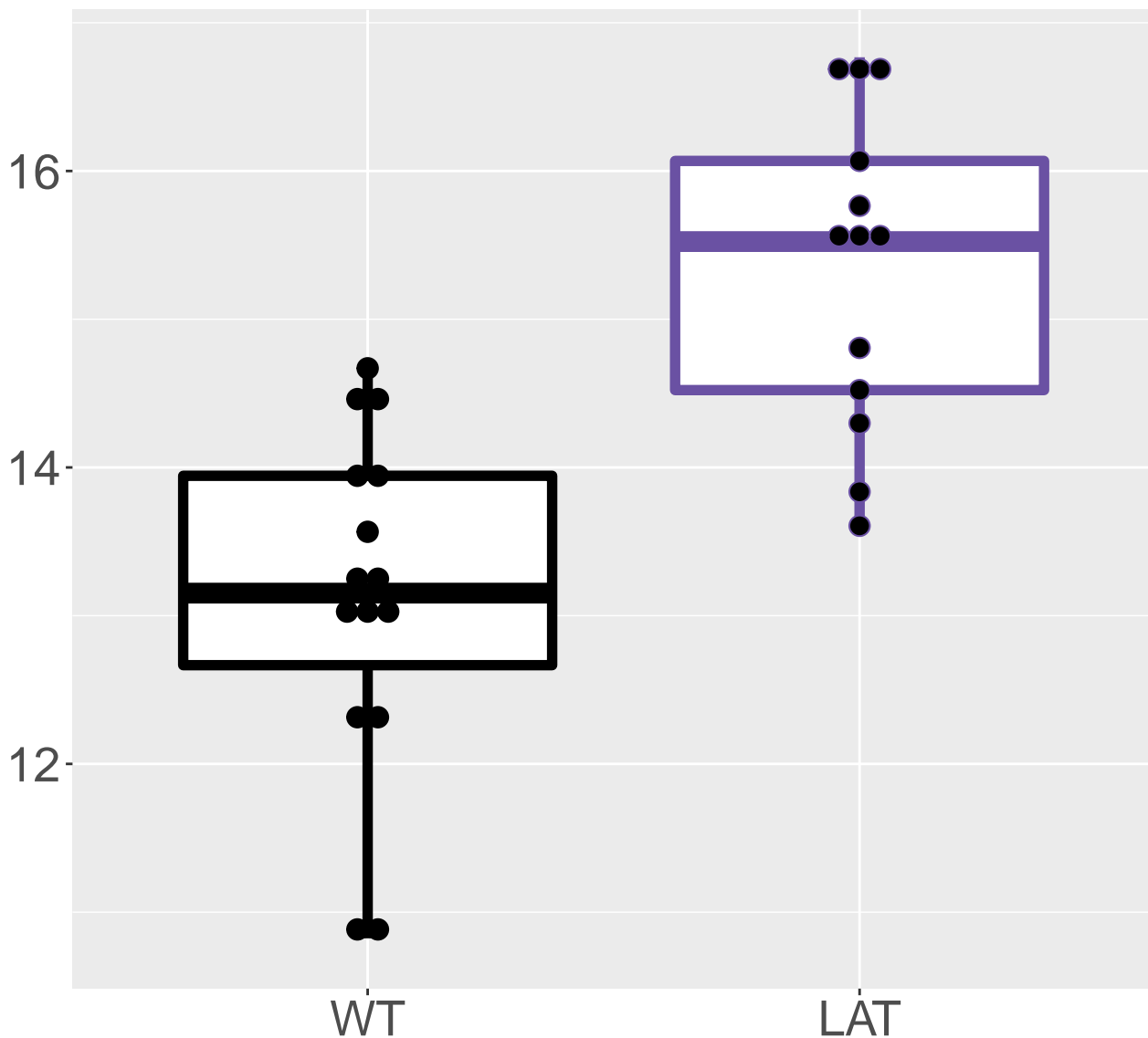
M795.2294T619.08

FDR = 0.00012, FC = -0.8



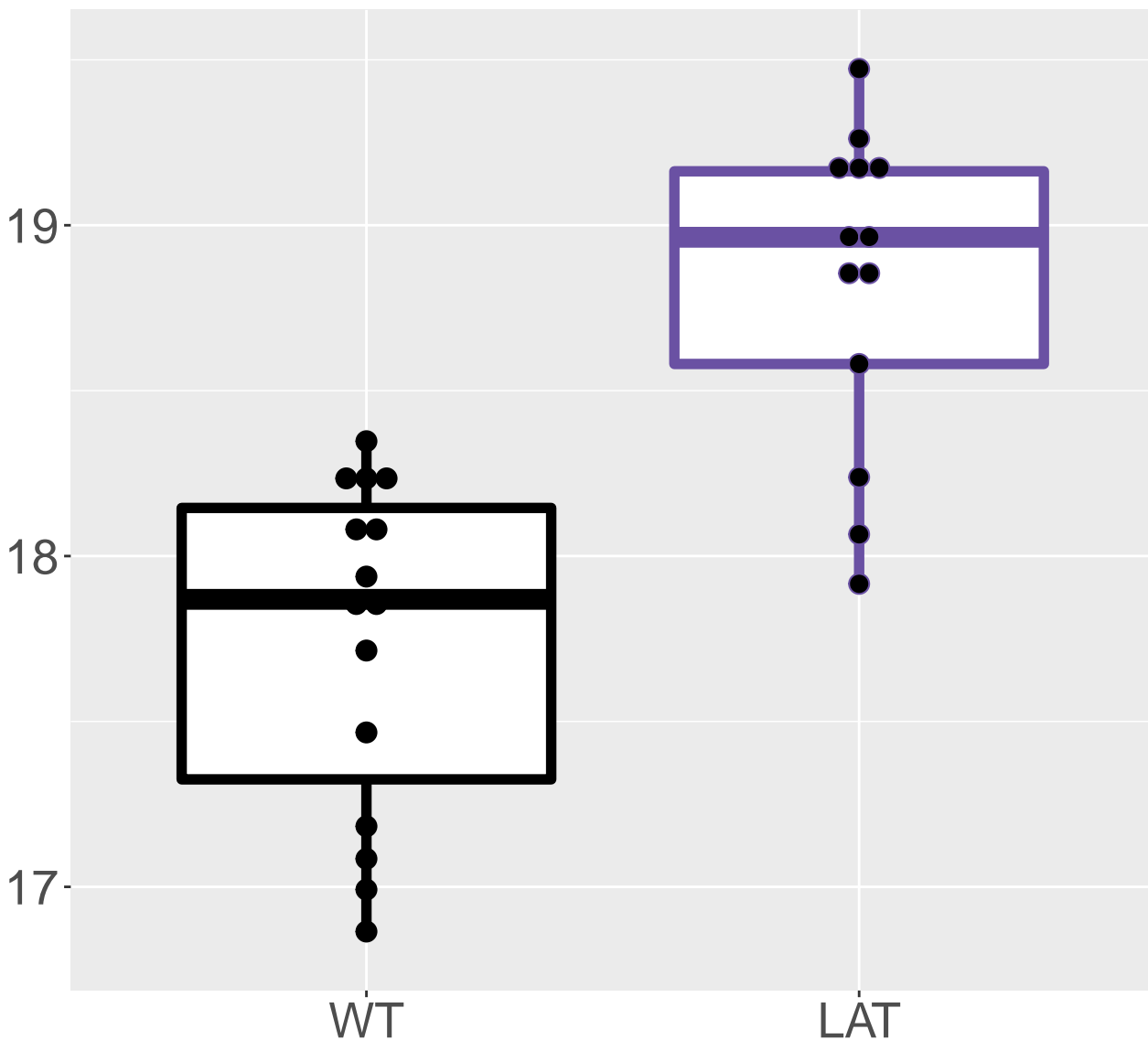
M247.1191T138.15

FDR = 0.00012, FC = 2.2



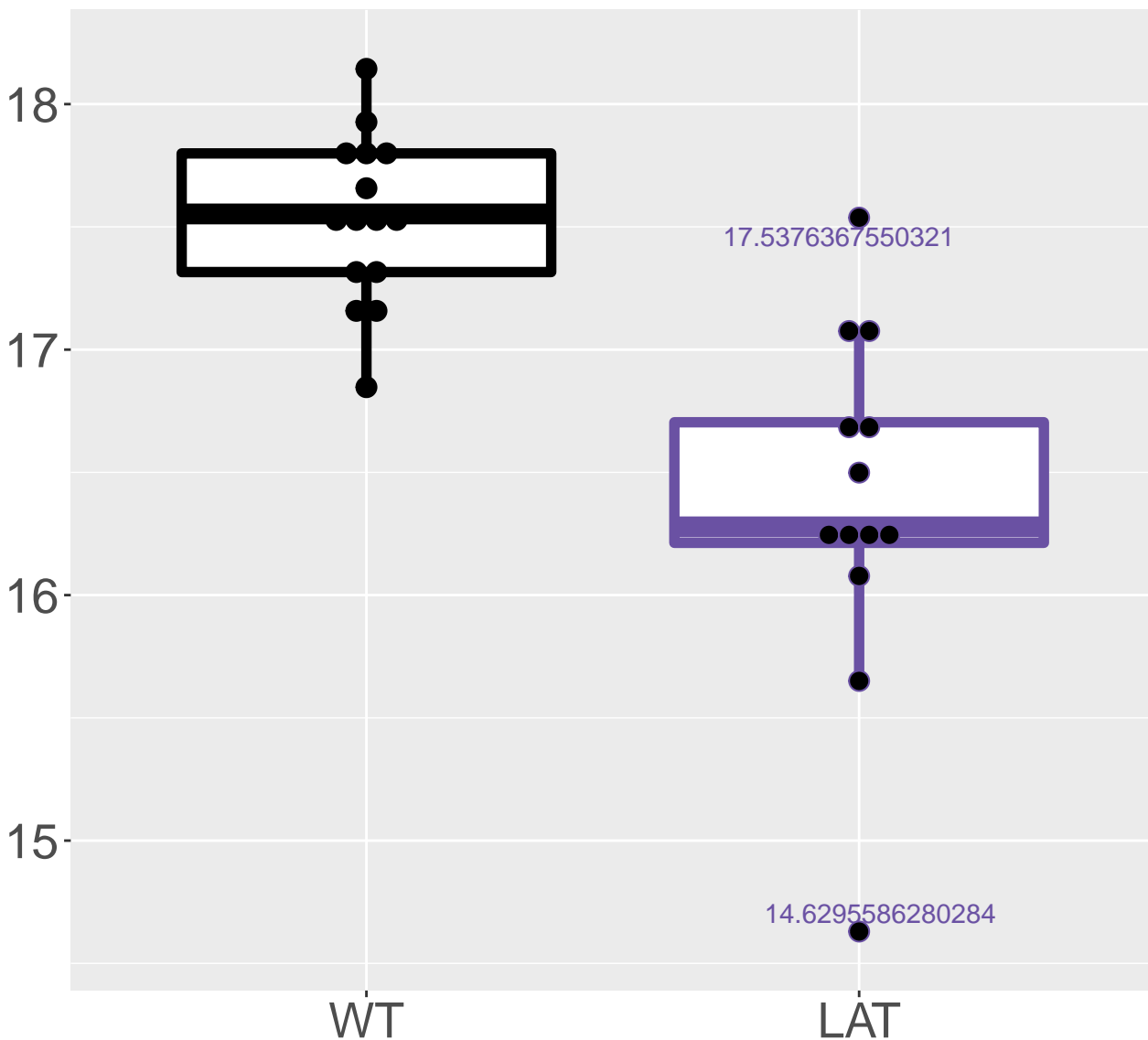
M453.1023T517.64

FDR = 0.00013, FC = 1.1



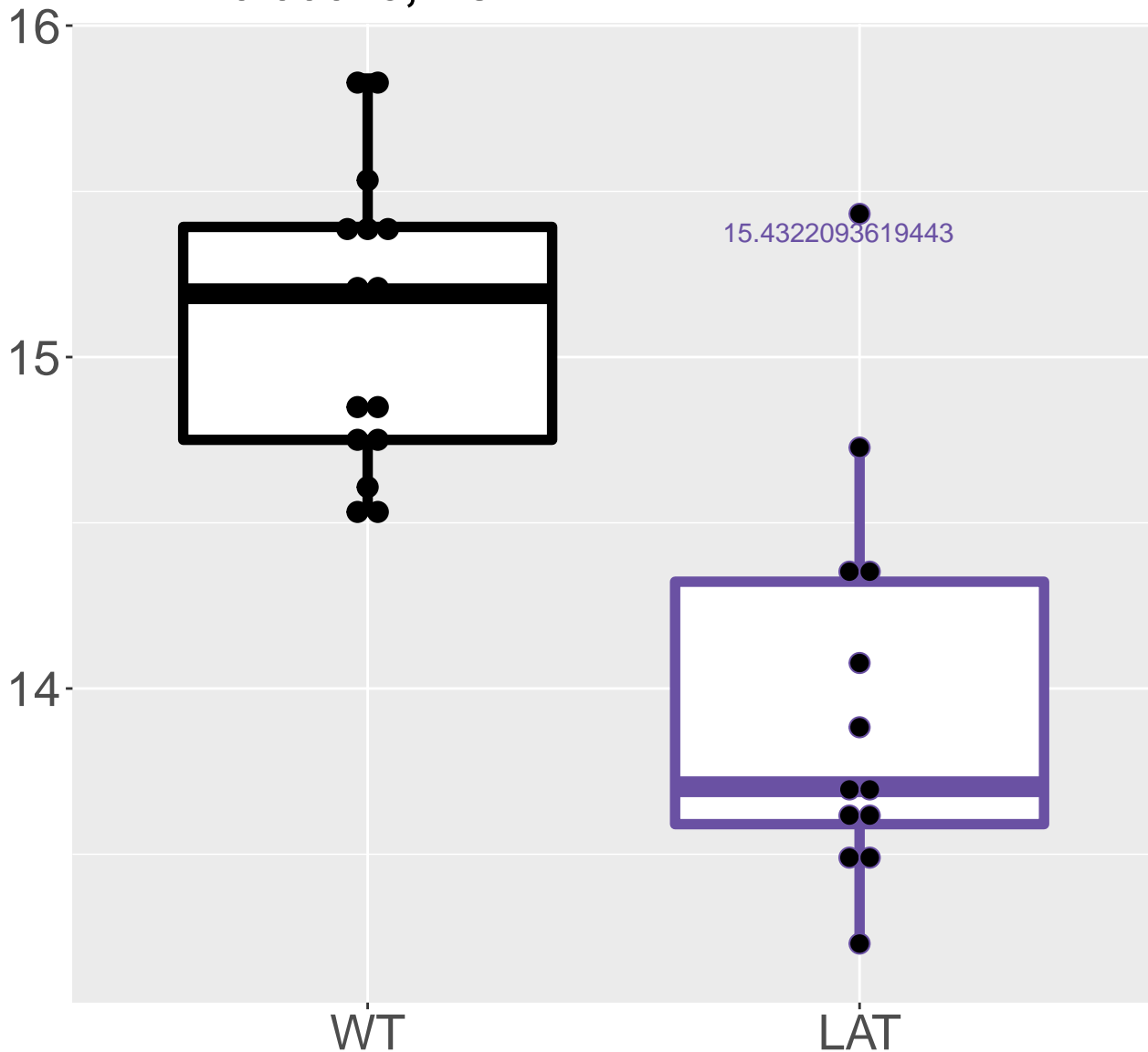
M809.238T589.52

FDR = 0.00013, FC = -1.2



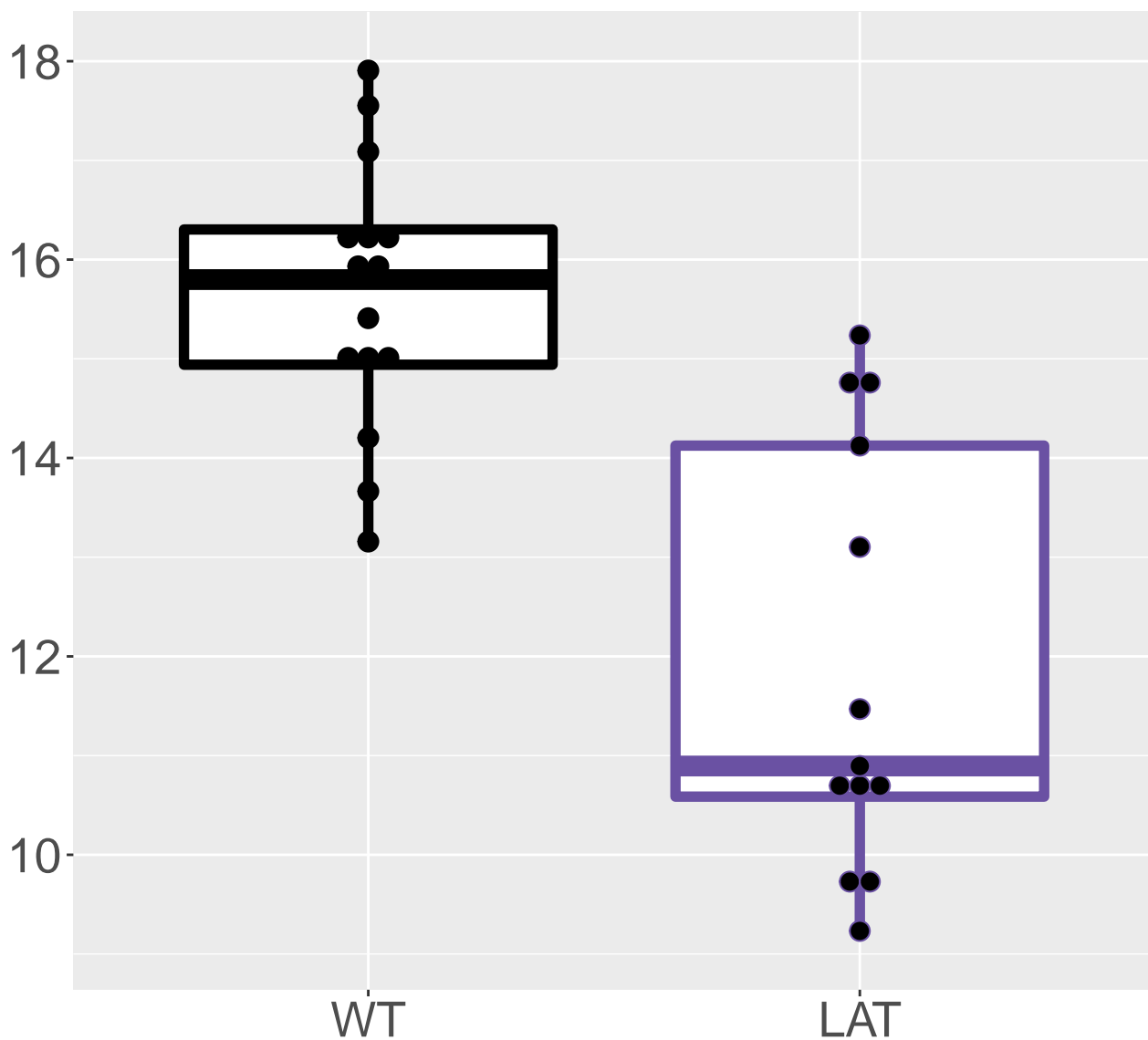
M606.6952T649.86

FDR = 0.00013, FC = -1.1



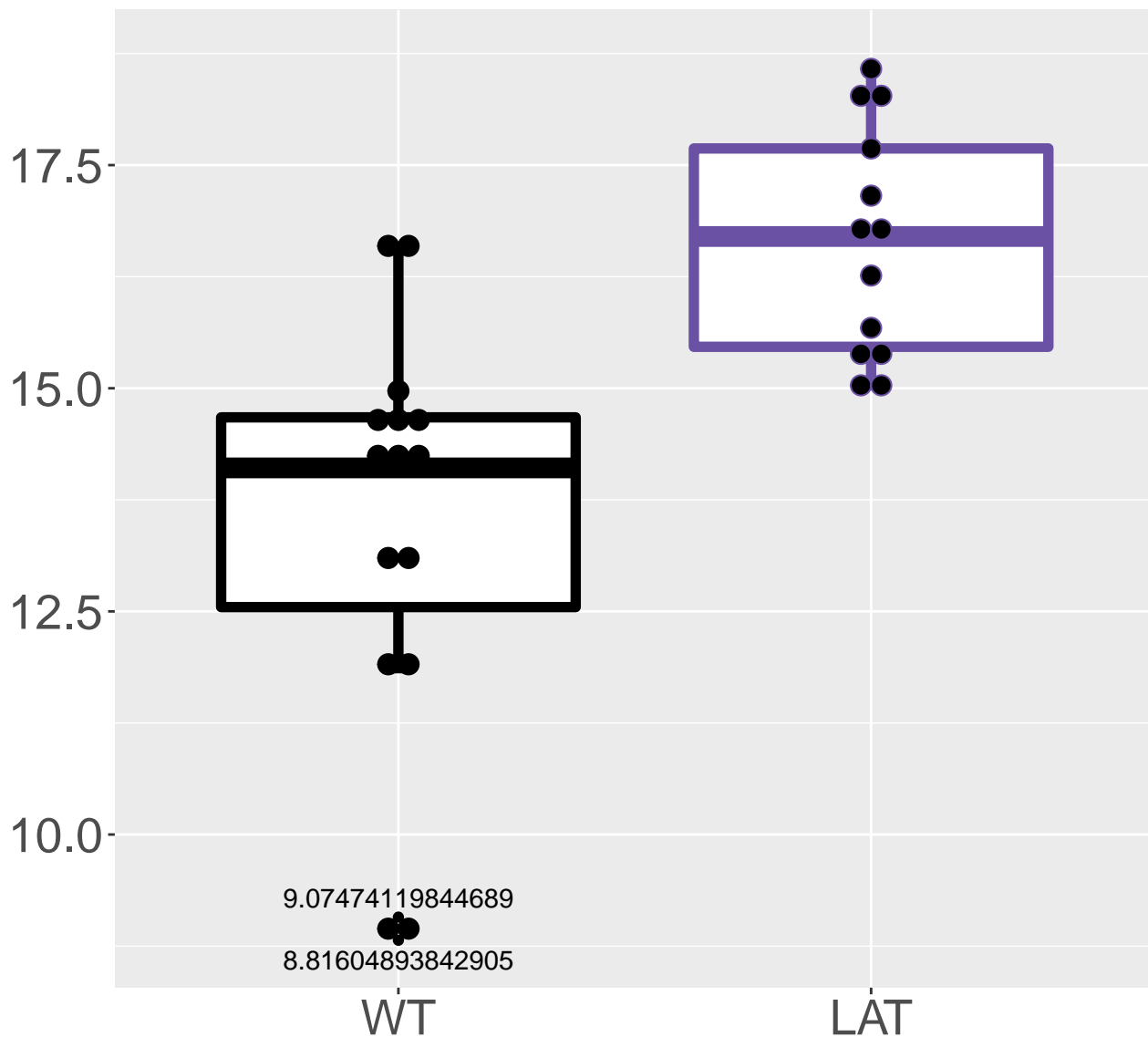
M530.13T437.49

FDR = 0.00014, FC = -3.7



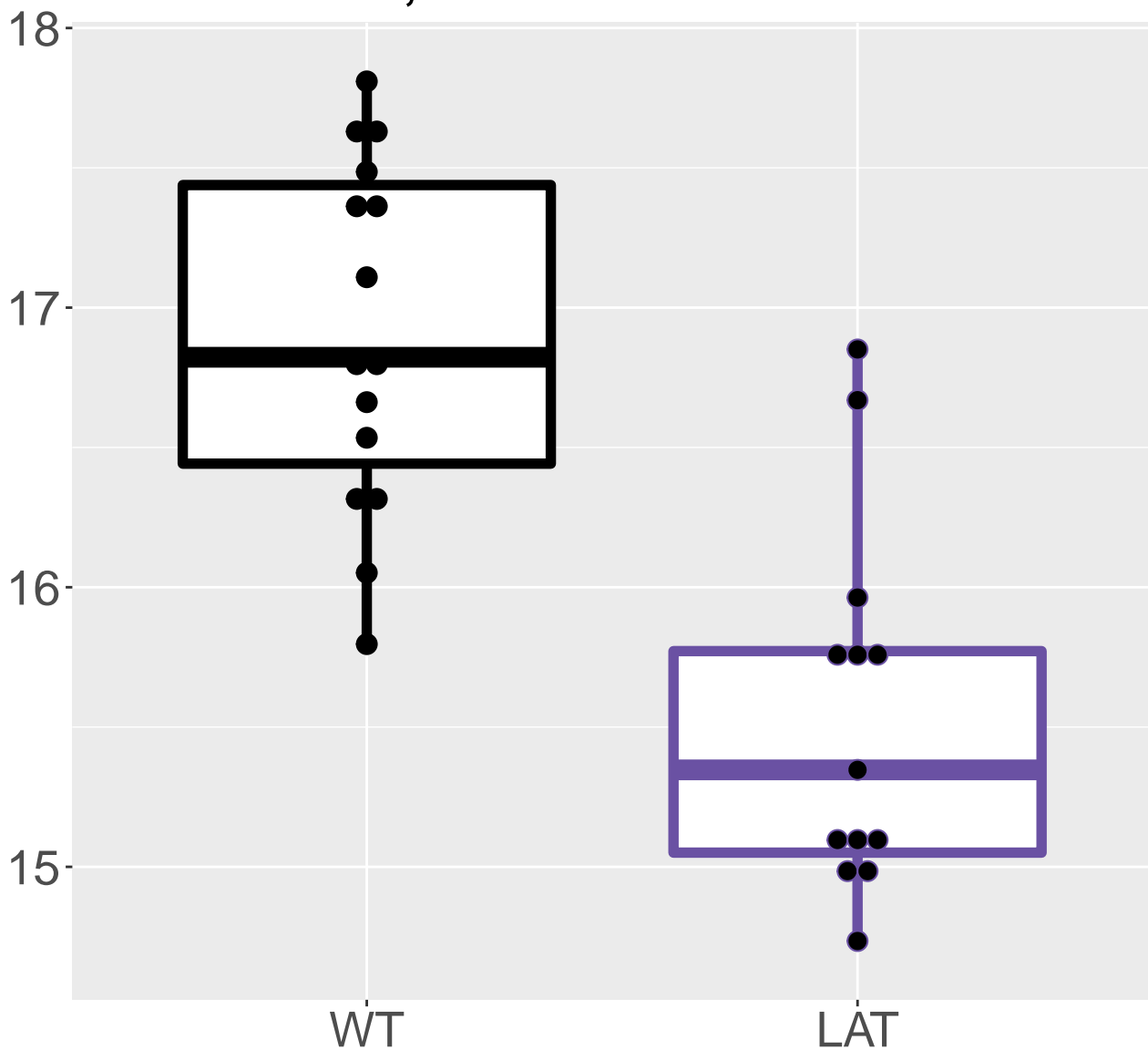
M183.9961T608.69

FDR = 0.00014, FC = 3.1, sex**



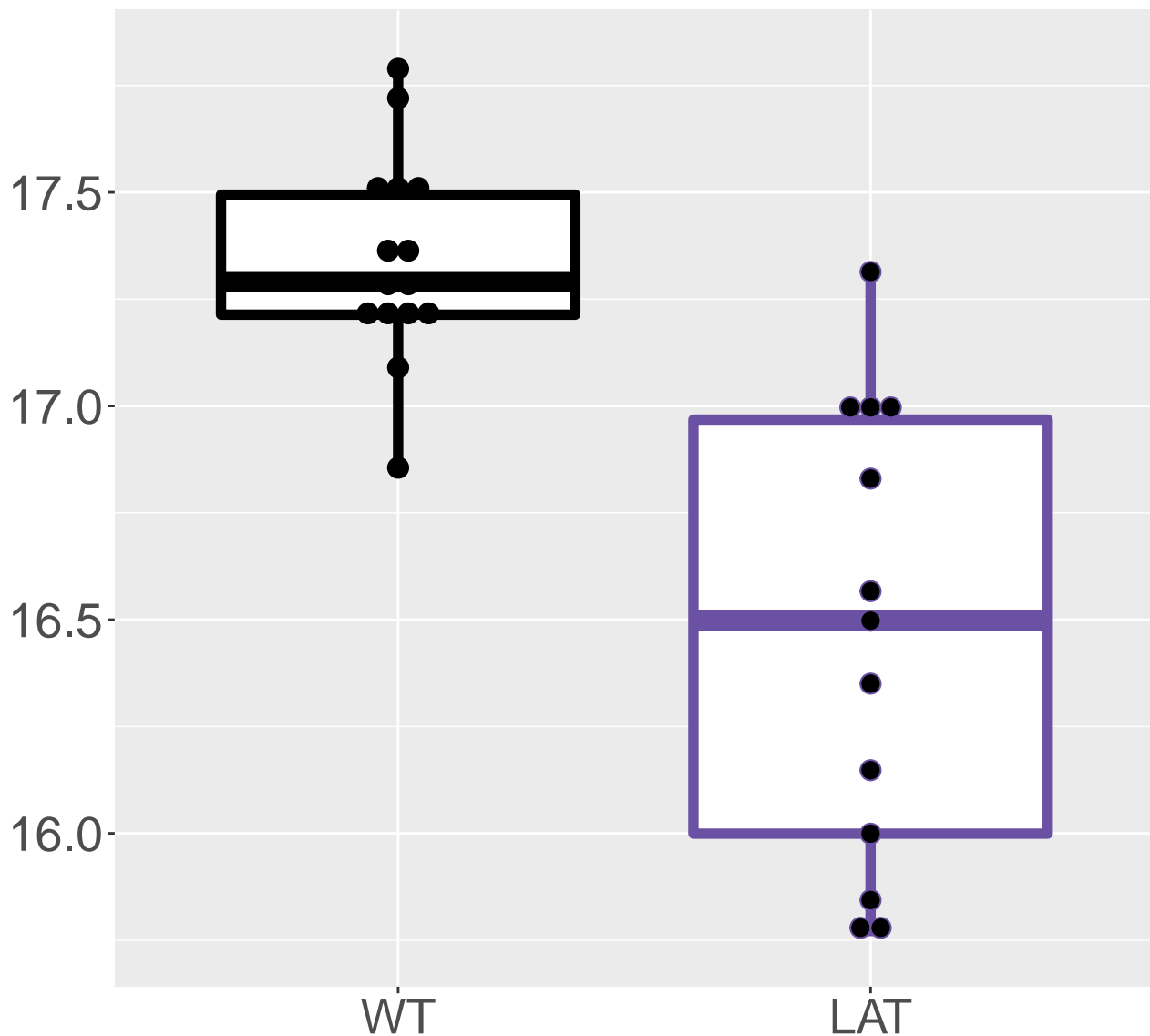
M746.242T619.18

FDR = 0.00014, FC = -1.4

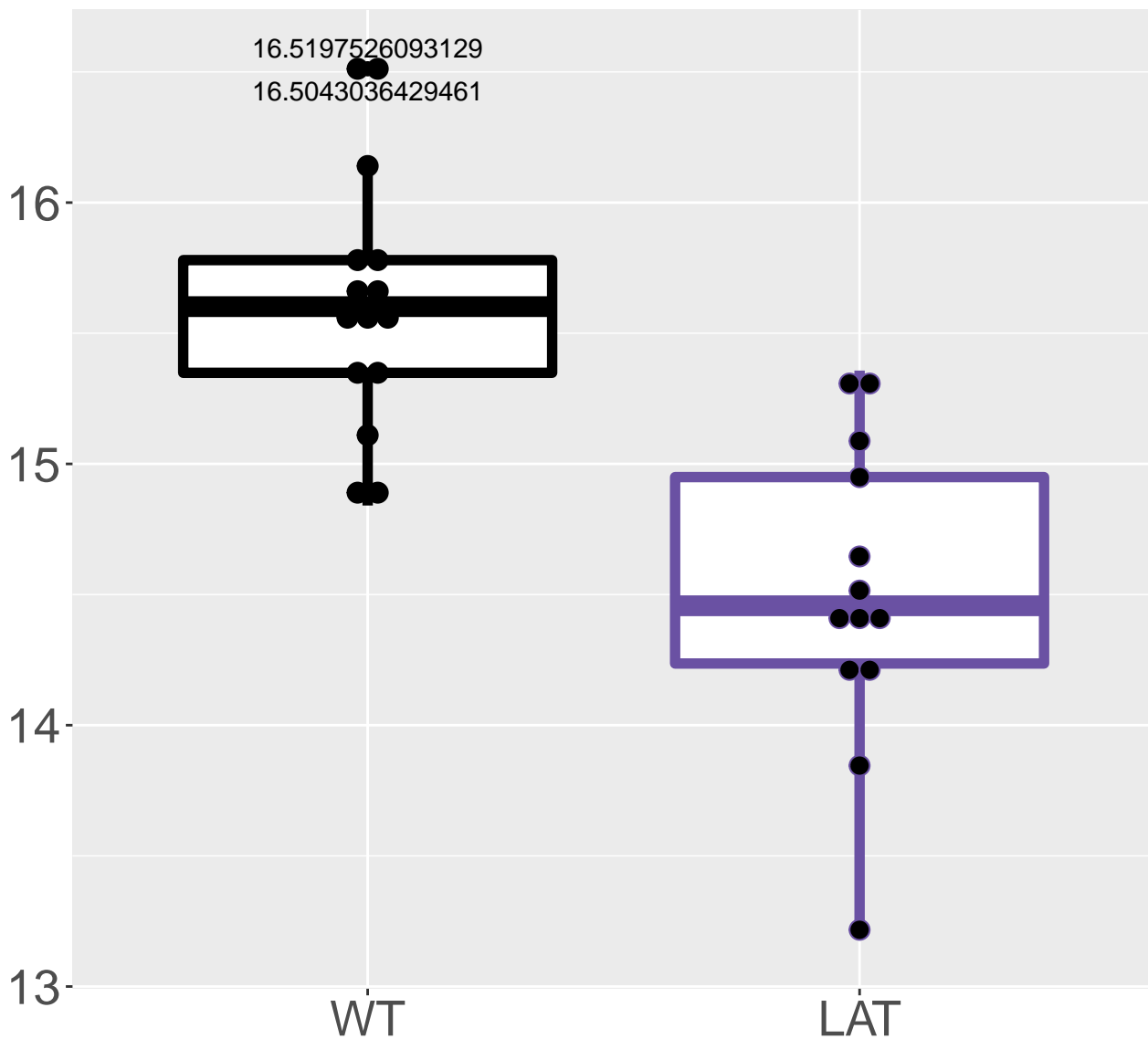


M804.2349T571.96

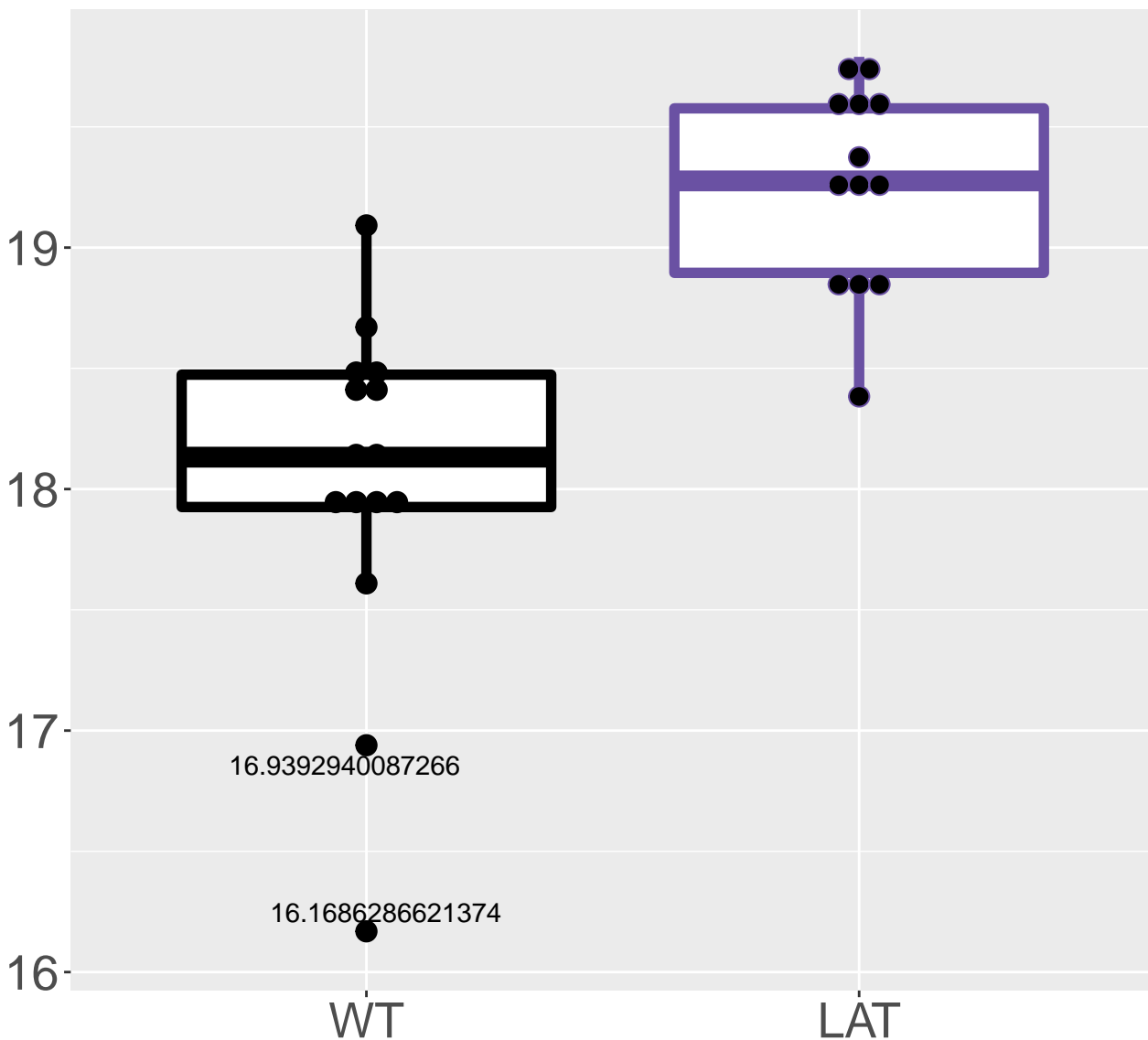
FDR = 0.00014, FC = -0.87



M826.2842T611.01
FDR = 0.00014, FC = -1.1

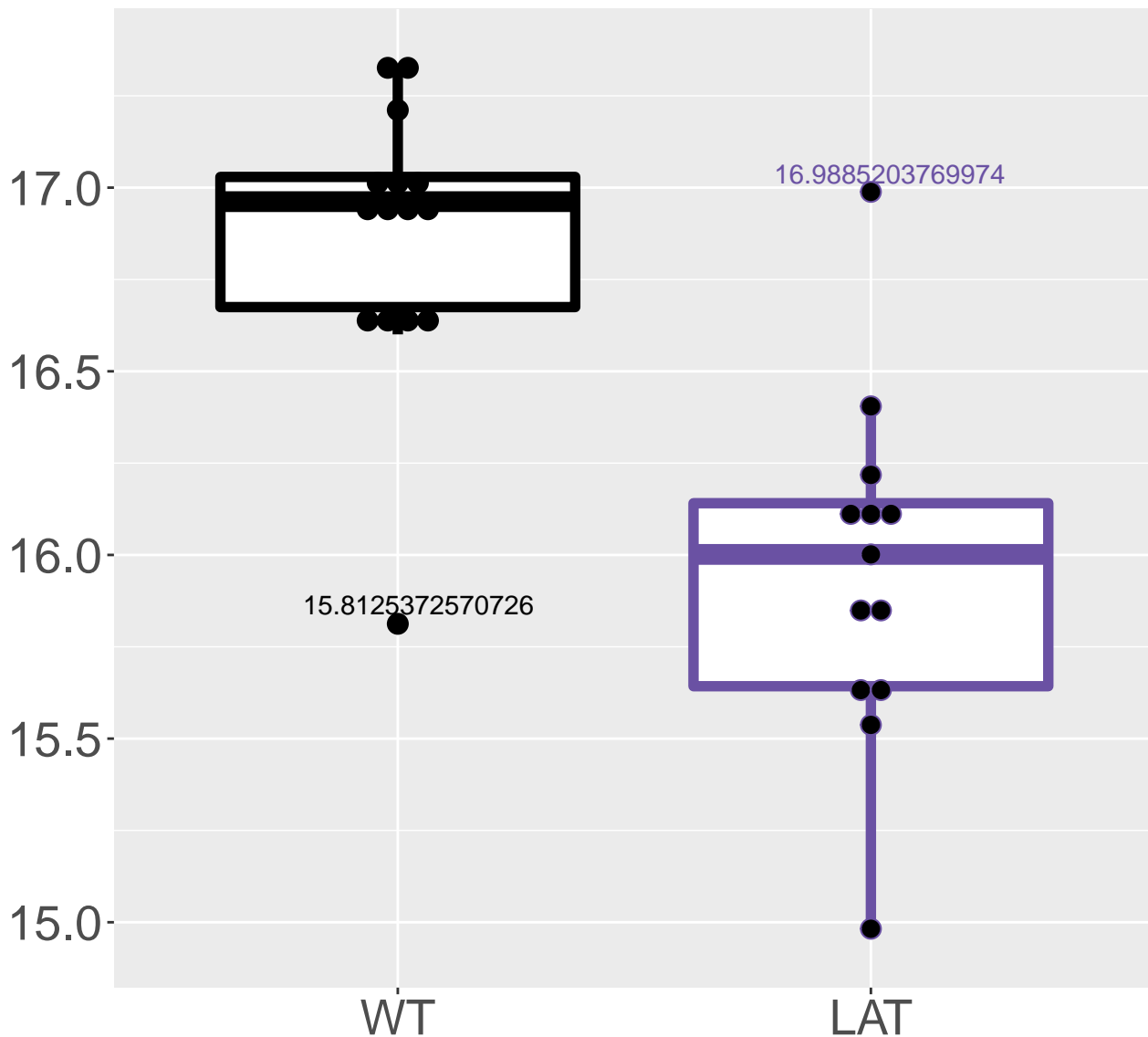


FDR = 0.00014, FC = 1.2



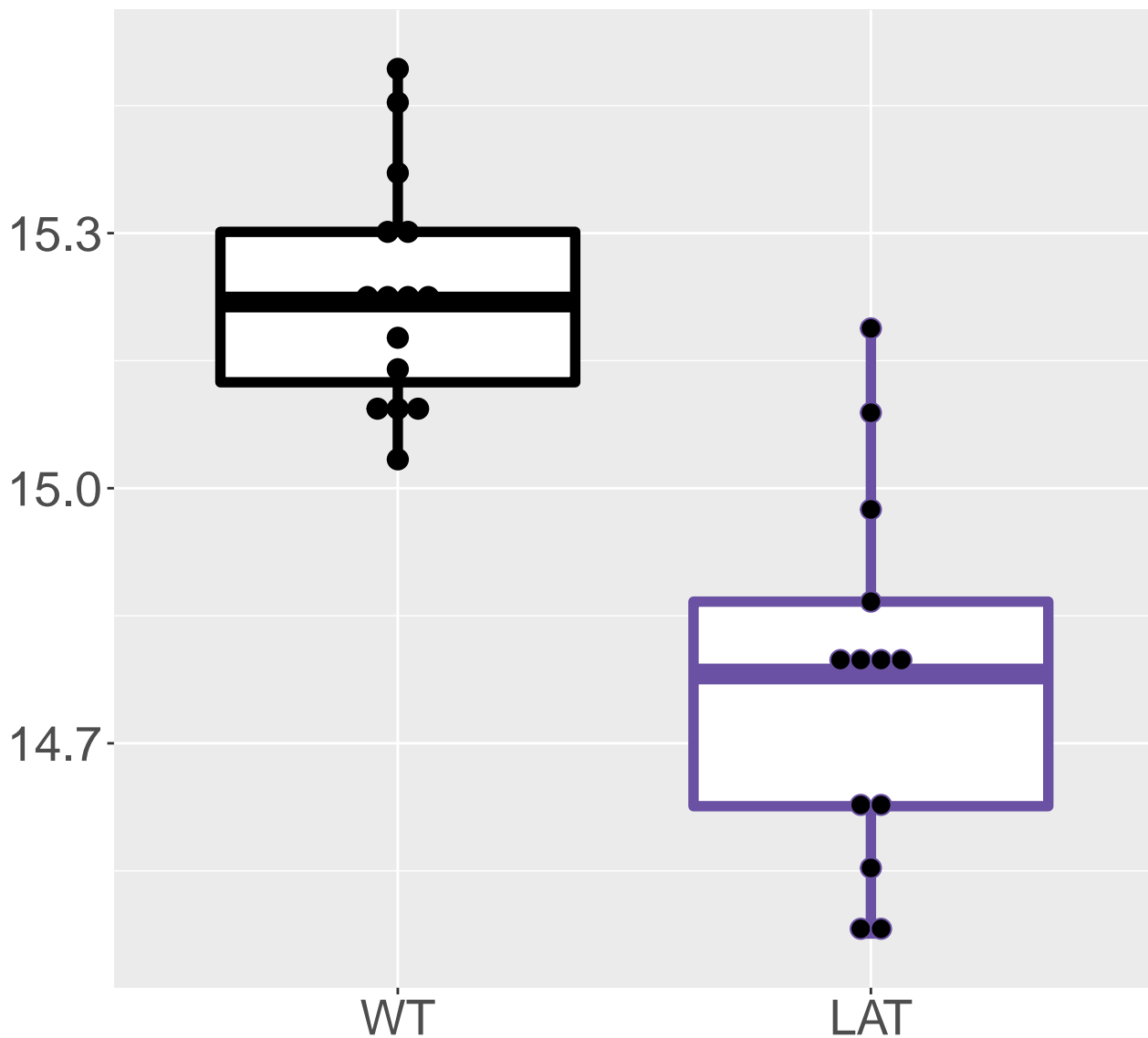
M485.152T578.2

FDR = 0.00014, FC = -0.92



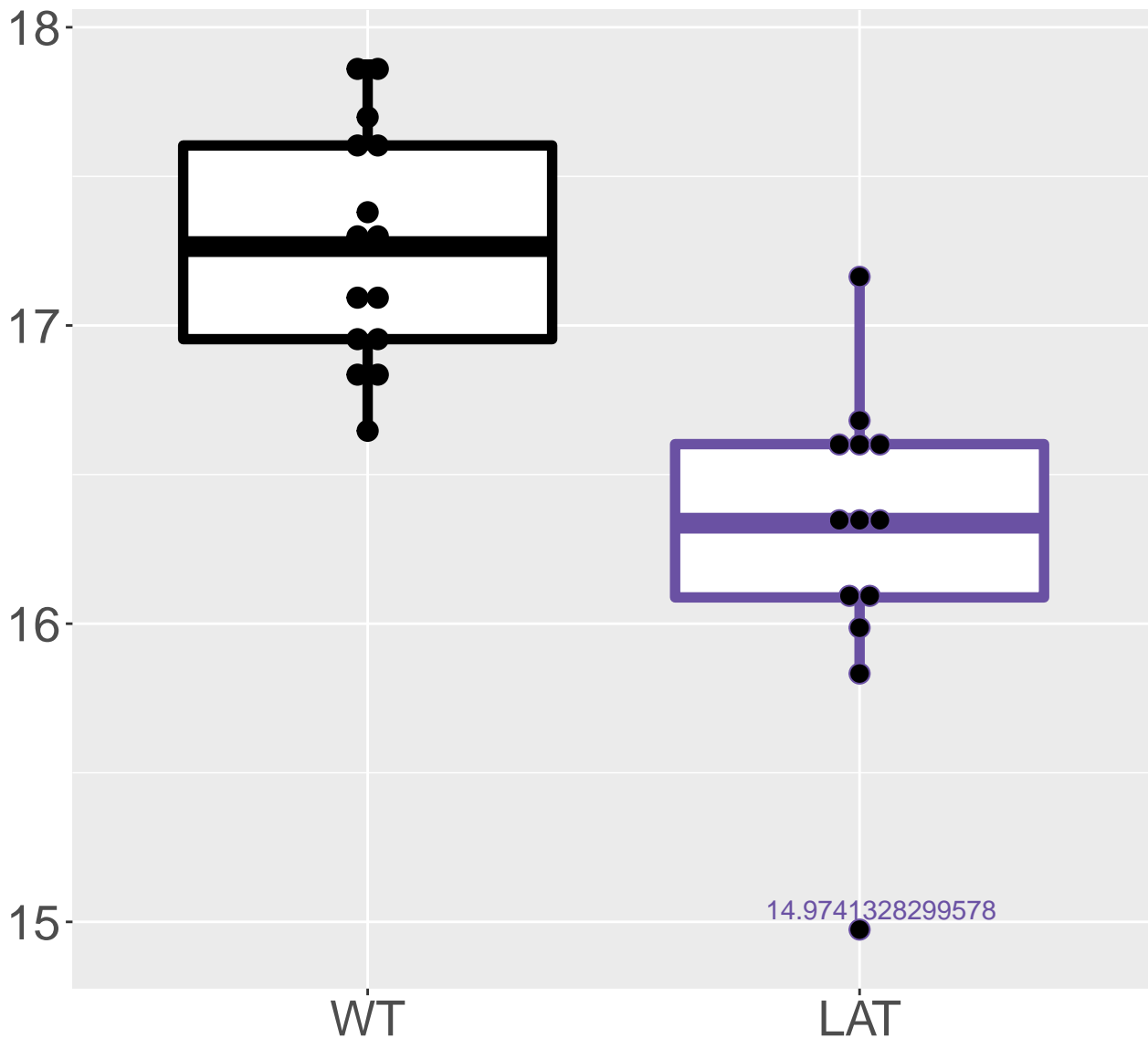
M786.2244T669.24

FDR = 0.00015, FC = -0.46

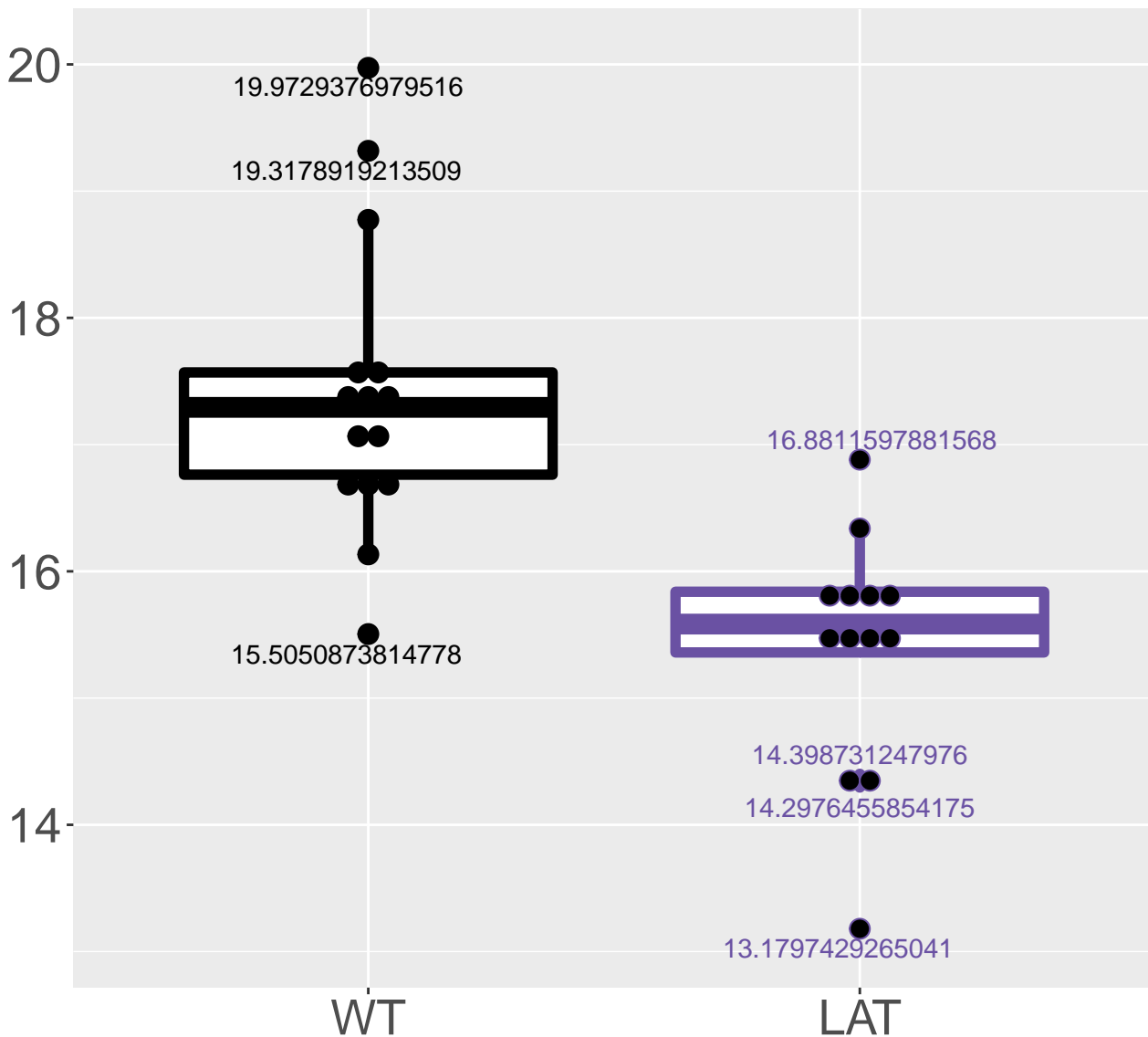


M627.1929T509.72

FDR = 0.00015, FC = -0.99

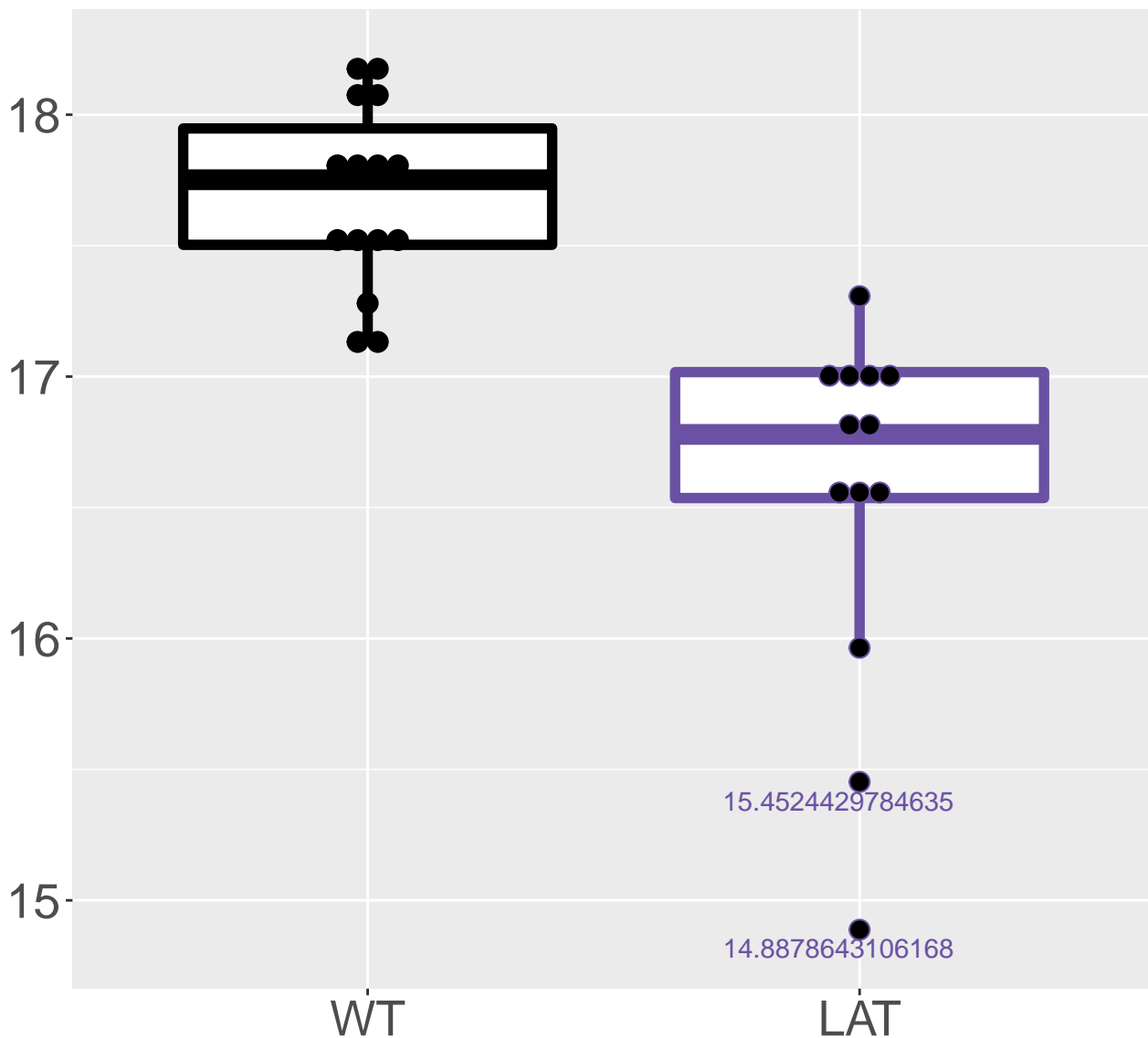


Deoxyuridine;2'-Deoxyuridine
FDR = 0.00015, FC = -2



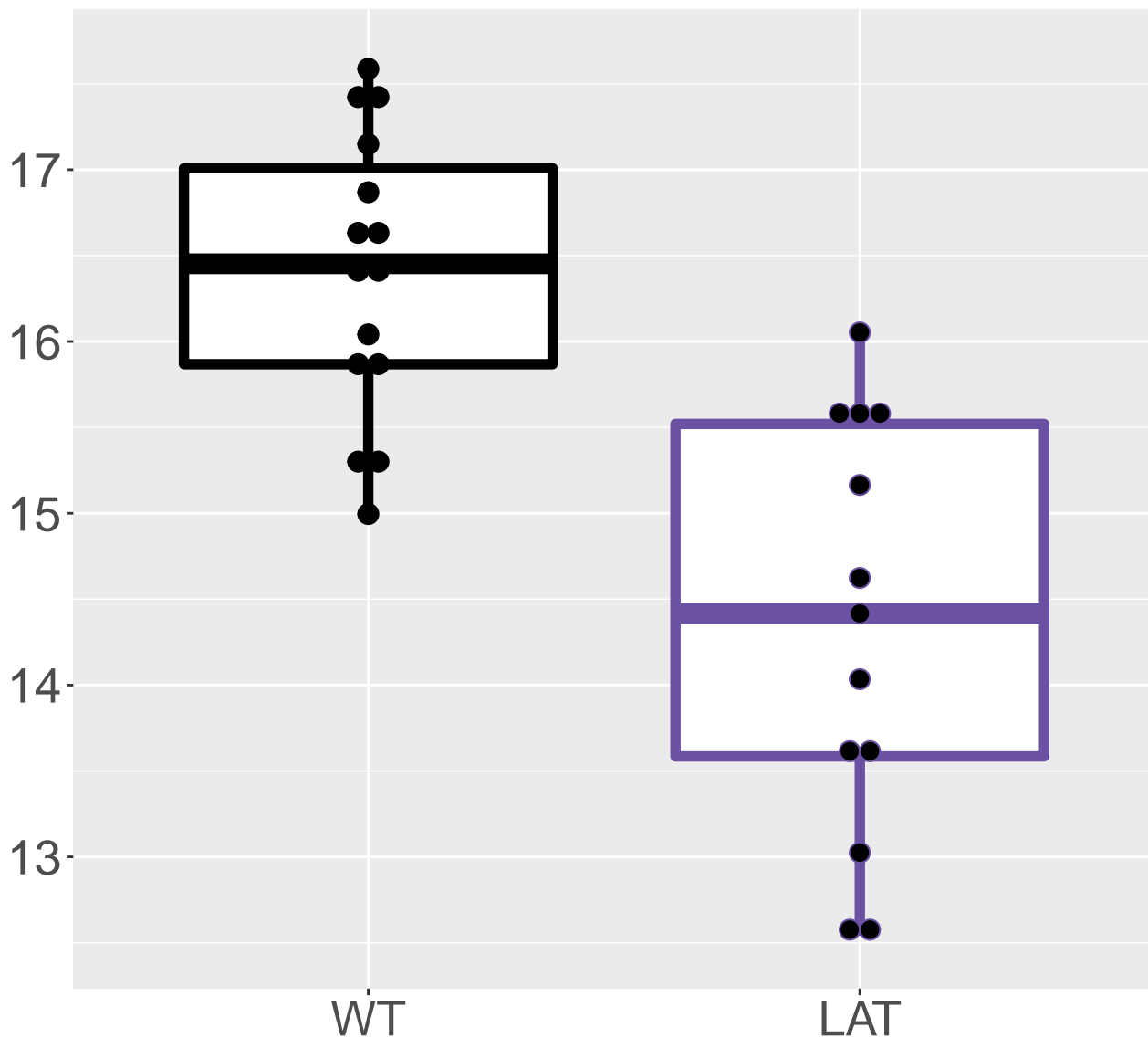
M398.131T535.9

FDR = 0.00015, FC = -1.2



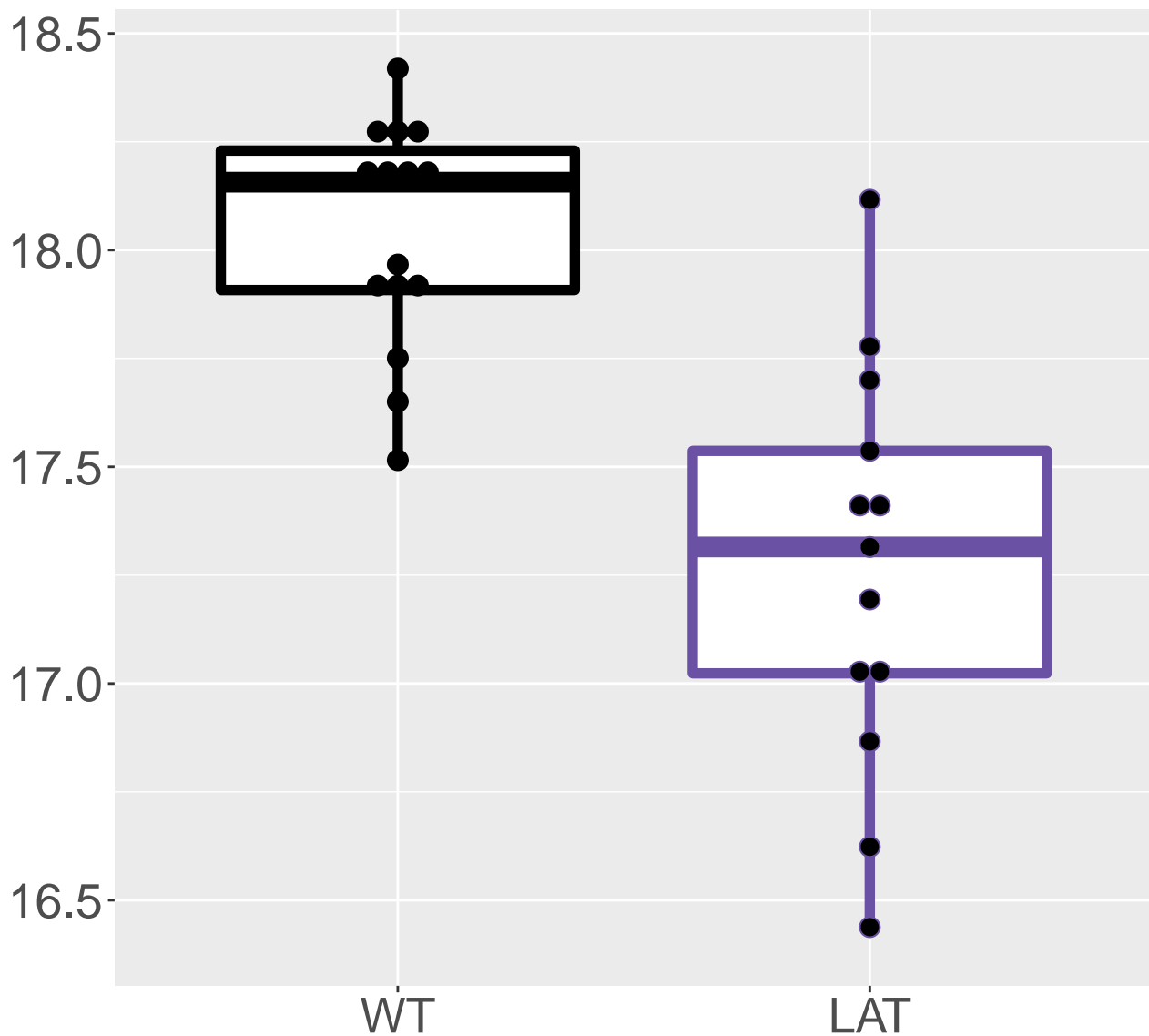
M632.205T586.79

FDR = 0.00015, FC = -2.1

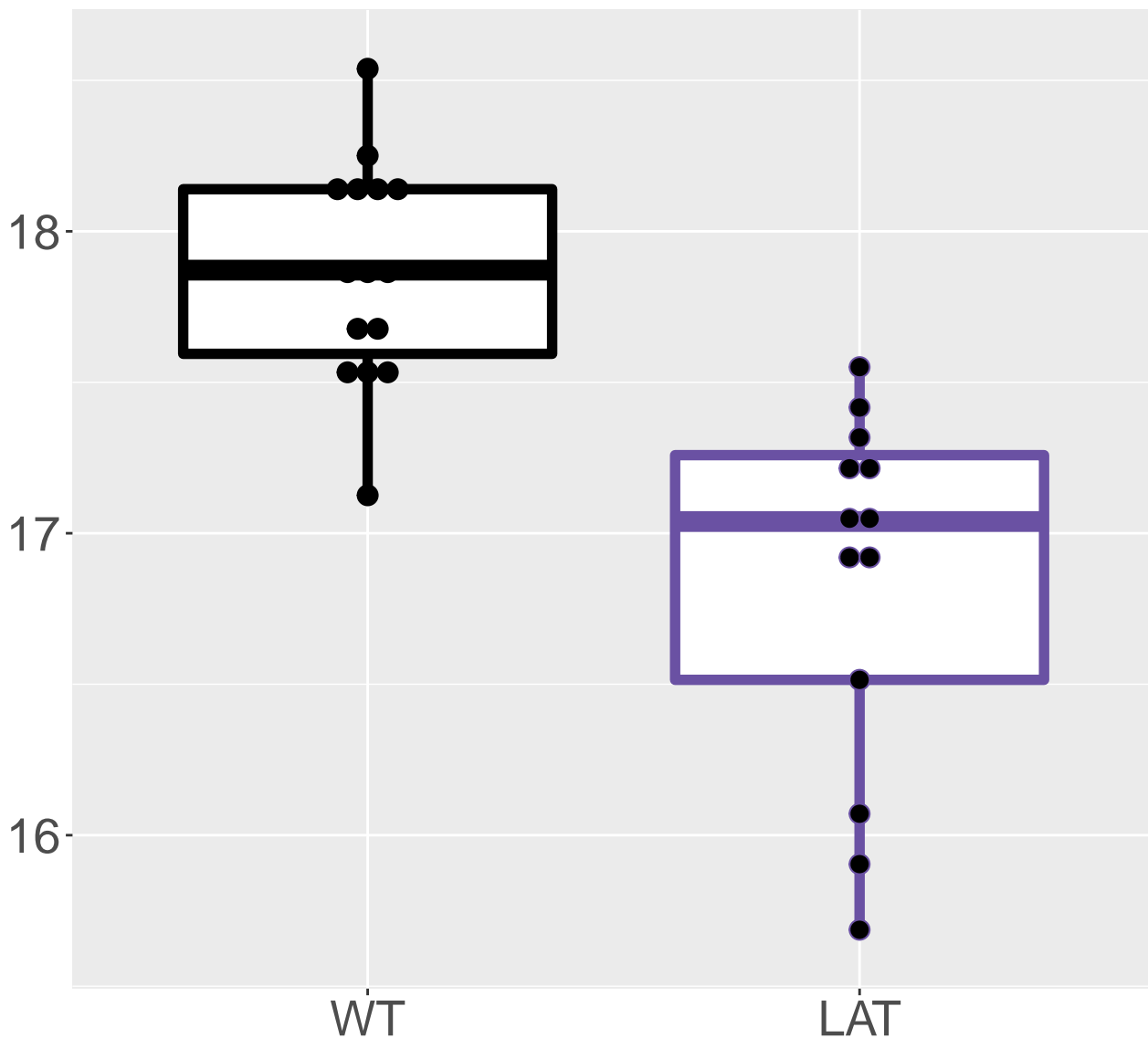


M812.3246T602.65

FDR = 0.00016, FC = -0.78

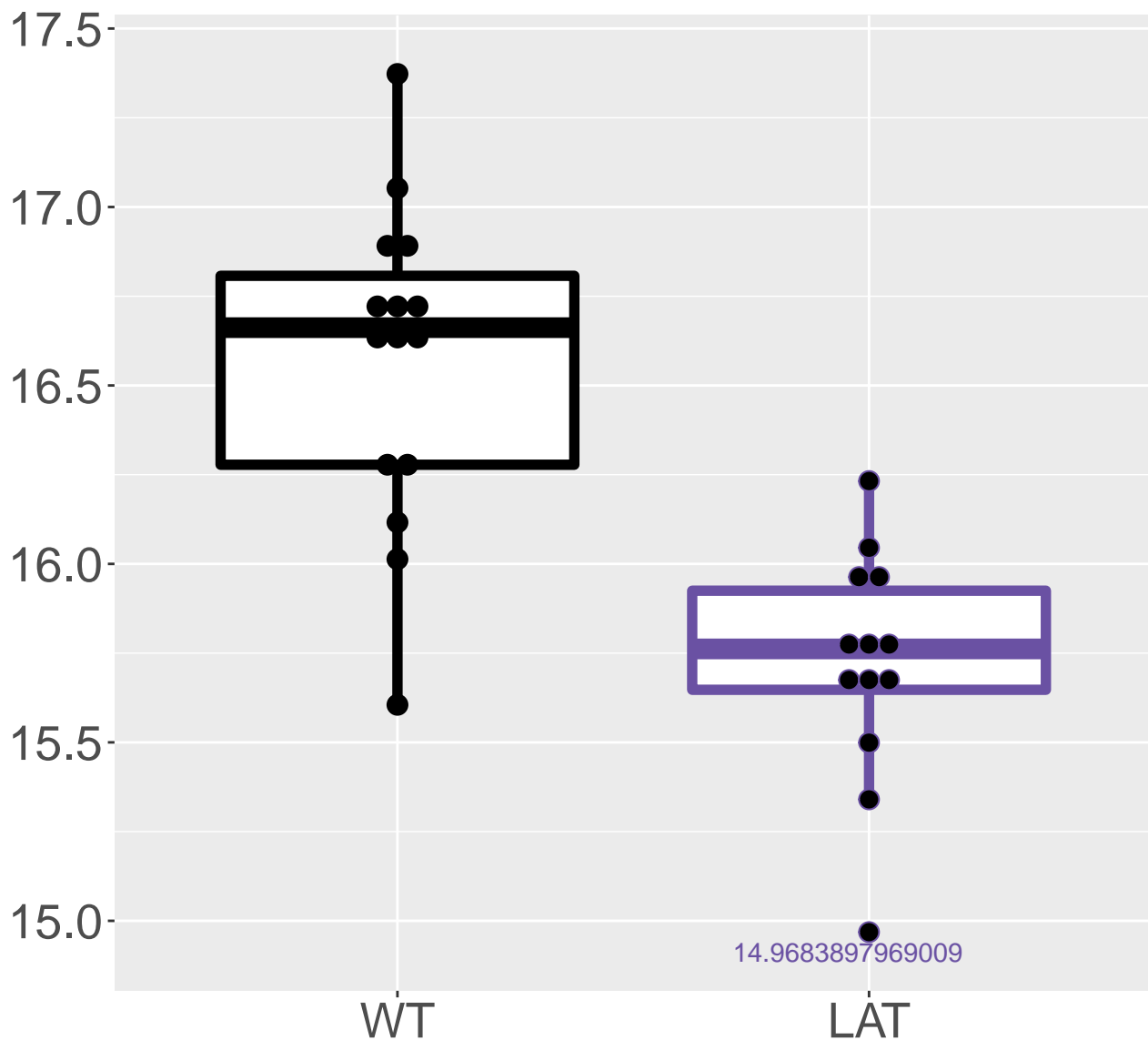


M521.1325T361.61
FDR = 0.00016, FC = -1



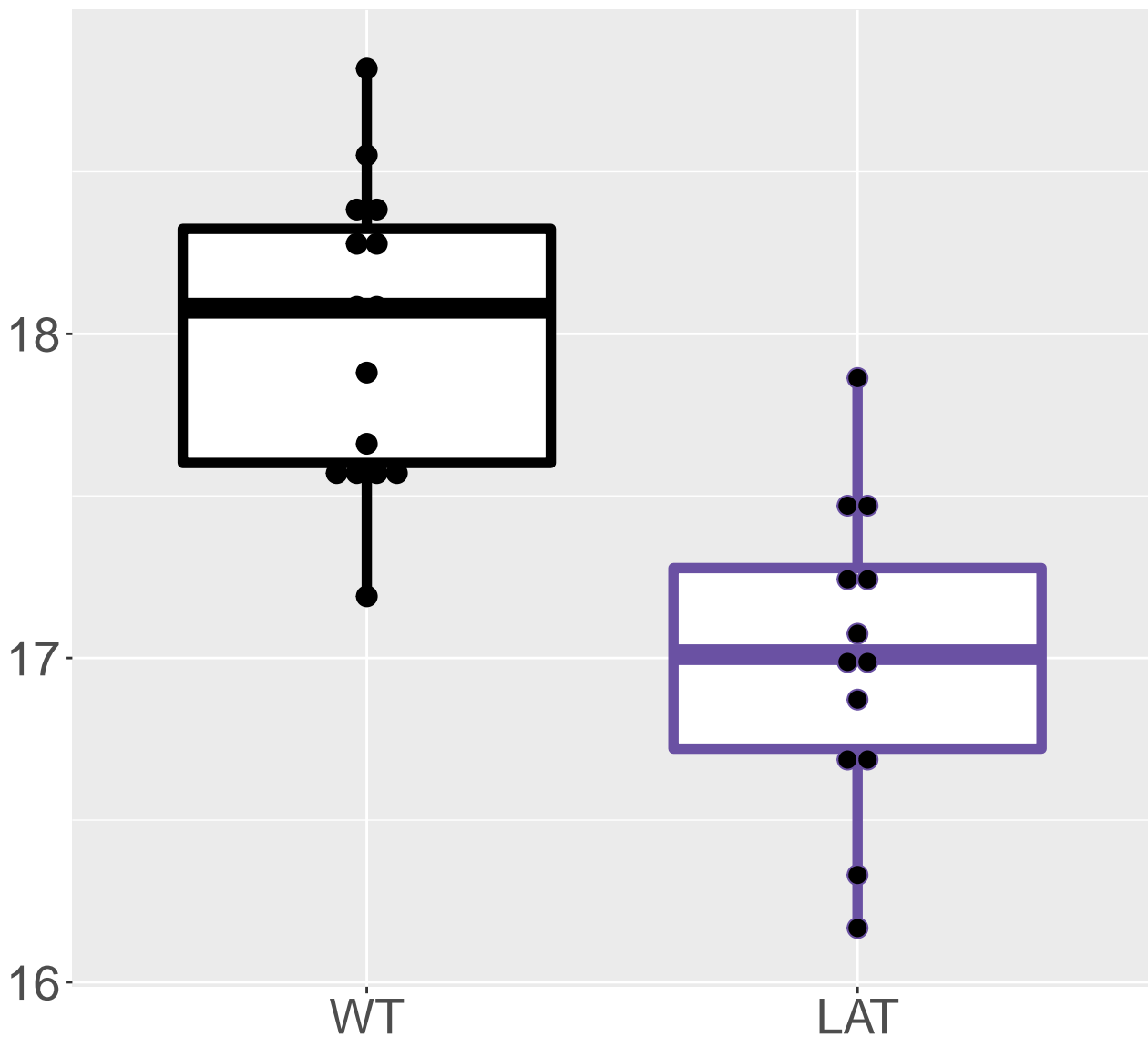
M710.2017T622.25

FDR = 0.00016, FC = -0.85

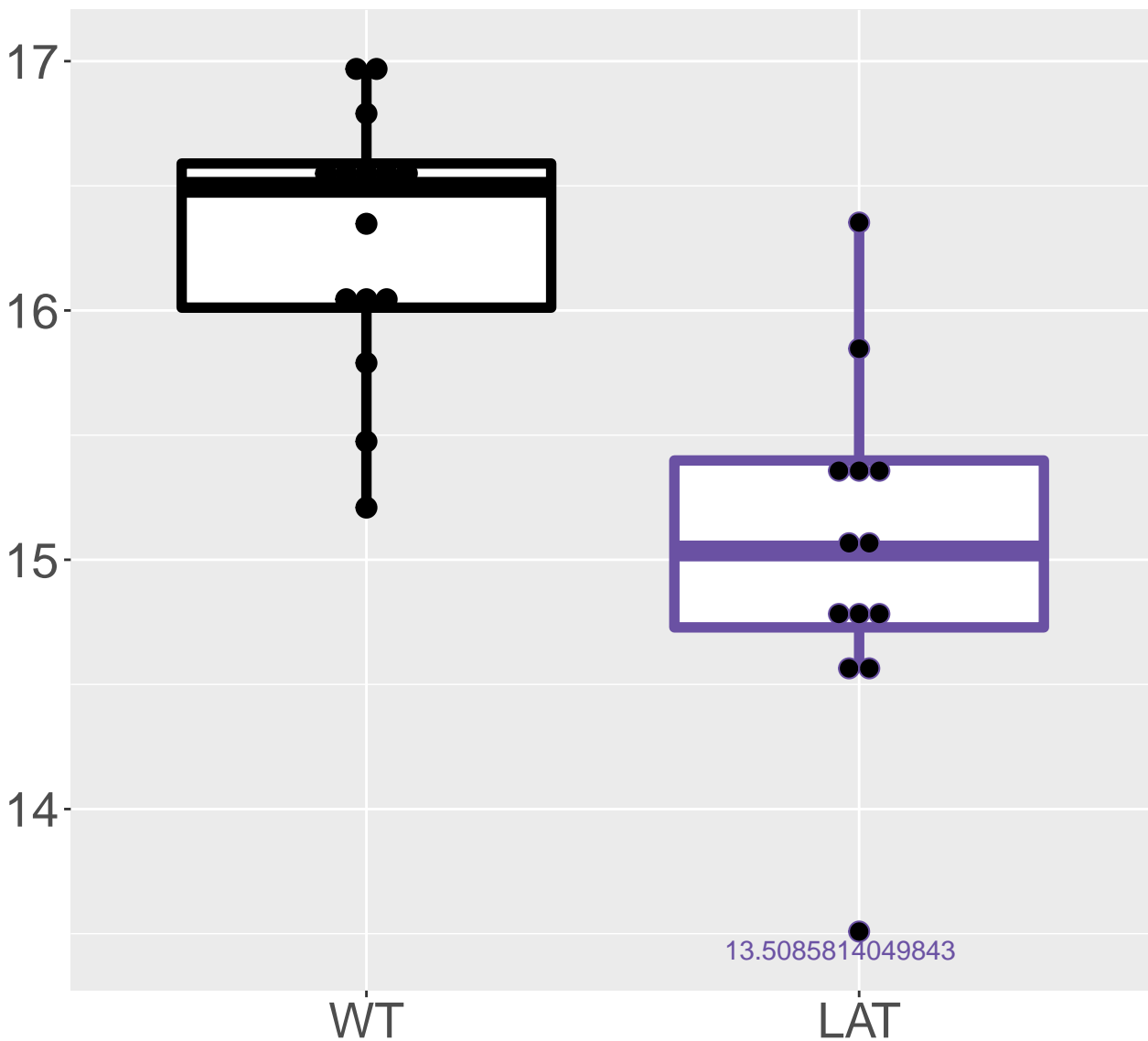


M889.2677T626

FDR = 0.00016, FC = -0.99

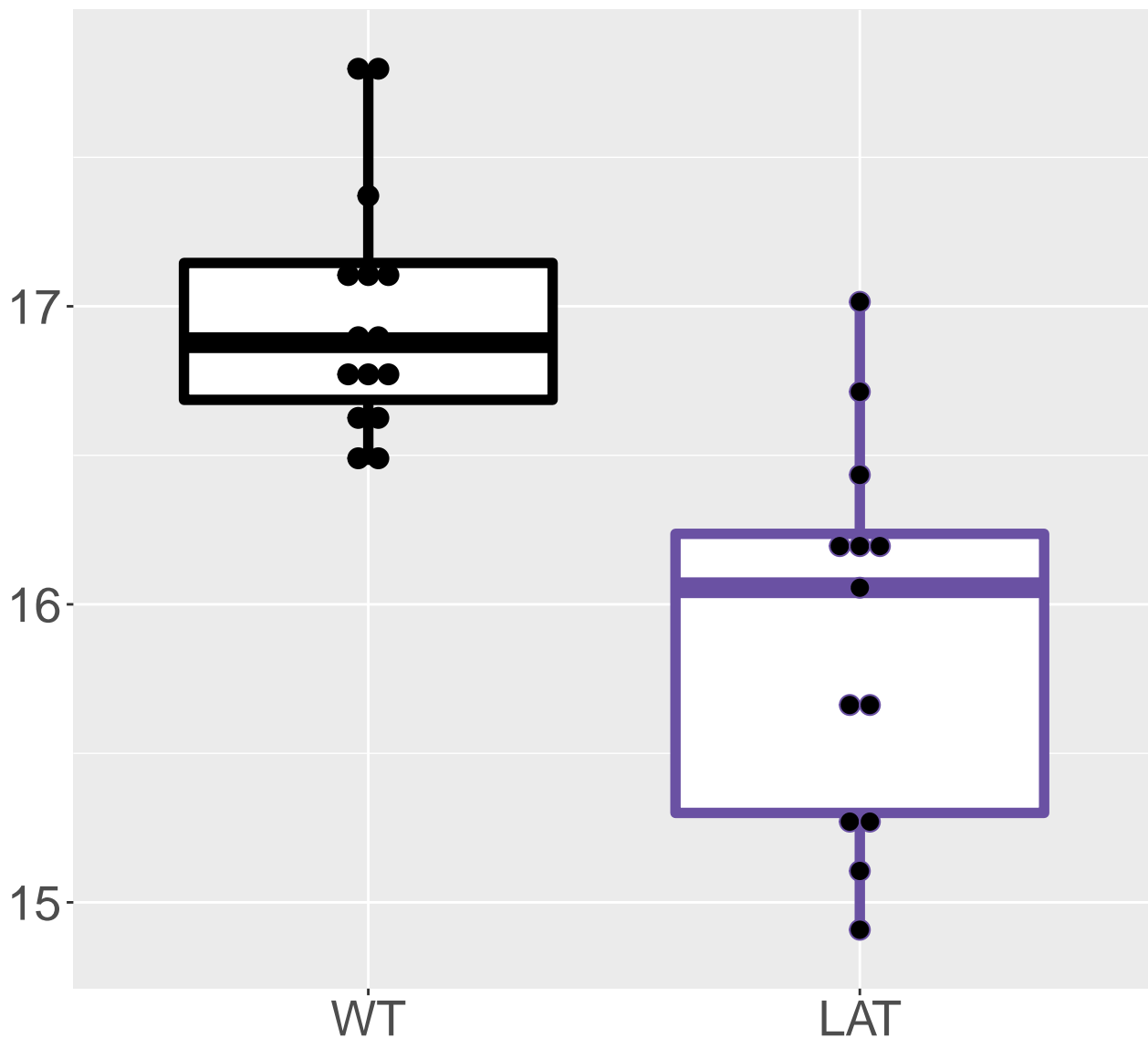


M962.2843T621.1
FDR = 0.00016, FC = -1.3



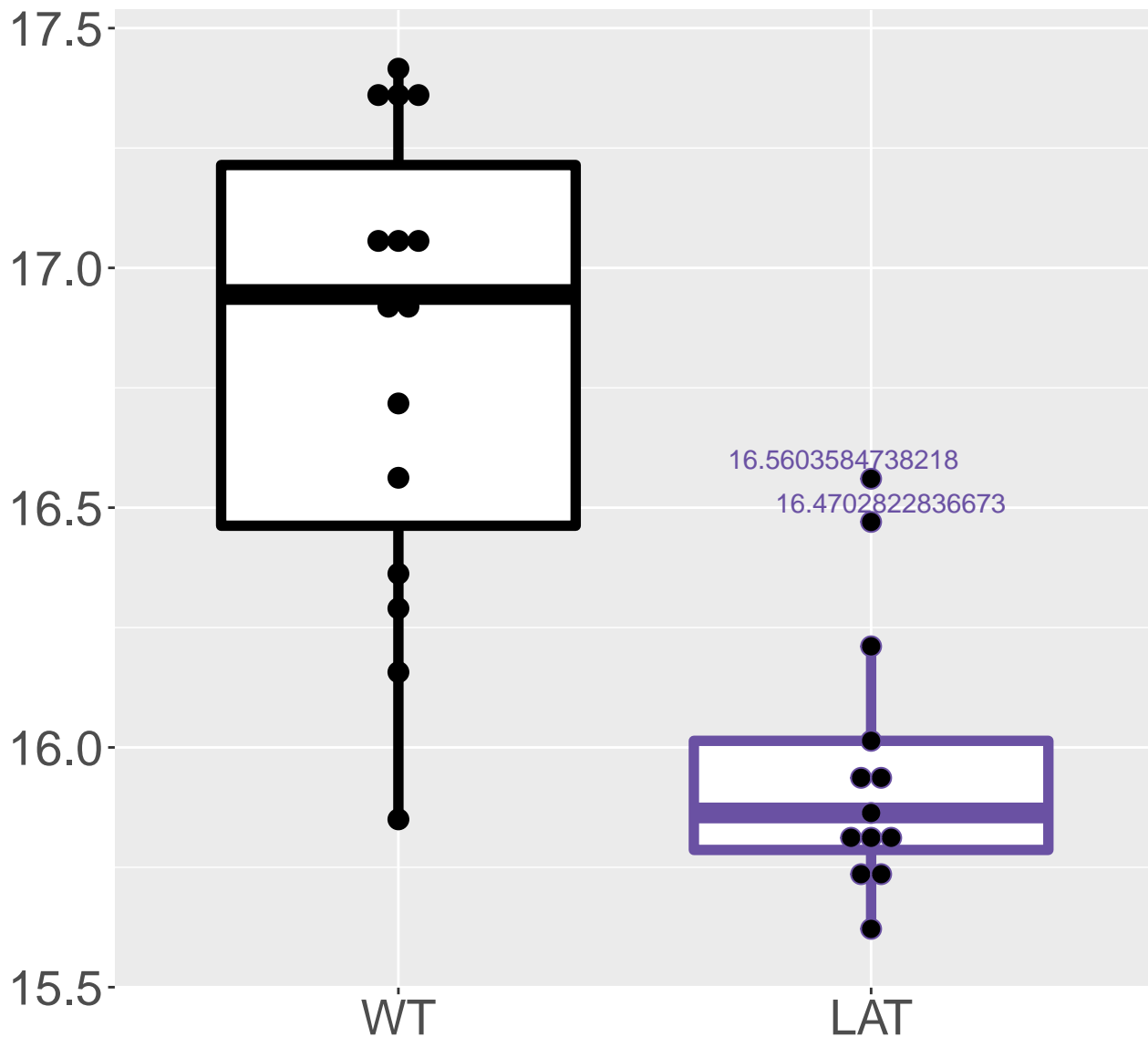
M845.2778T568.04

FDR = 0.00017, FC = -1.1



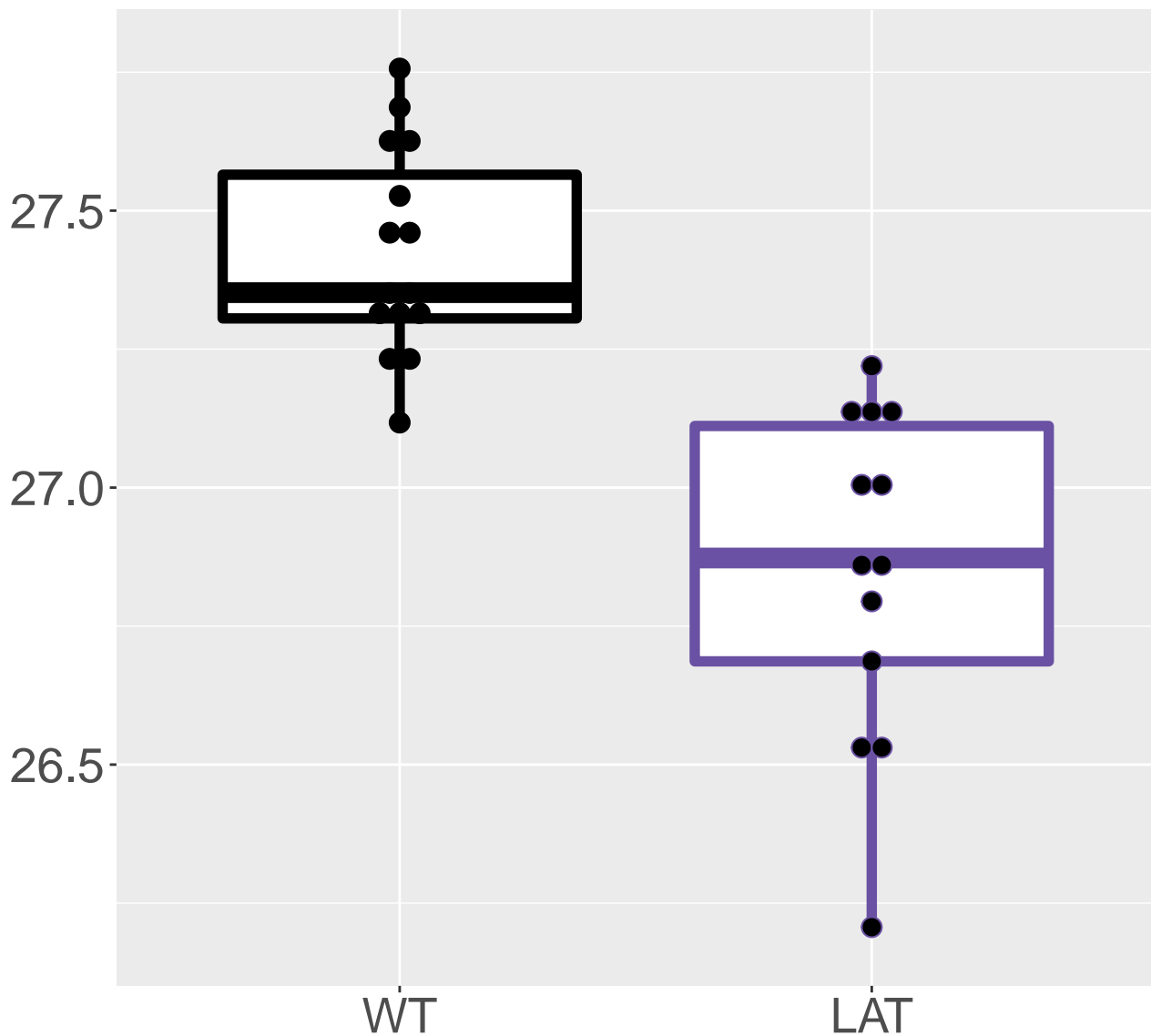
M353.6113T626.31_1

FDR = 0.00017, FC = -0.87



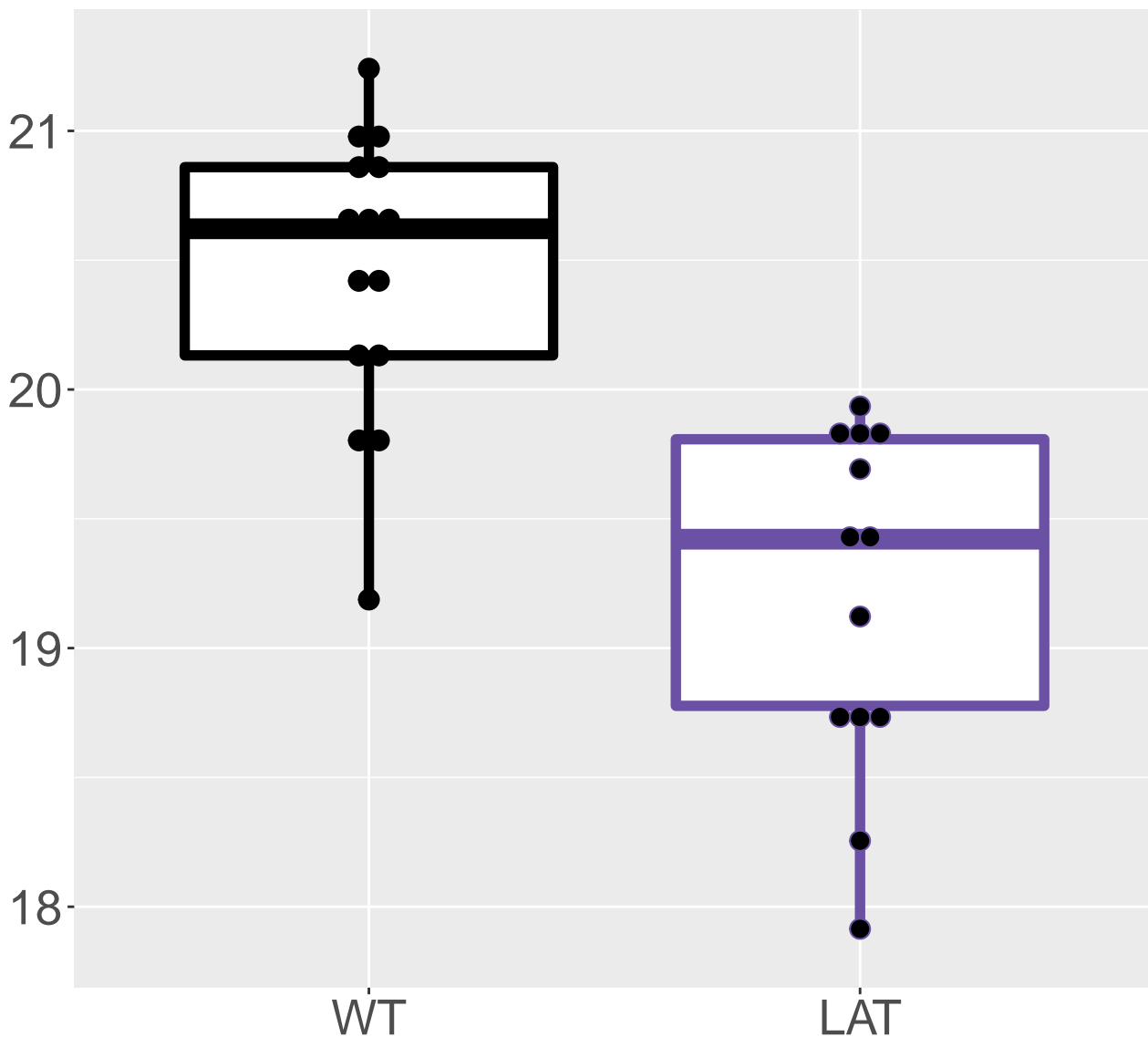
M303.2332T77.54

FDR = 0.00017, FC = -0.57



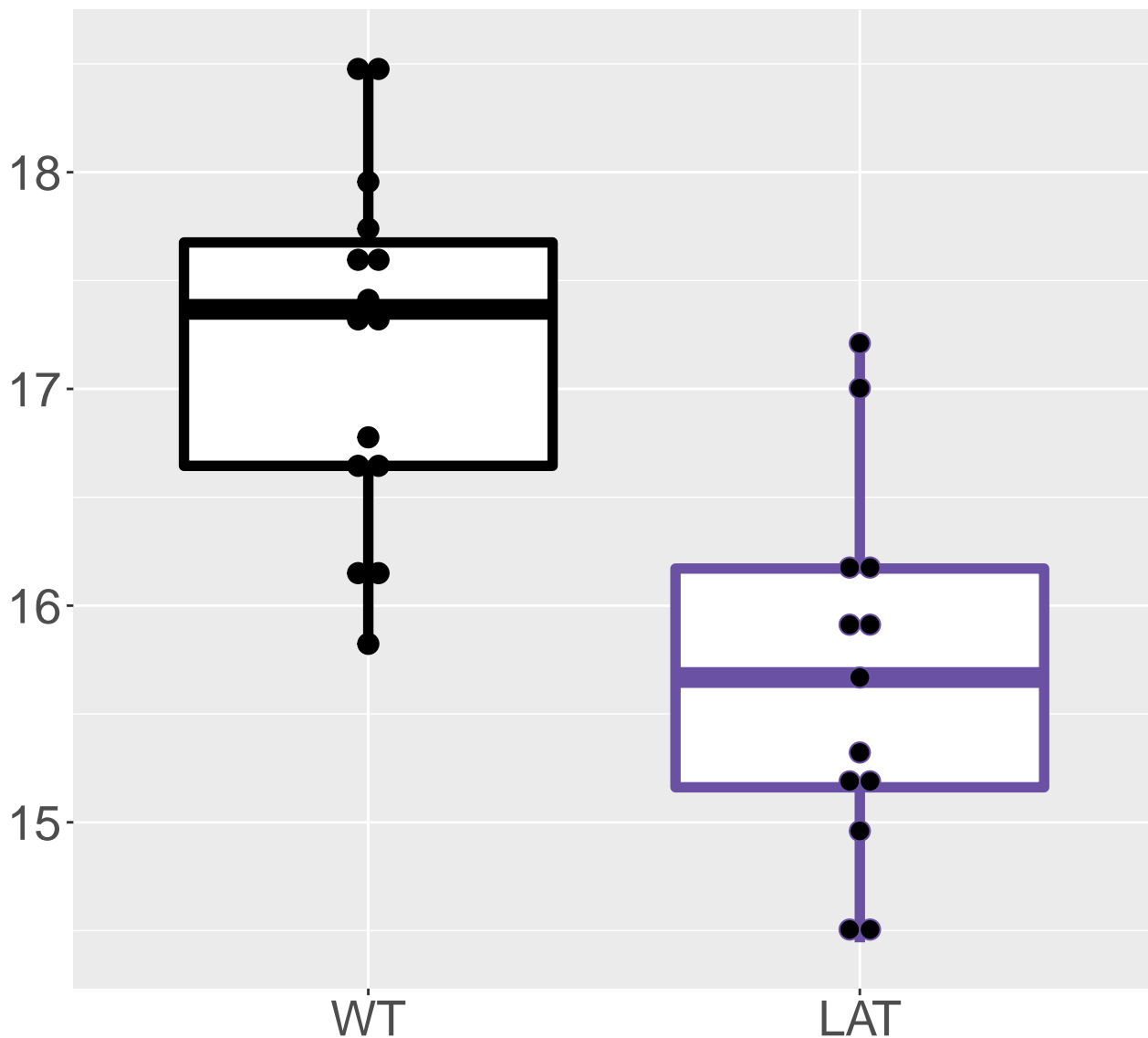
M148.5313T539.5

FDR = 0.00017, FC = -1.3



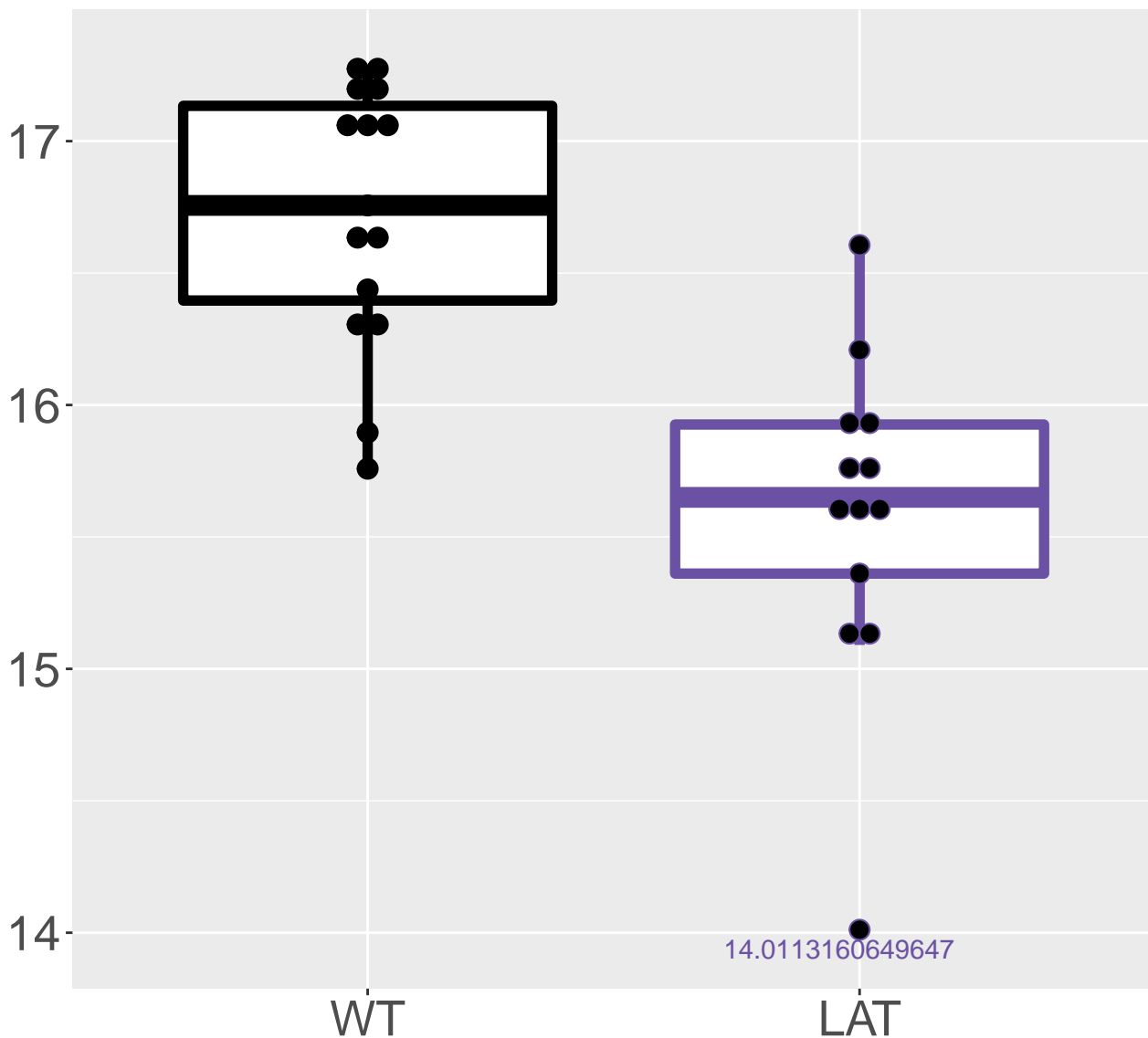
M478.2201T326.35

FDR = 0.00017, FC = -1.5

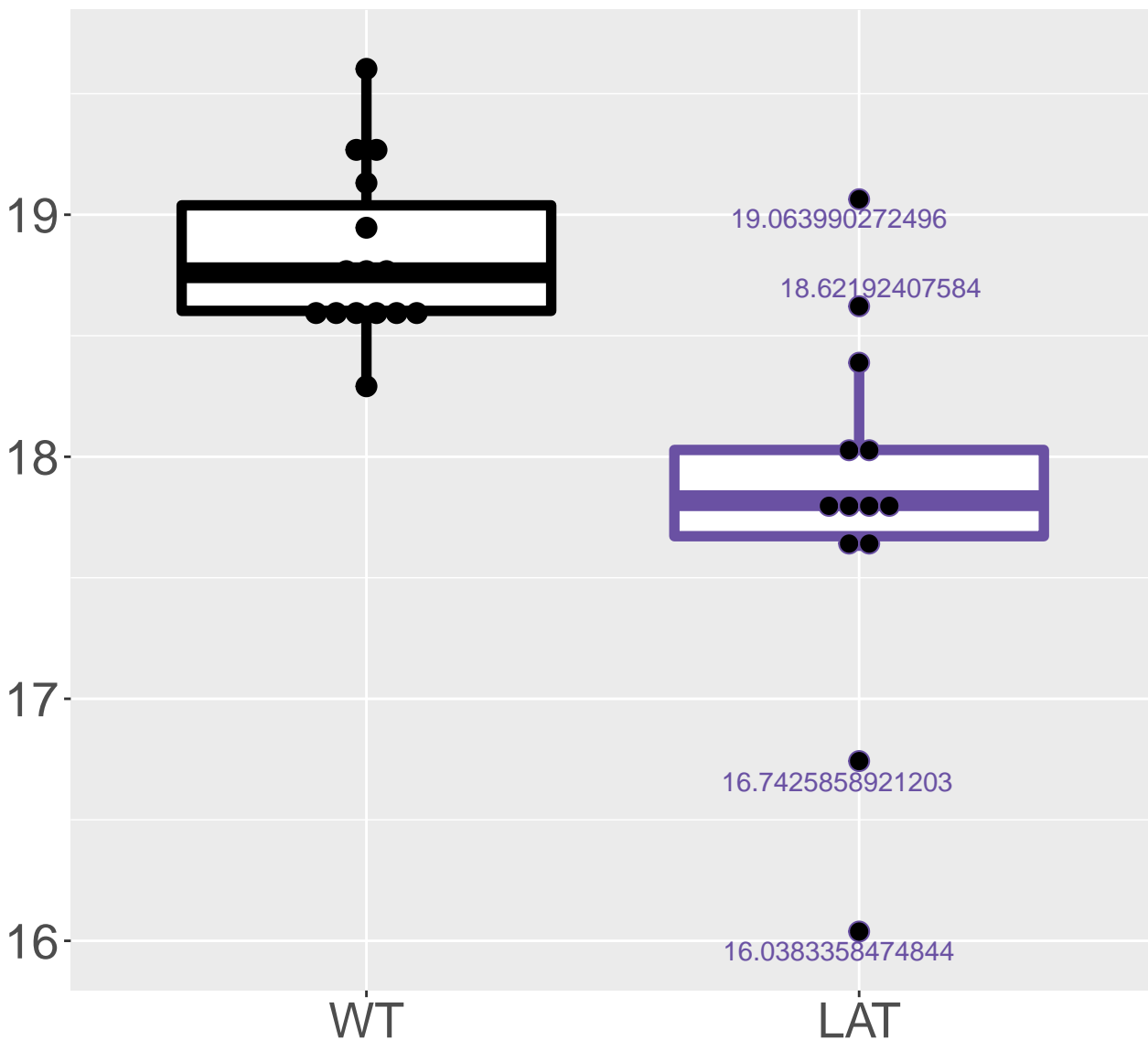


M280.0864T209.15

FDR = 0.00017, FC = -1.1

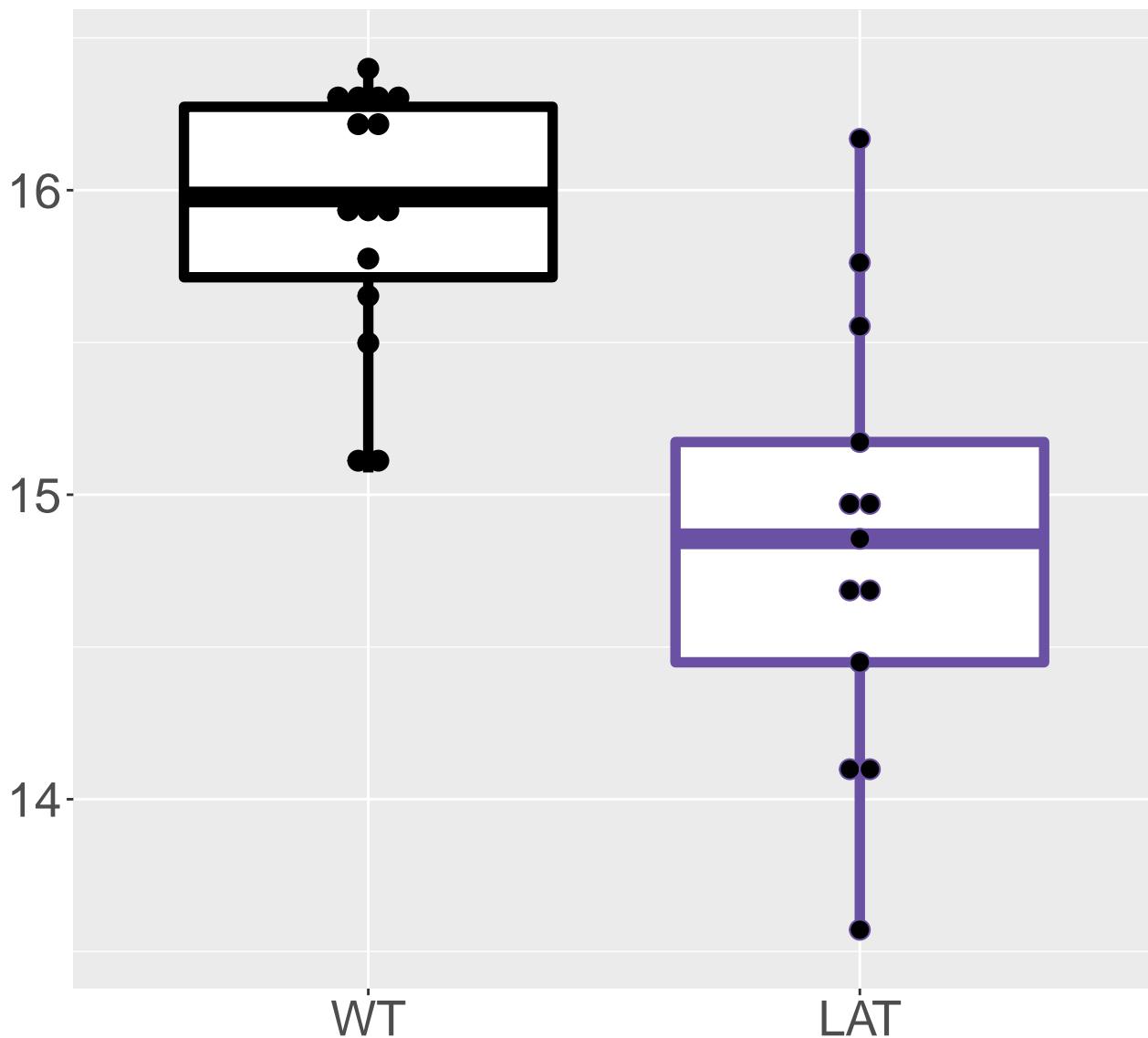


FDR = 0.00018, FC = -1



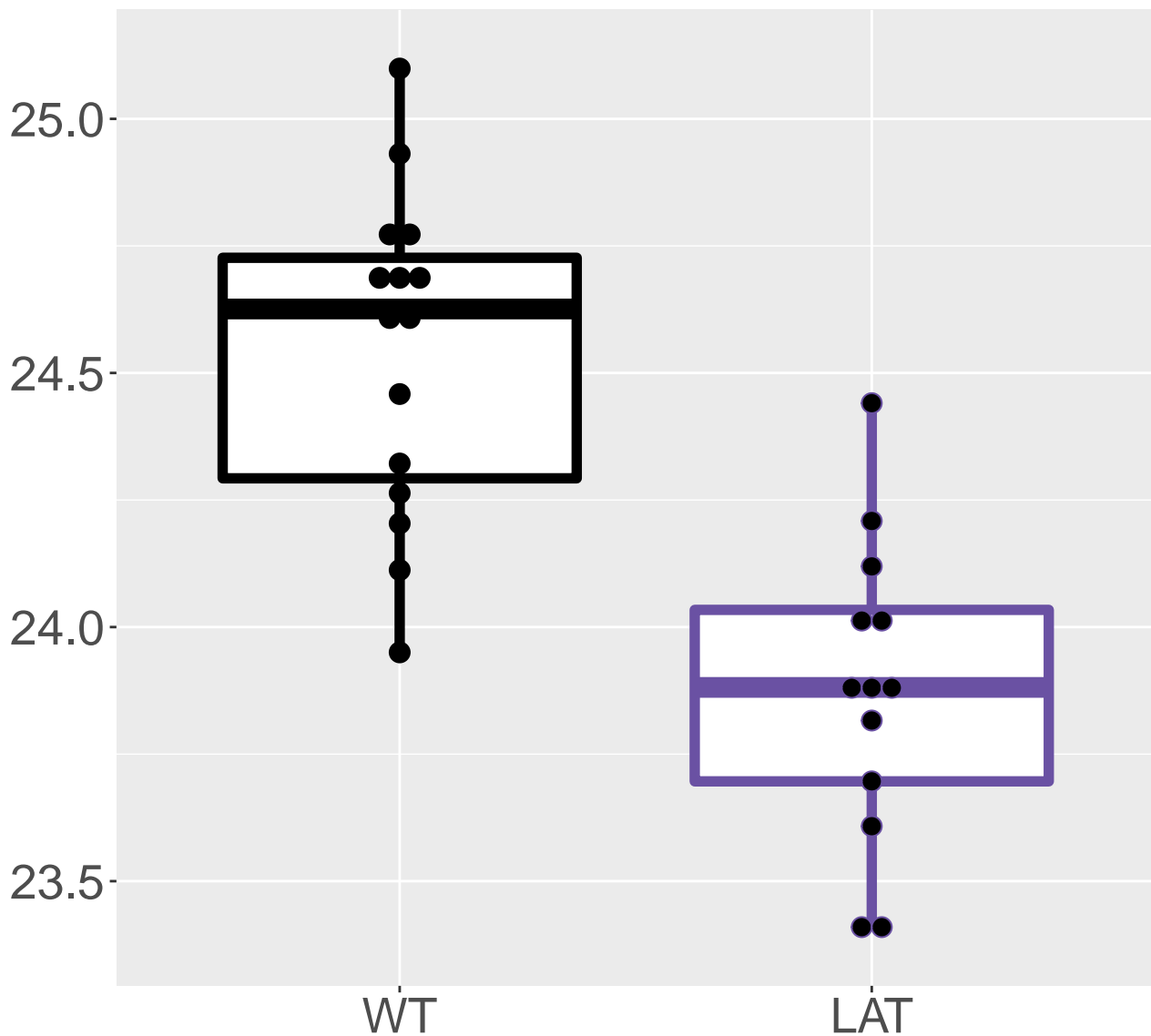
M813.3265T602.65

FDR = 0.00018, FC = -1.1



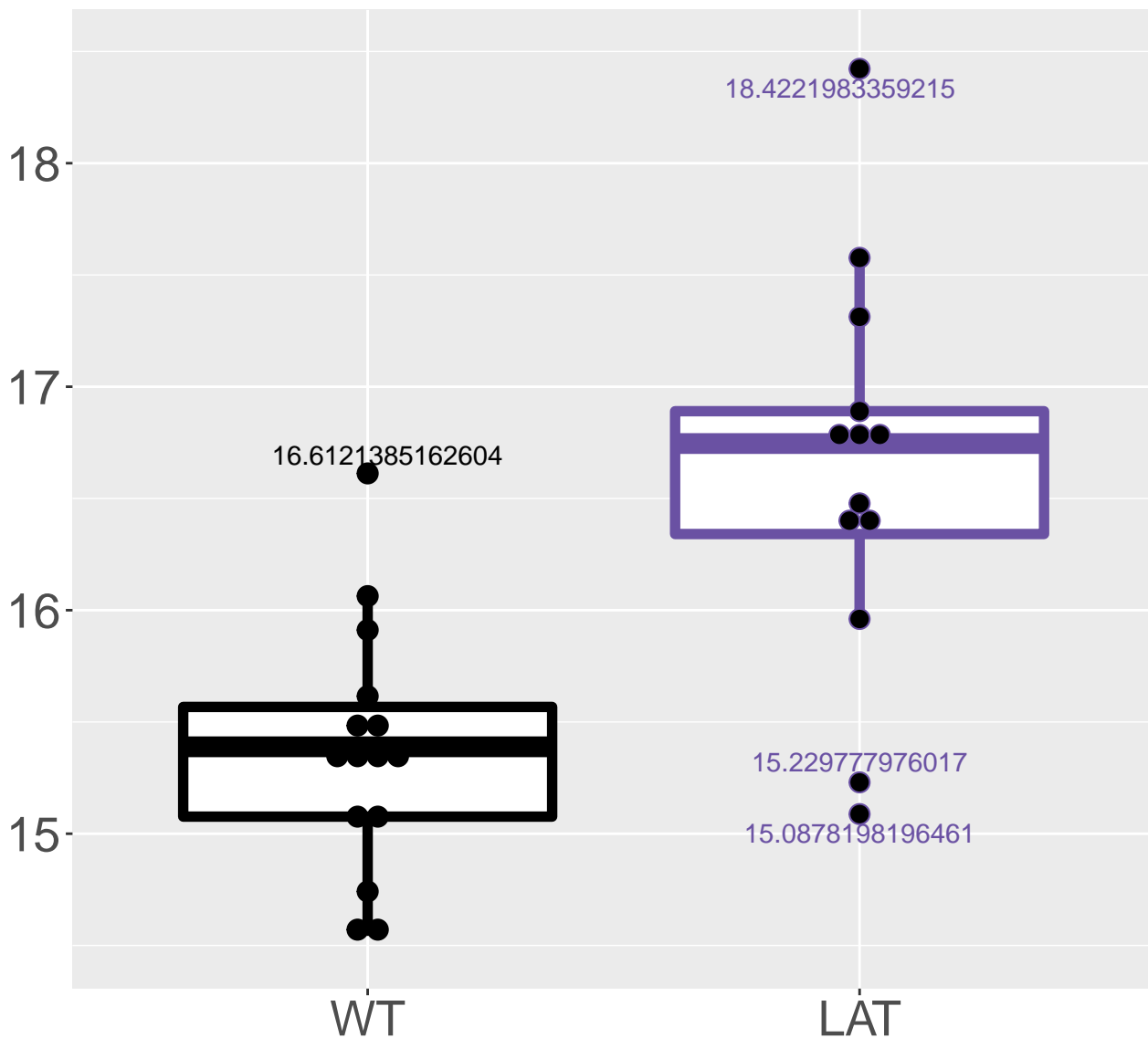
L-Serine;Serine

FDR = 0.00019, FC = -0.67



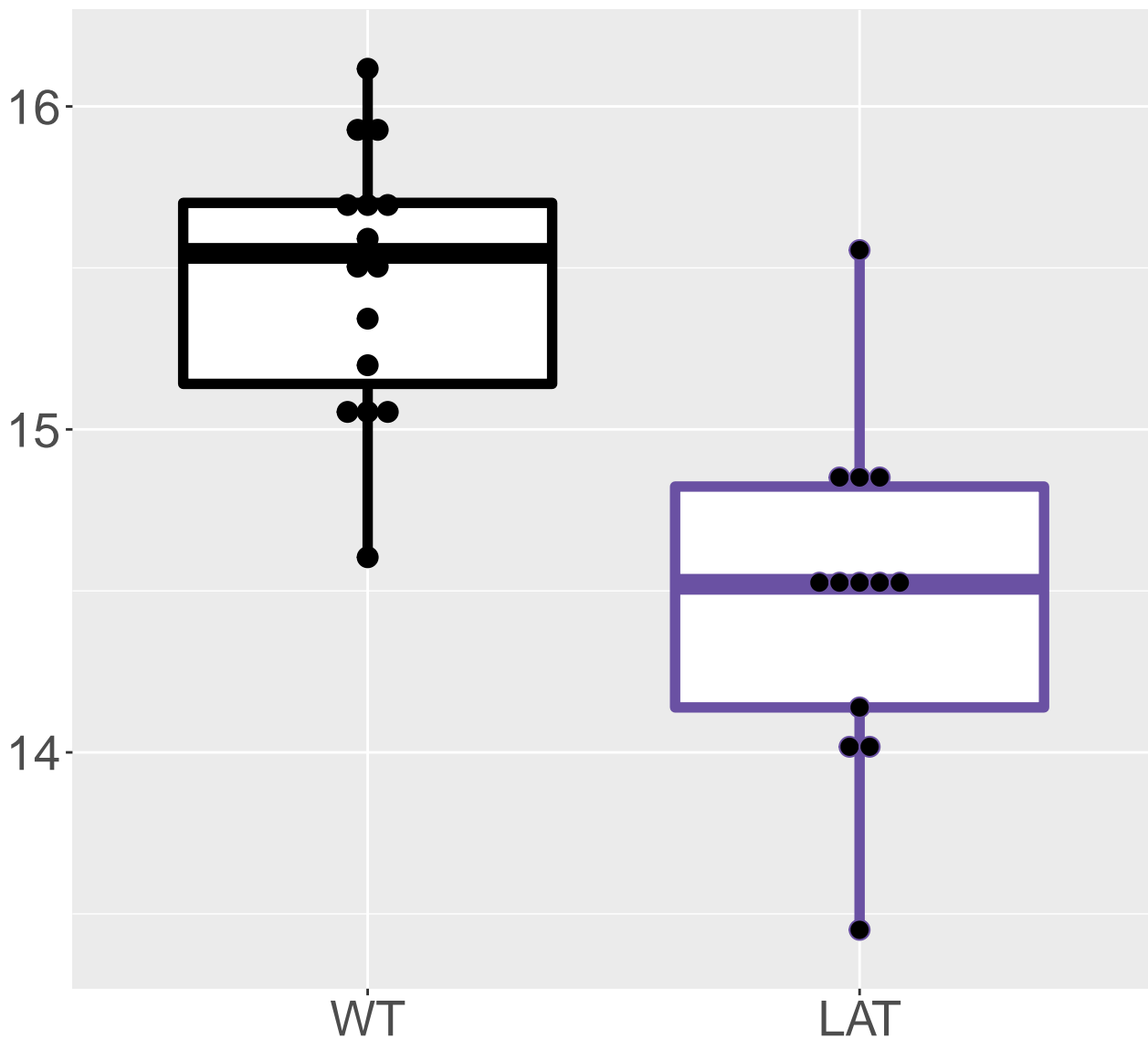
M301.0729T199.59

FDR = 0.00019, FC = 1.2



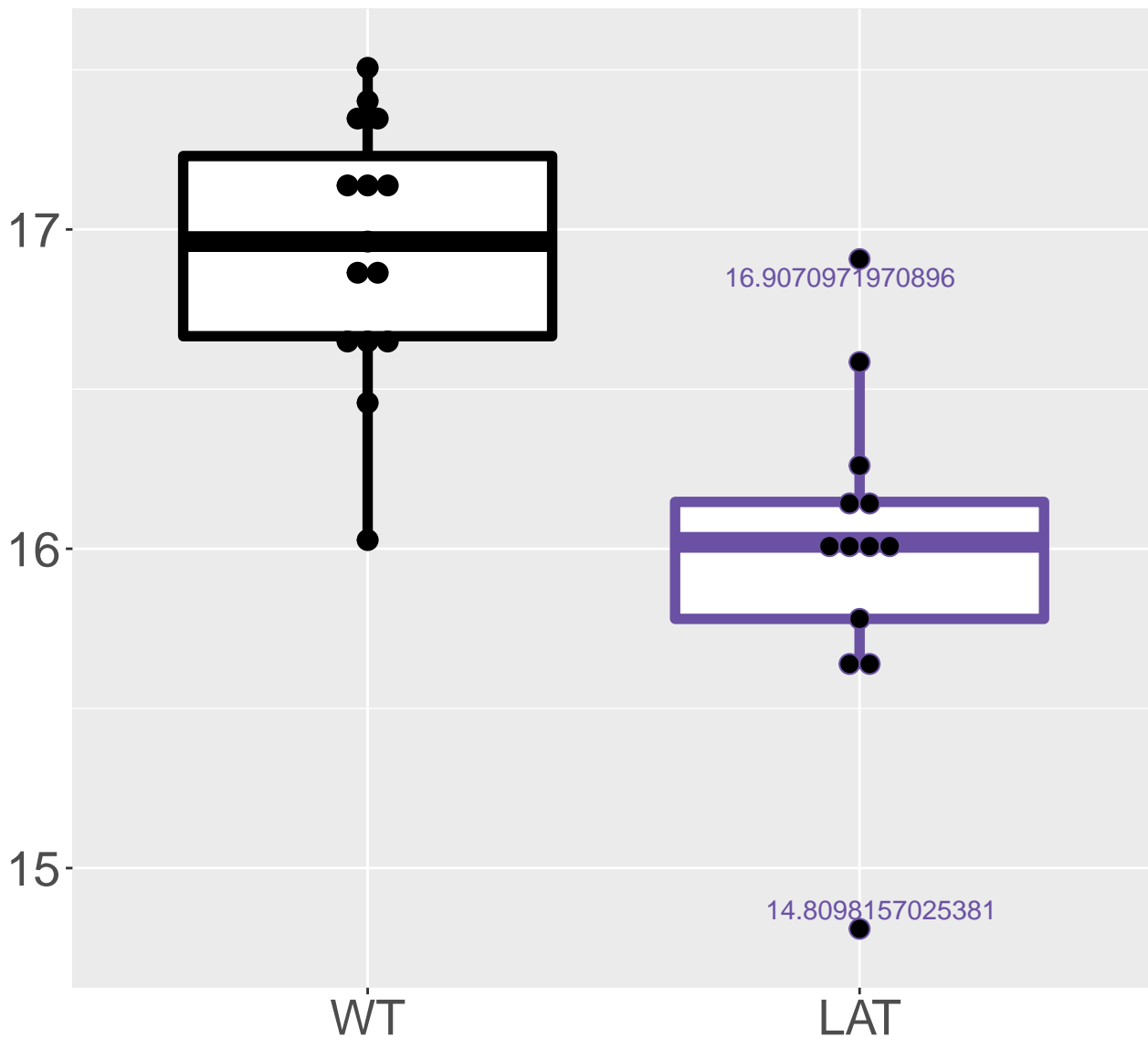
M549.1507T620_2

FDR = 0.00019, FC = -0.97



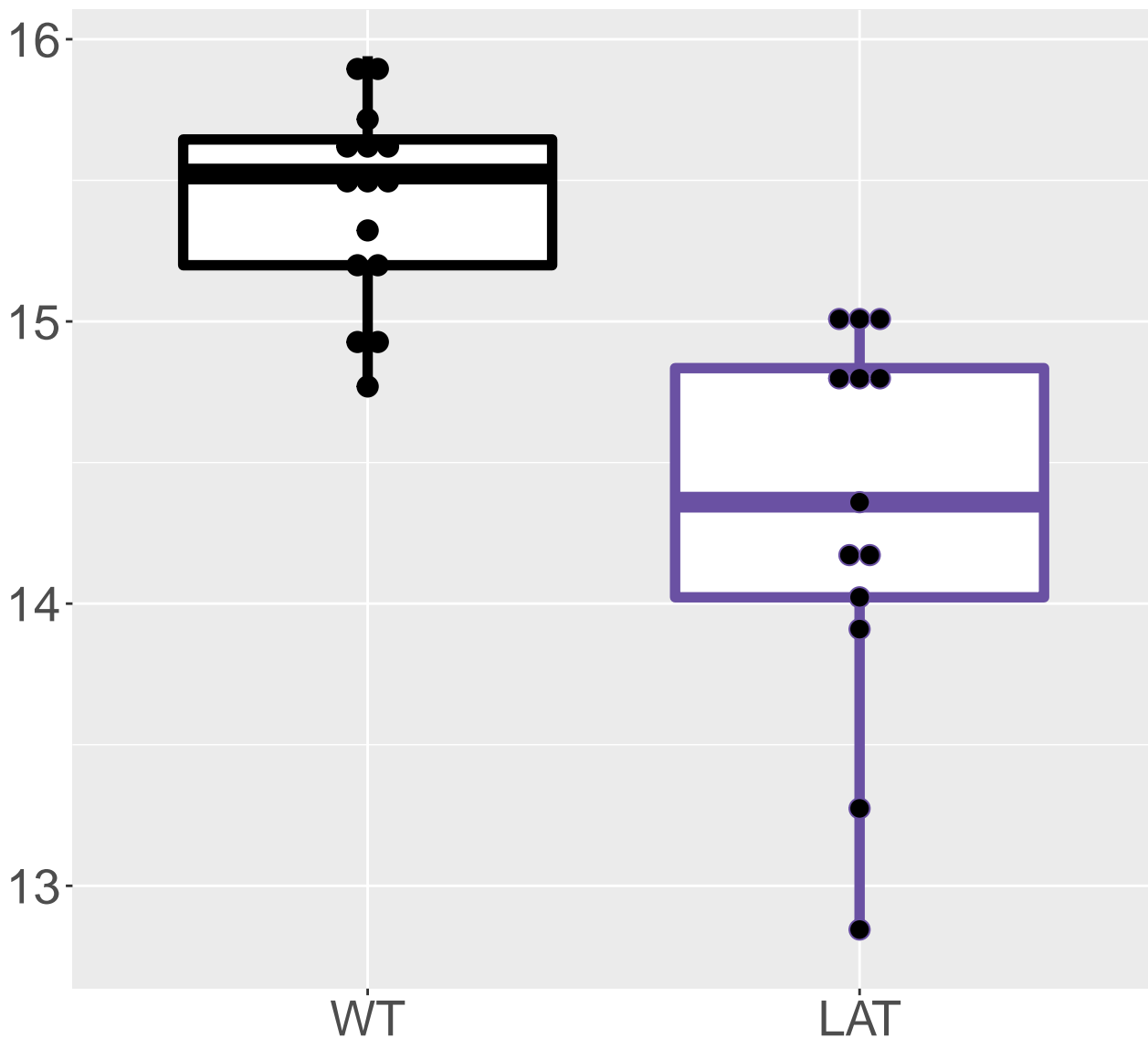
M548.6503T620.03_1

FDR = 0.00019, FC = -0.95

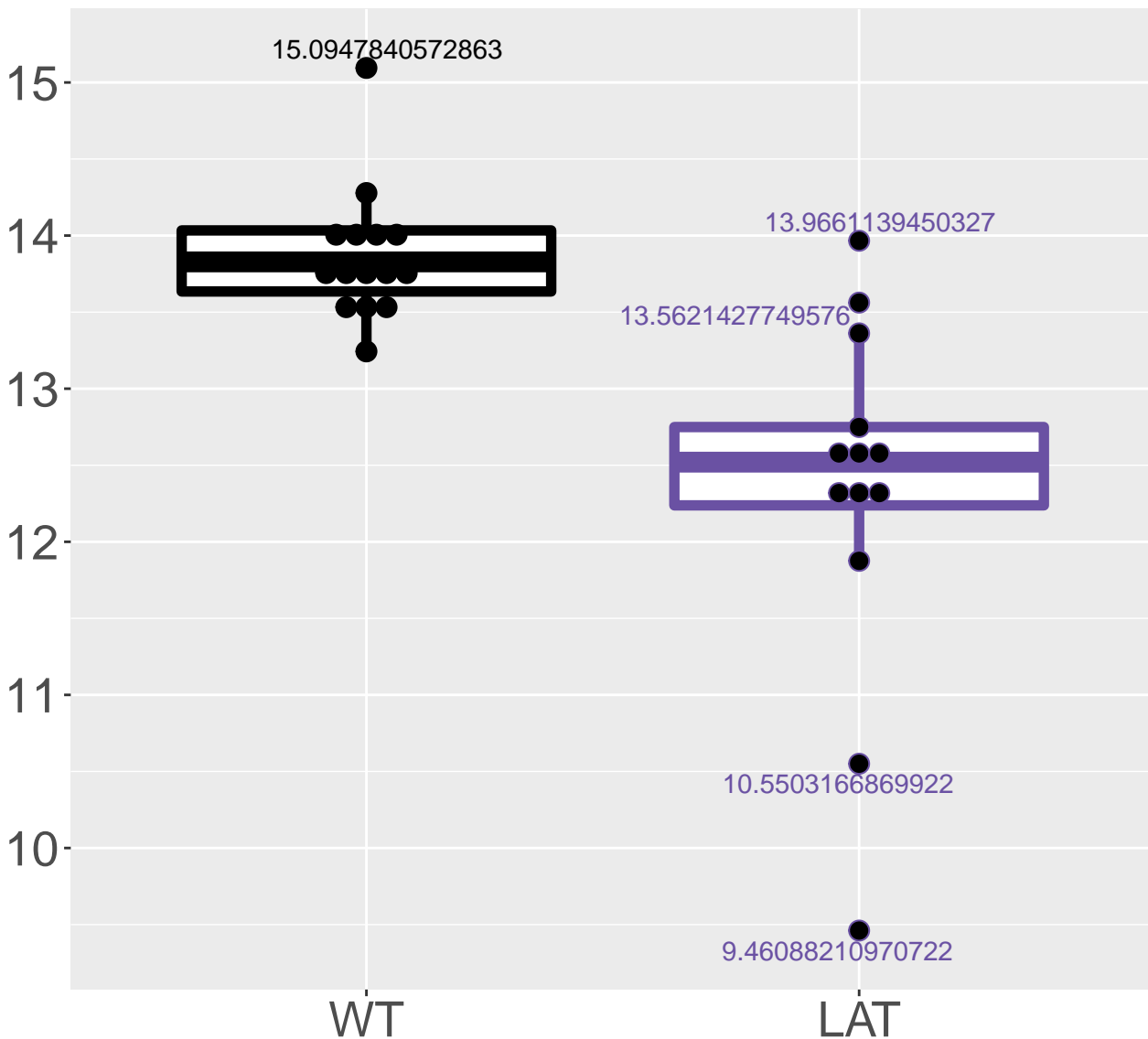


M433.1401T496.11

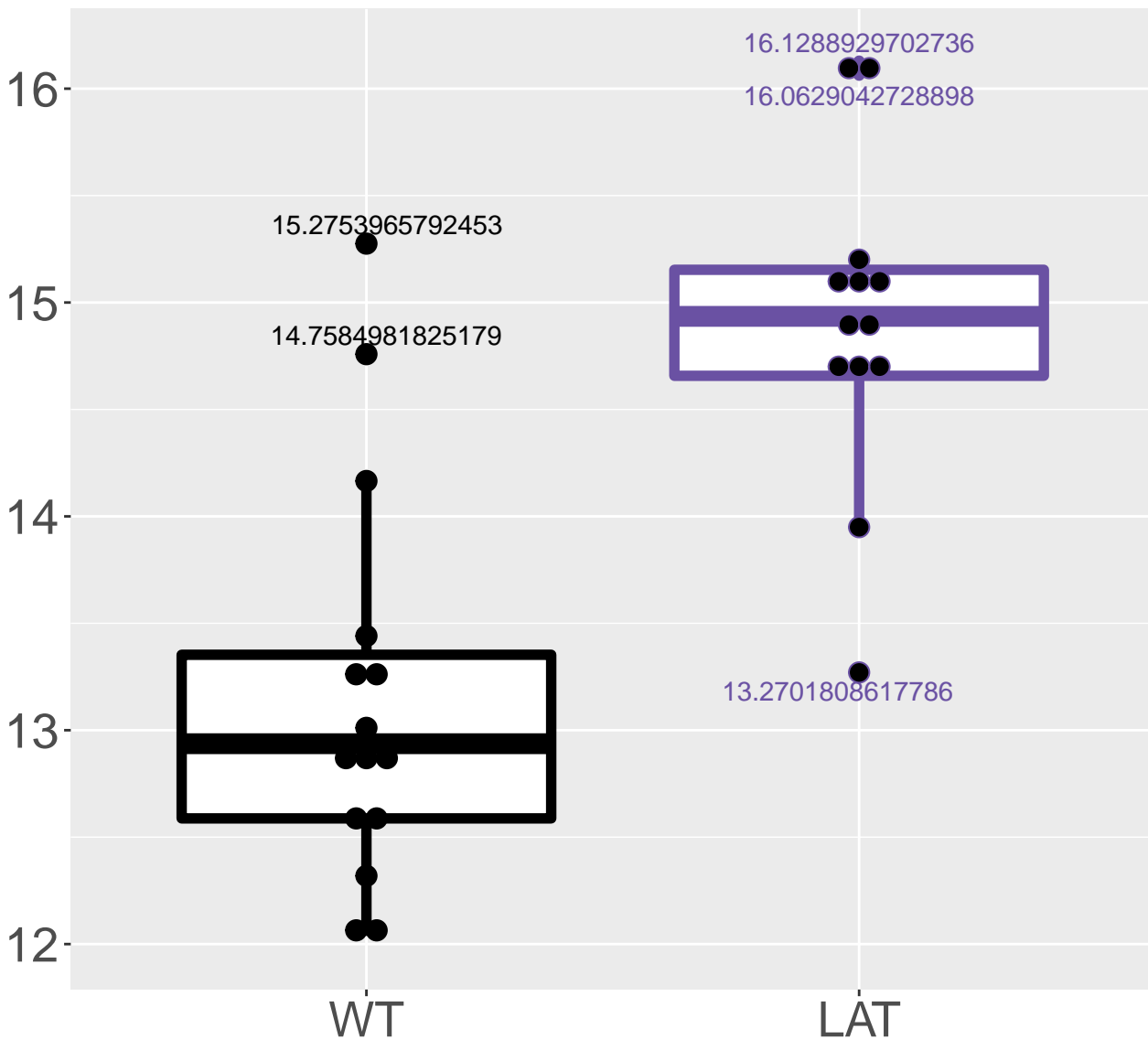
FDR = 0.00019, FC = -1.1



FDR = 0.00019, FC = -1.5

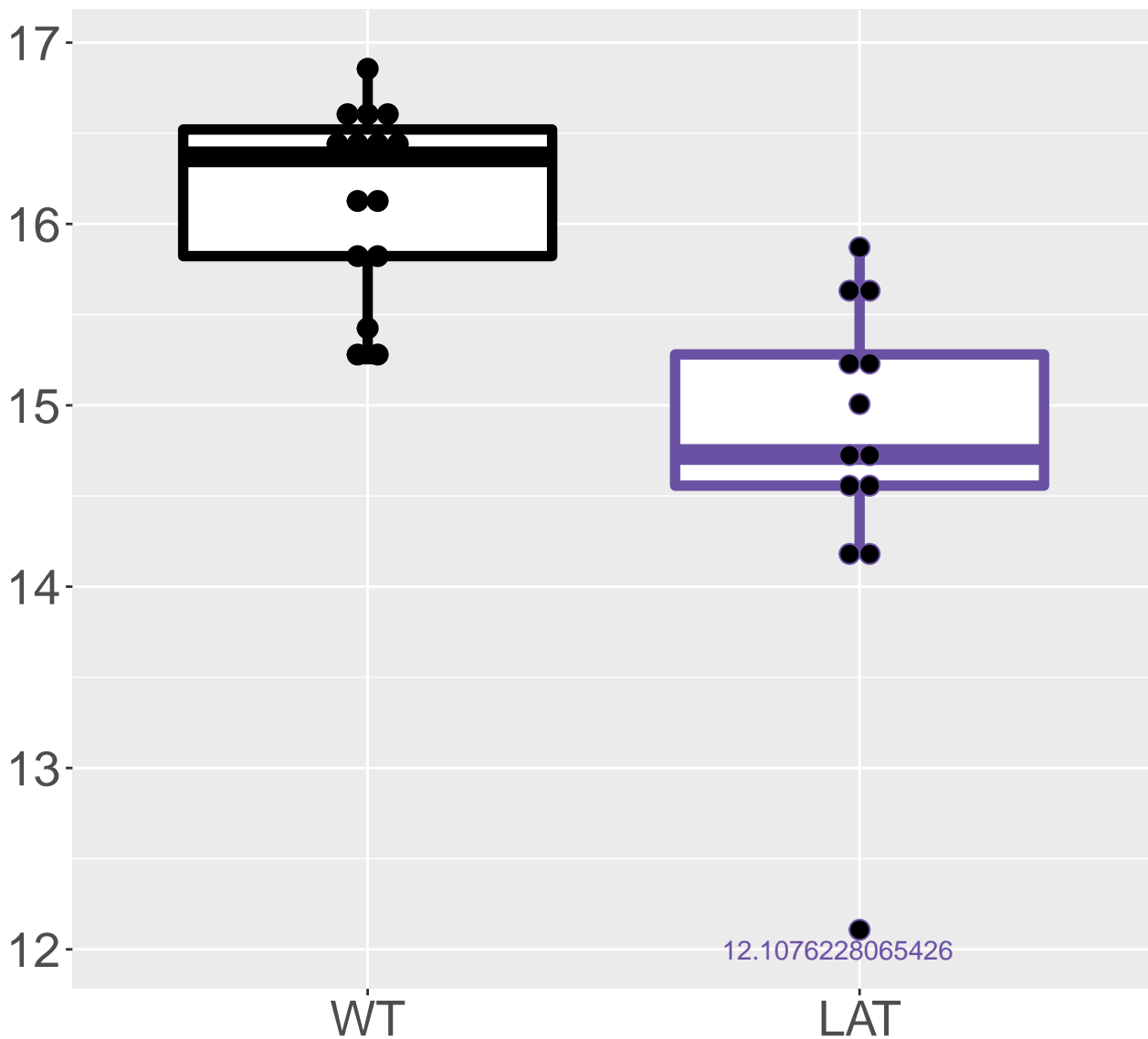


FDR = 2e-04, FC = 1.7

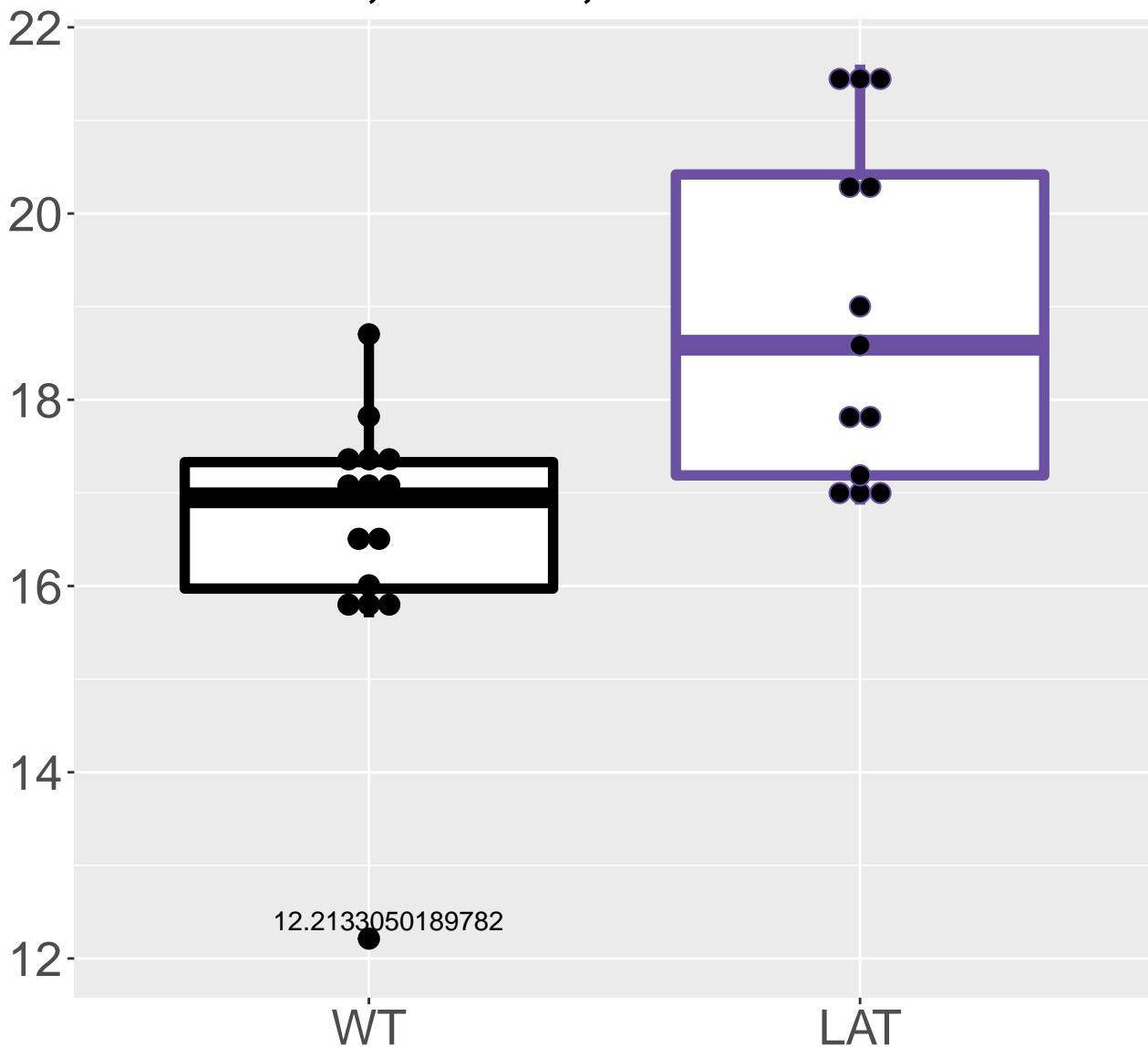


M349.1256T323.12

FDR = 2e-04, FC = -1.4

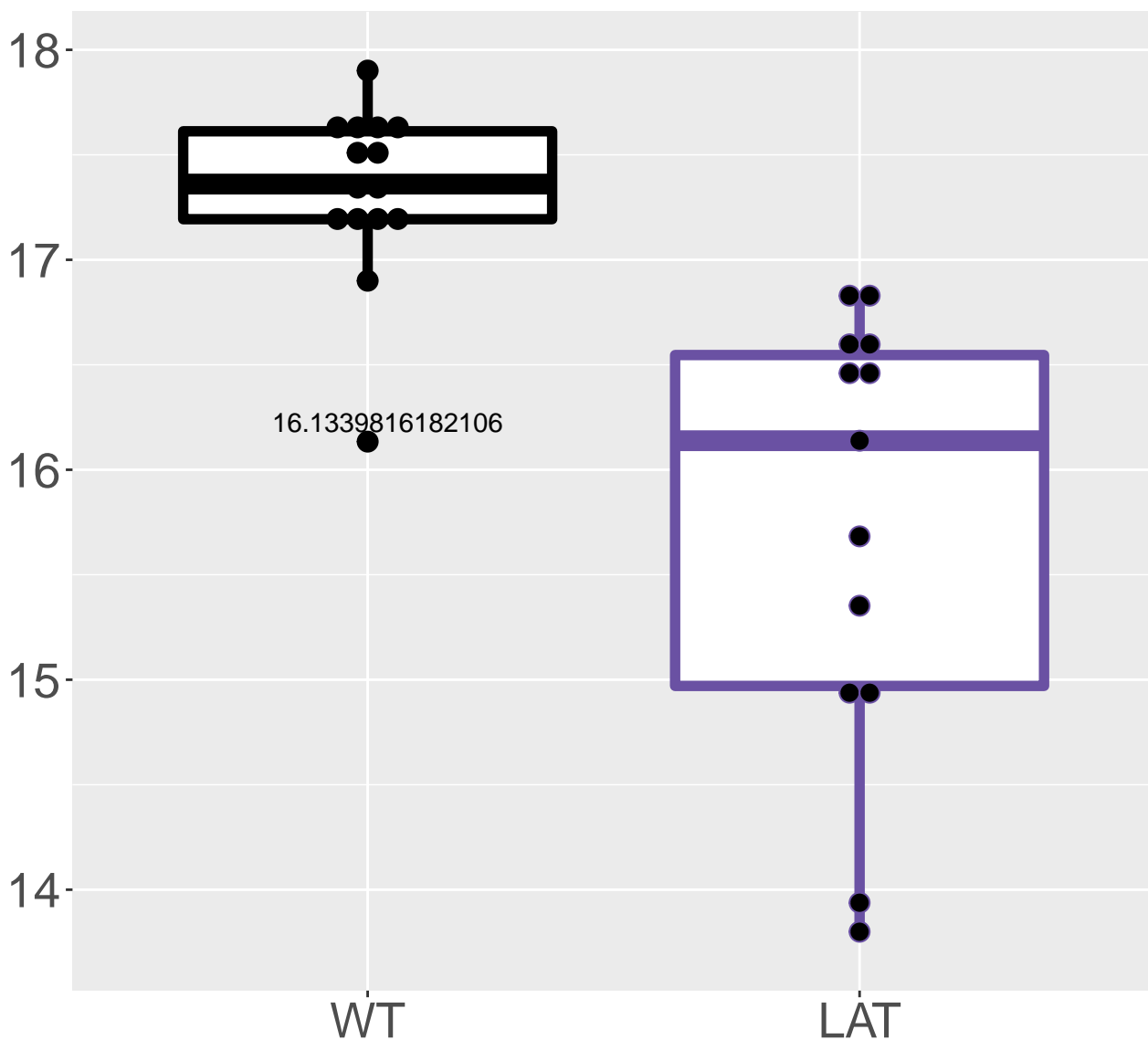


GMP;Guanosine 5'-monophosphate;Guanosine
FDR = 2e-04, FC = 2.4, sex***



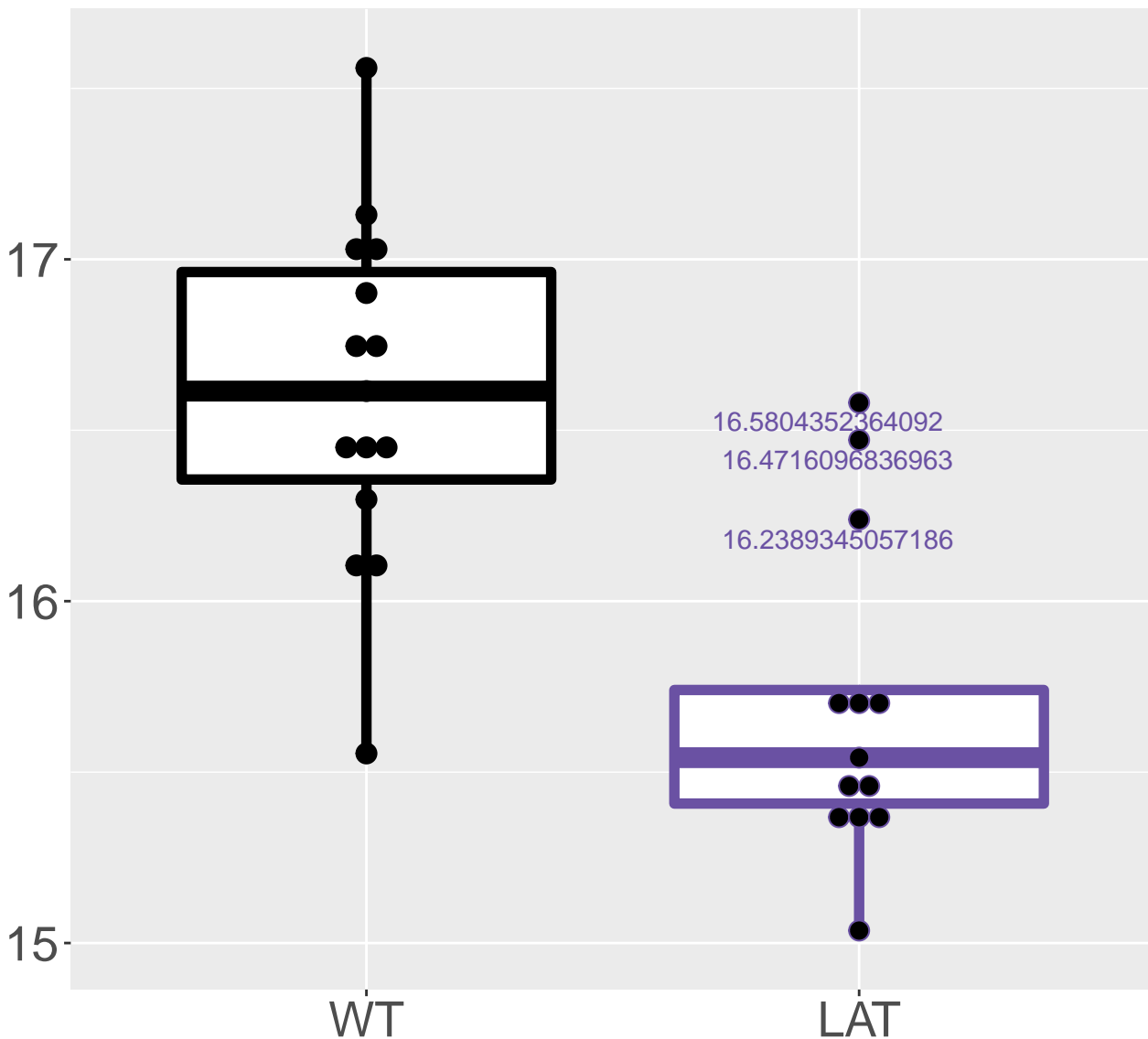
M545.2355T206.16

FDR = 2e-04, FC = -1.6



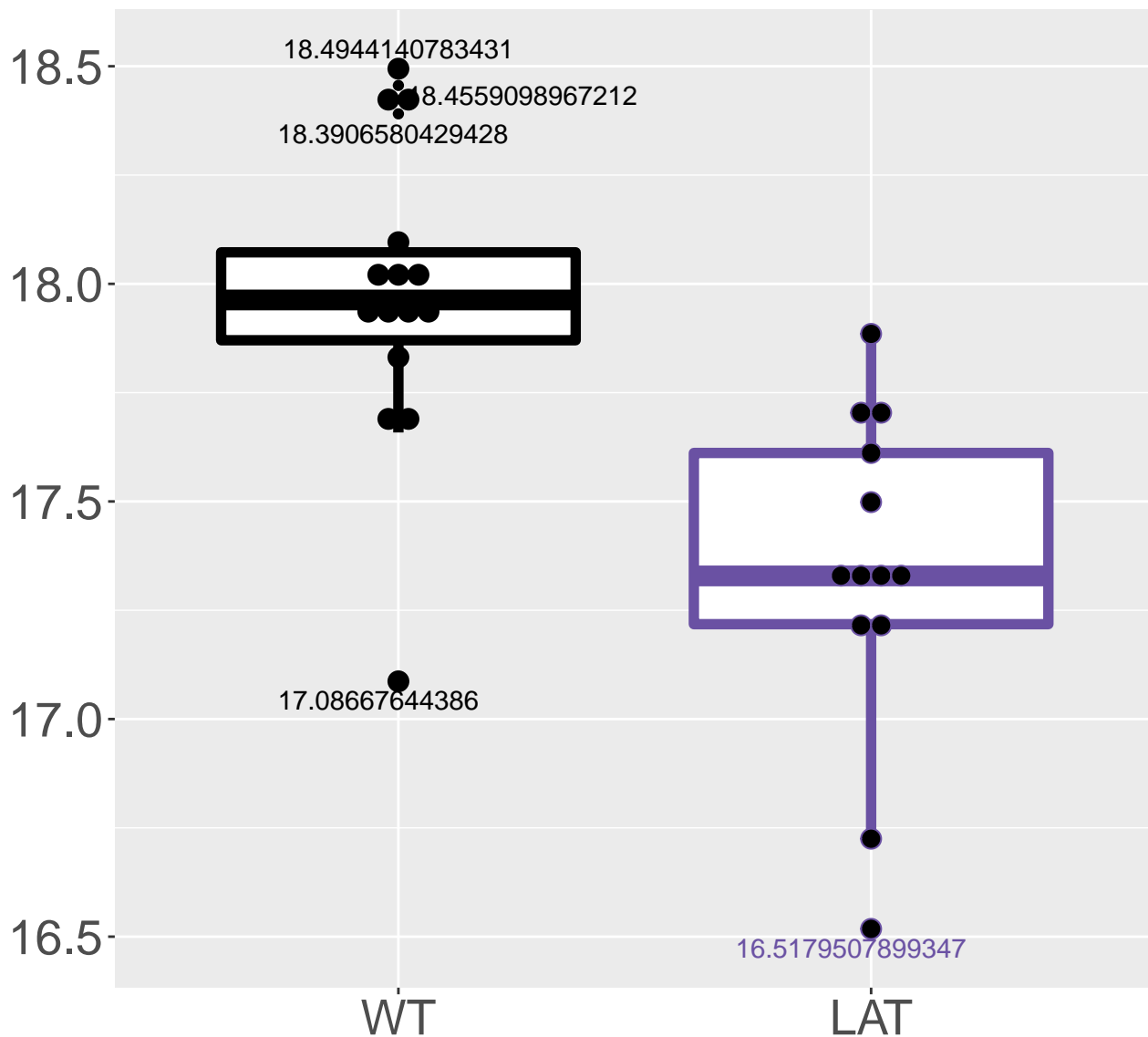
M223.0761T172.88

FDR = 2e-04, FC = -0.92

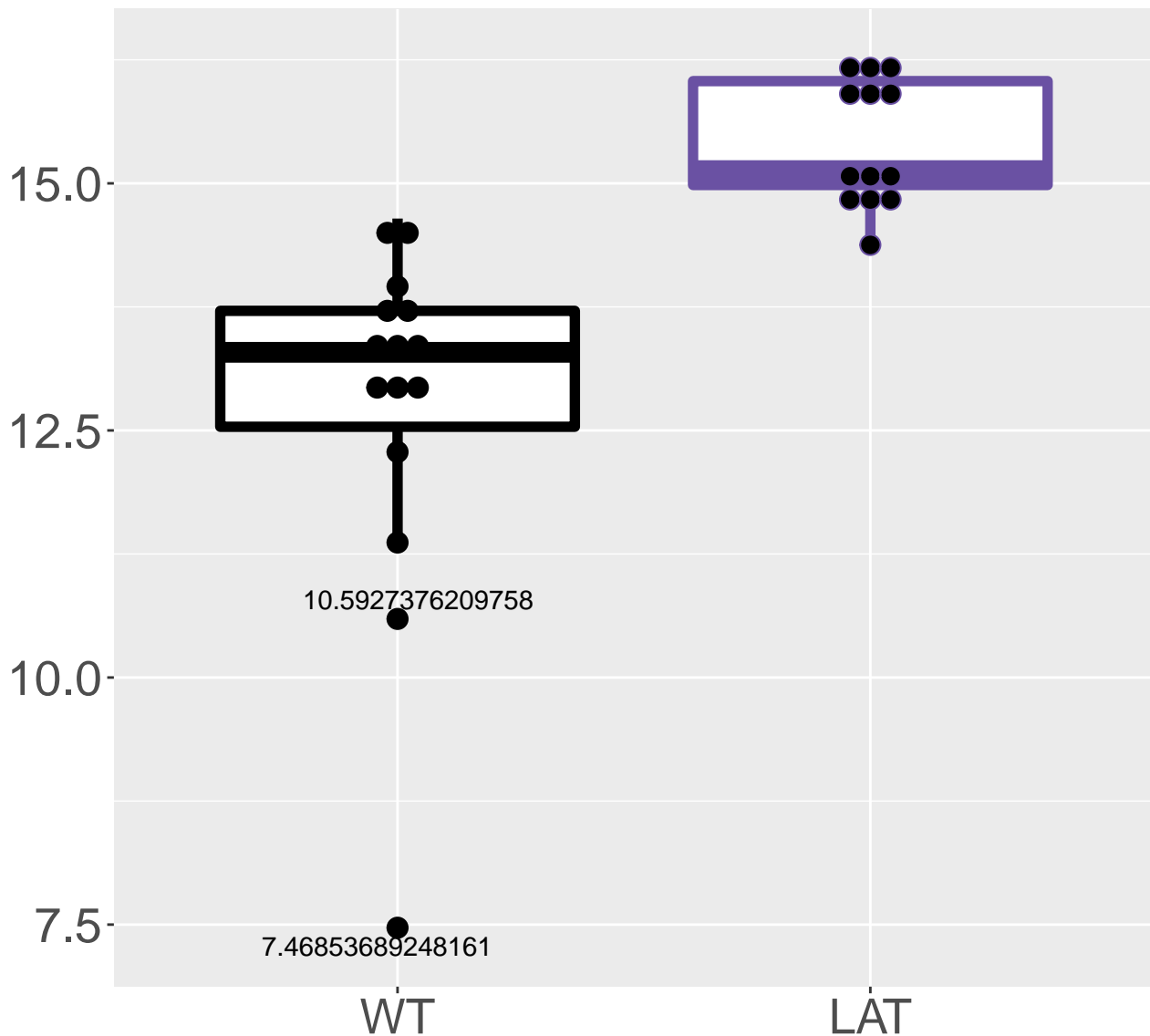


M553.156T503.47

FDR = $2e-04$, FC = -0.63 , sex*

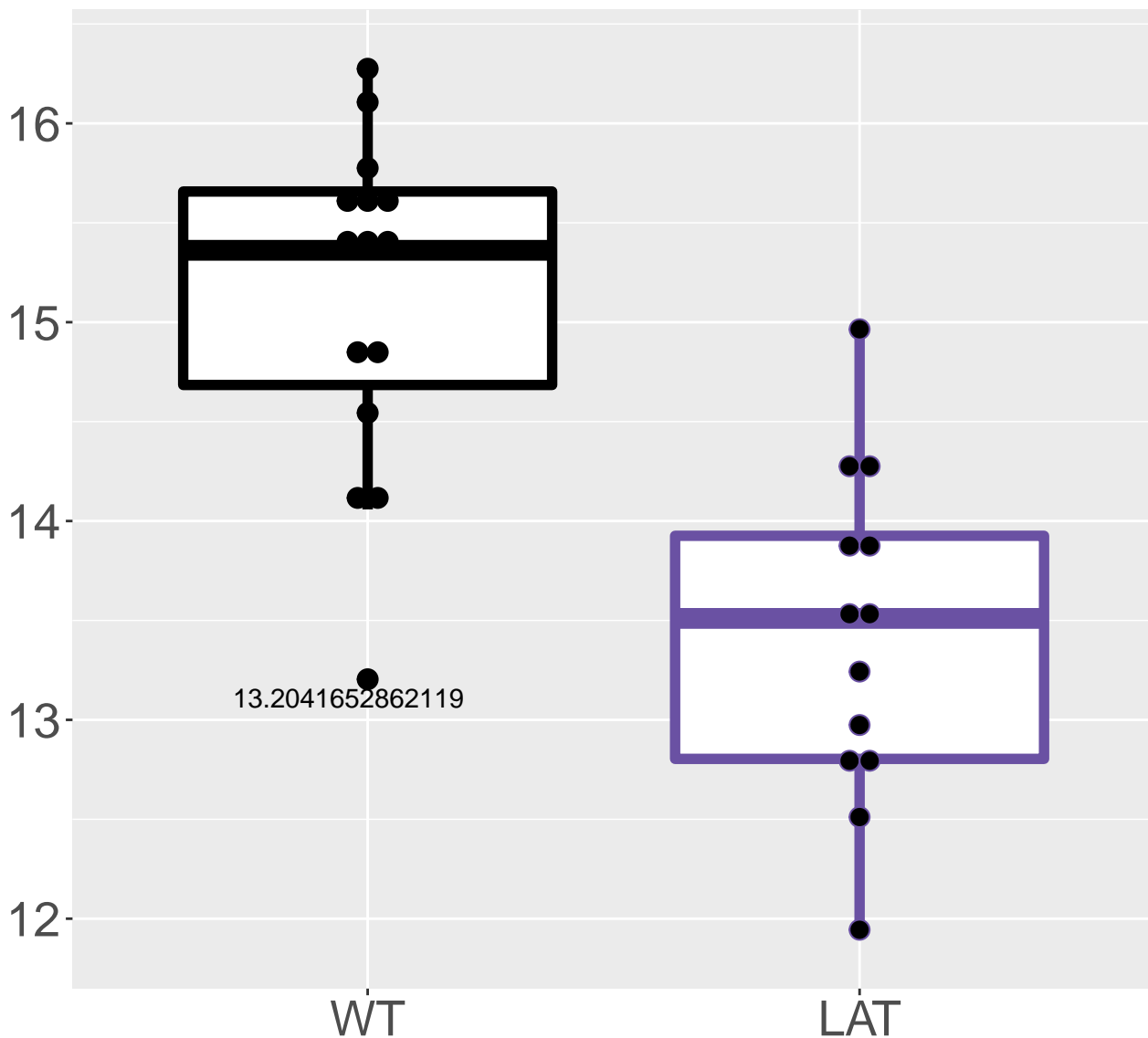


M134.0389T622.73
FDR = 2e-04, FC = 2.7



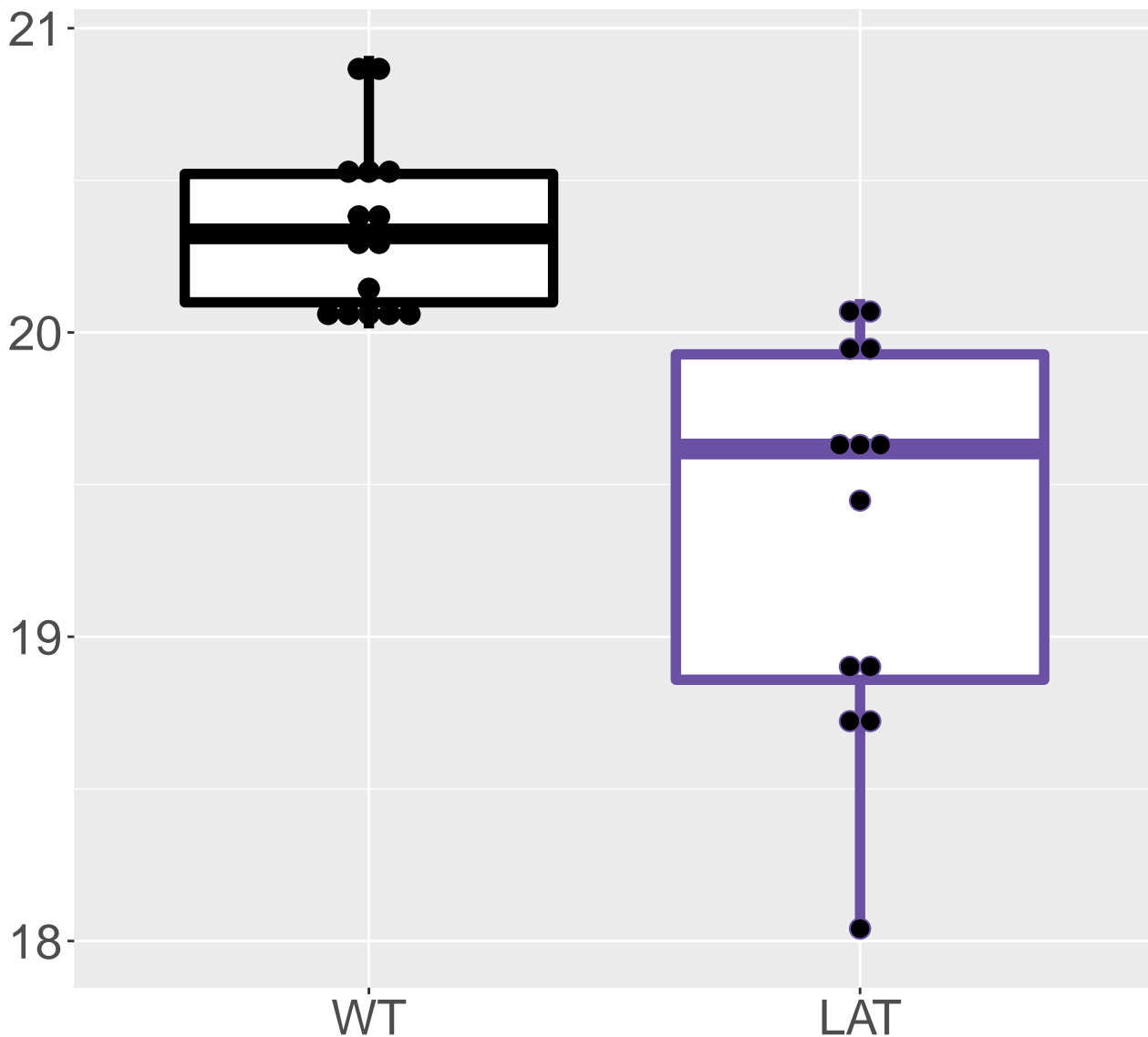
M412.6388T610.32

FDR = 2e-04, FC = -1.7



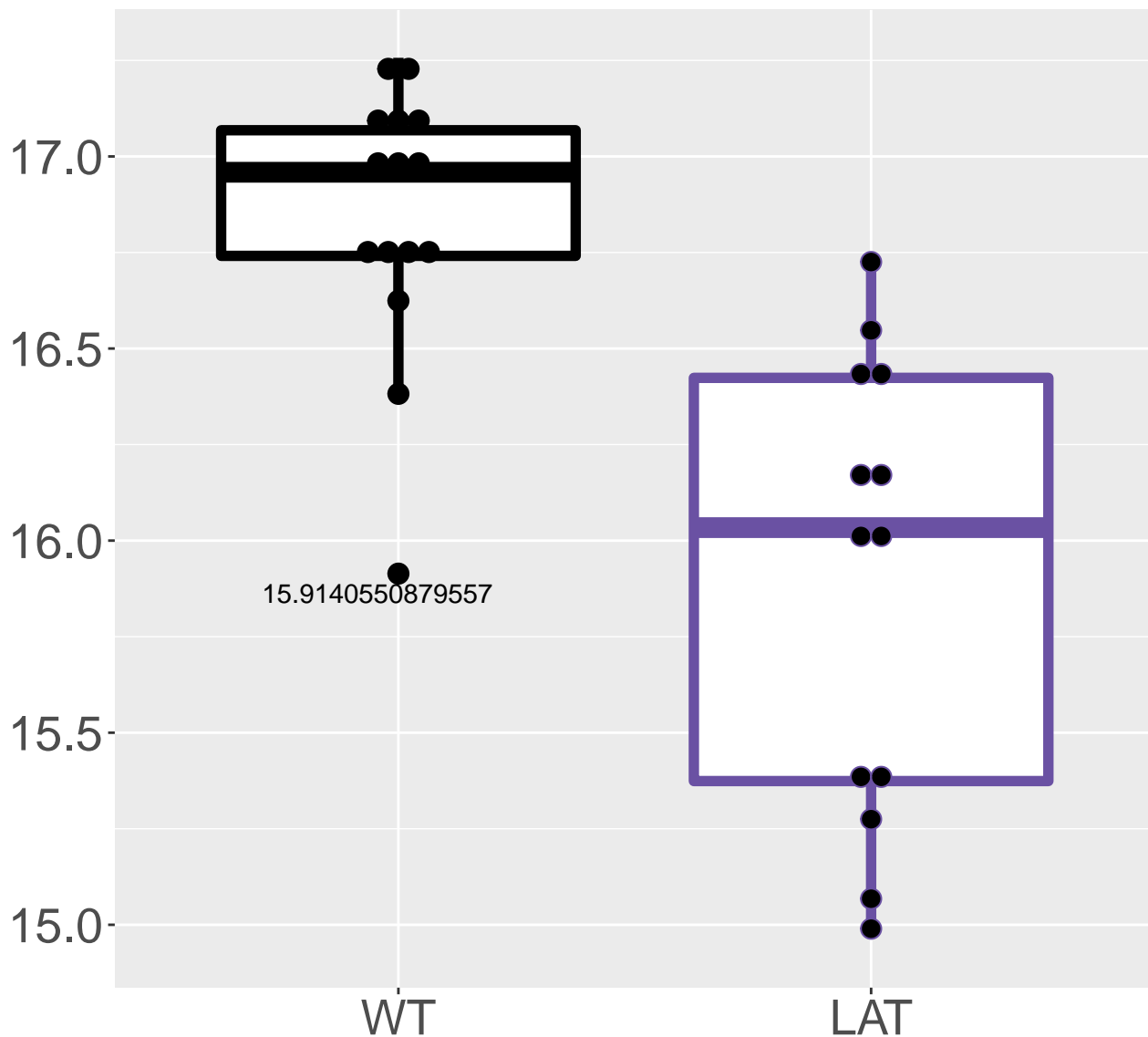
M607.4738T77.32

FDR = $2e-04$, FC = -0.99



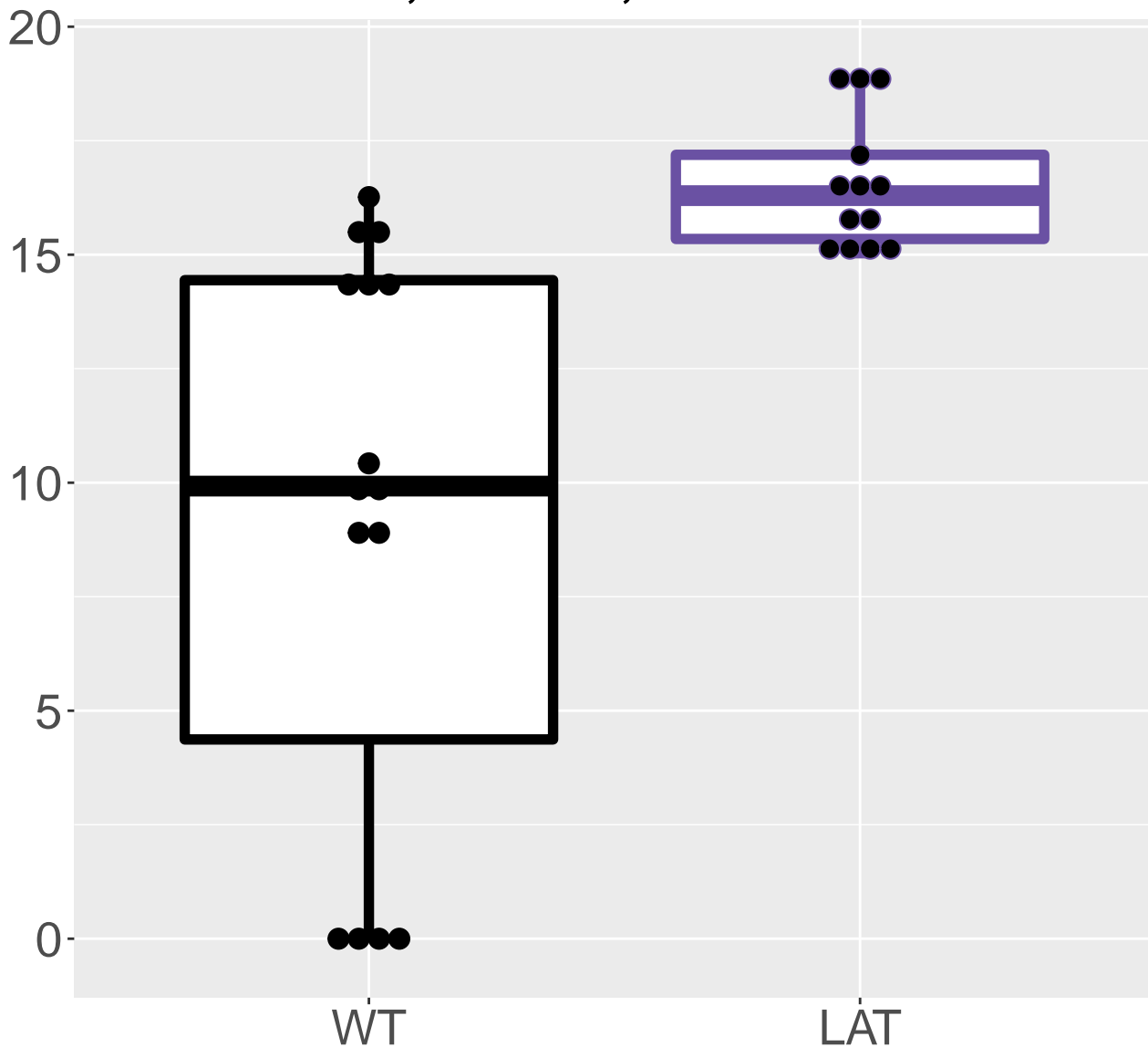
M206.0672T440.71

FDR = $2e-04$, FC = -0.95



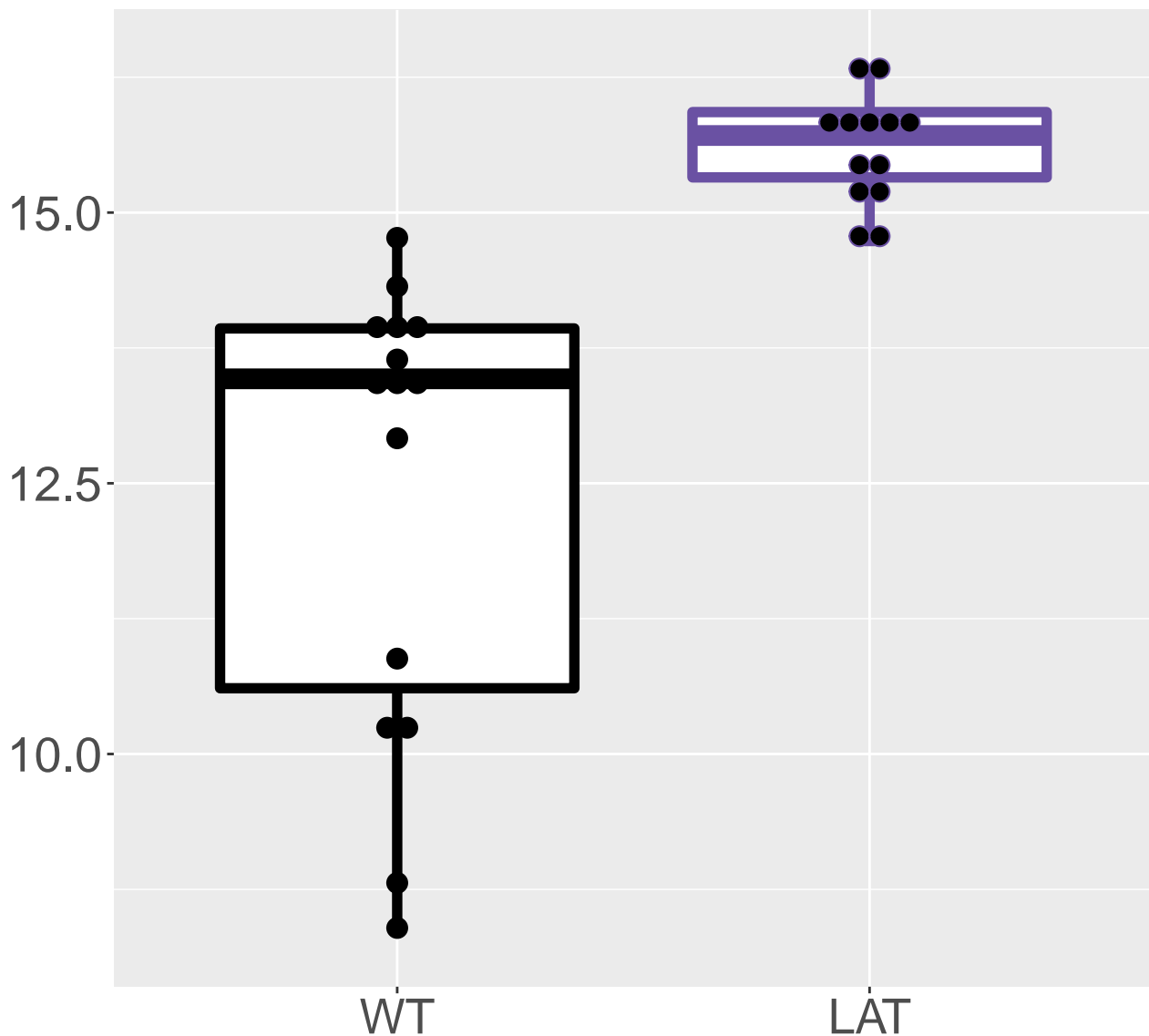
M173.0162T569.42

FDR = 0.00021, FC = 7.3, sex**



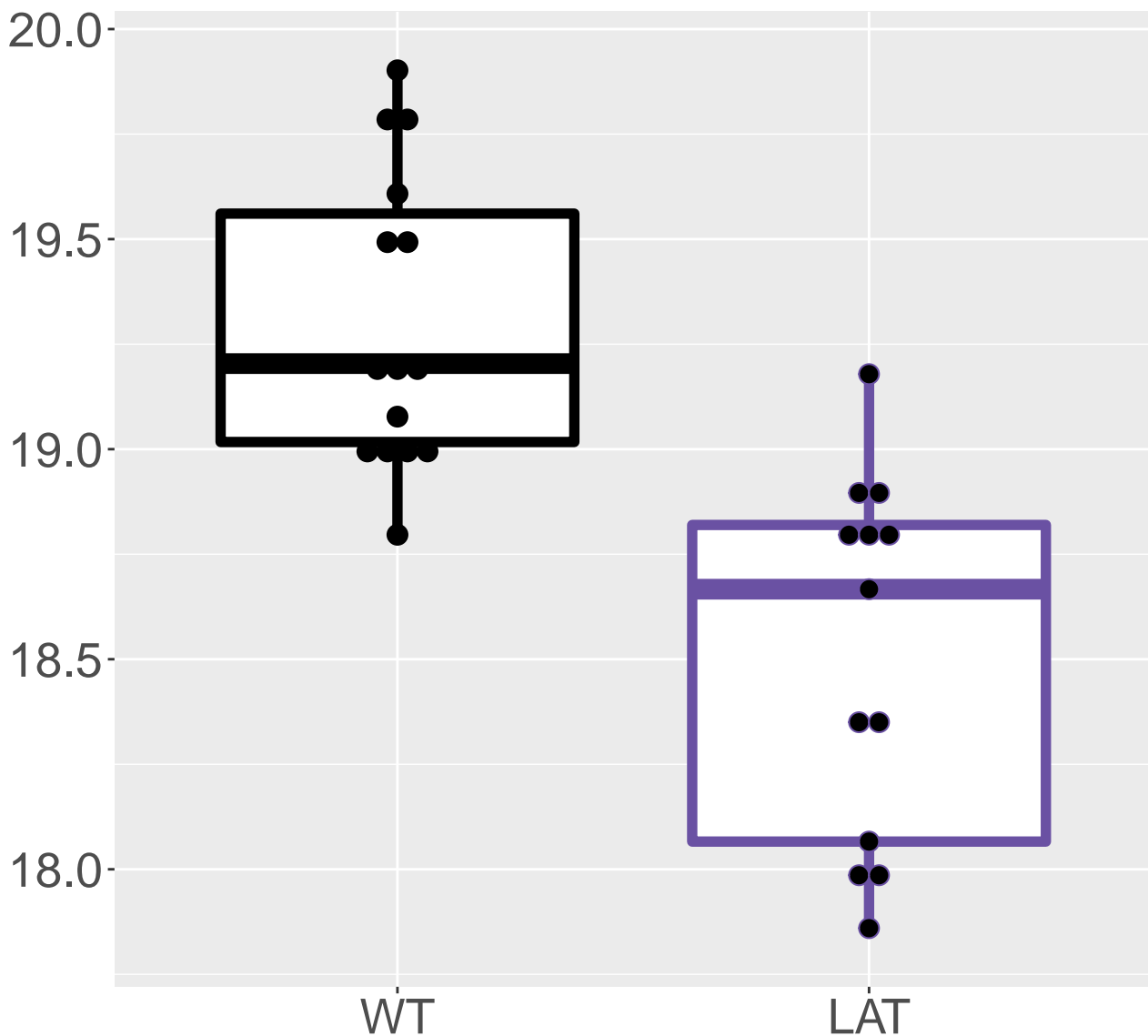
M271.0233T507.55

FDR = 0.00021, FC = 3.2



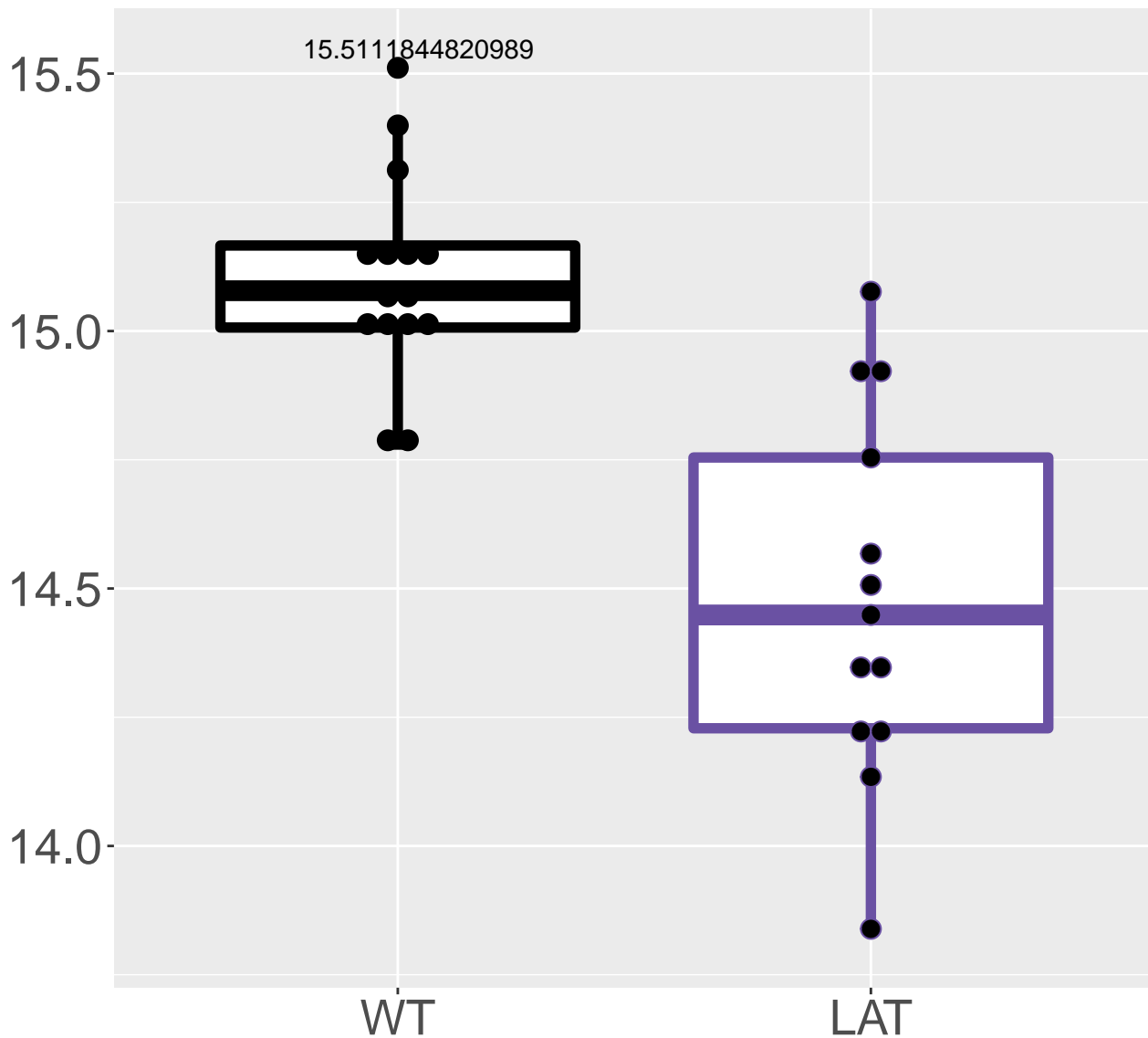
M201.1359T515.29

FDR = 0.00021, FC = -0.79



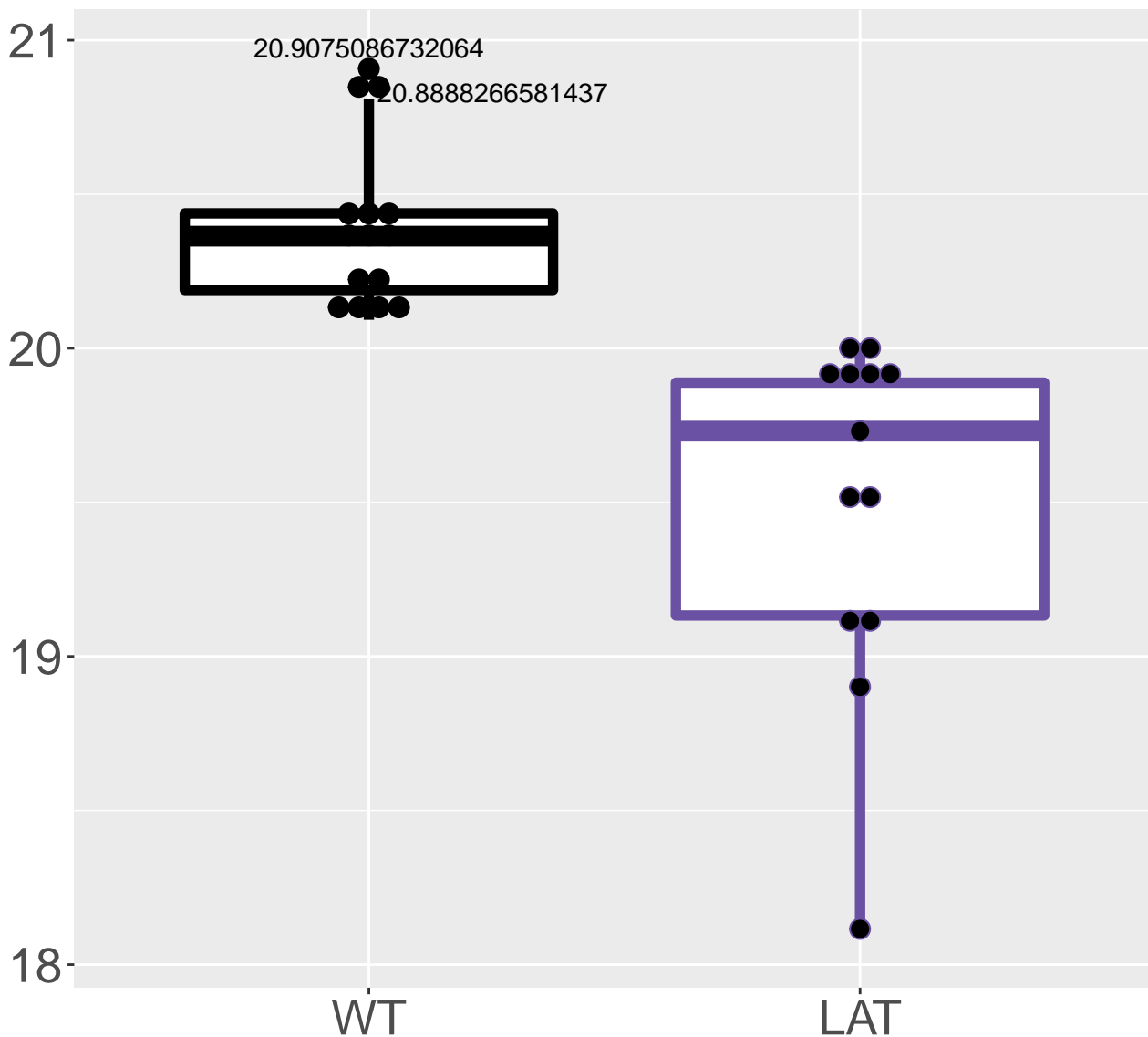
M867.2504T676.8

FDR = 0.00021, FC = -0.62



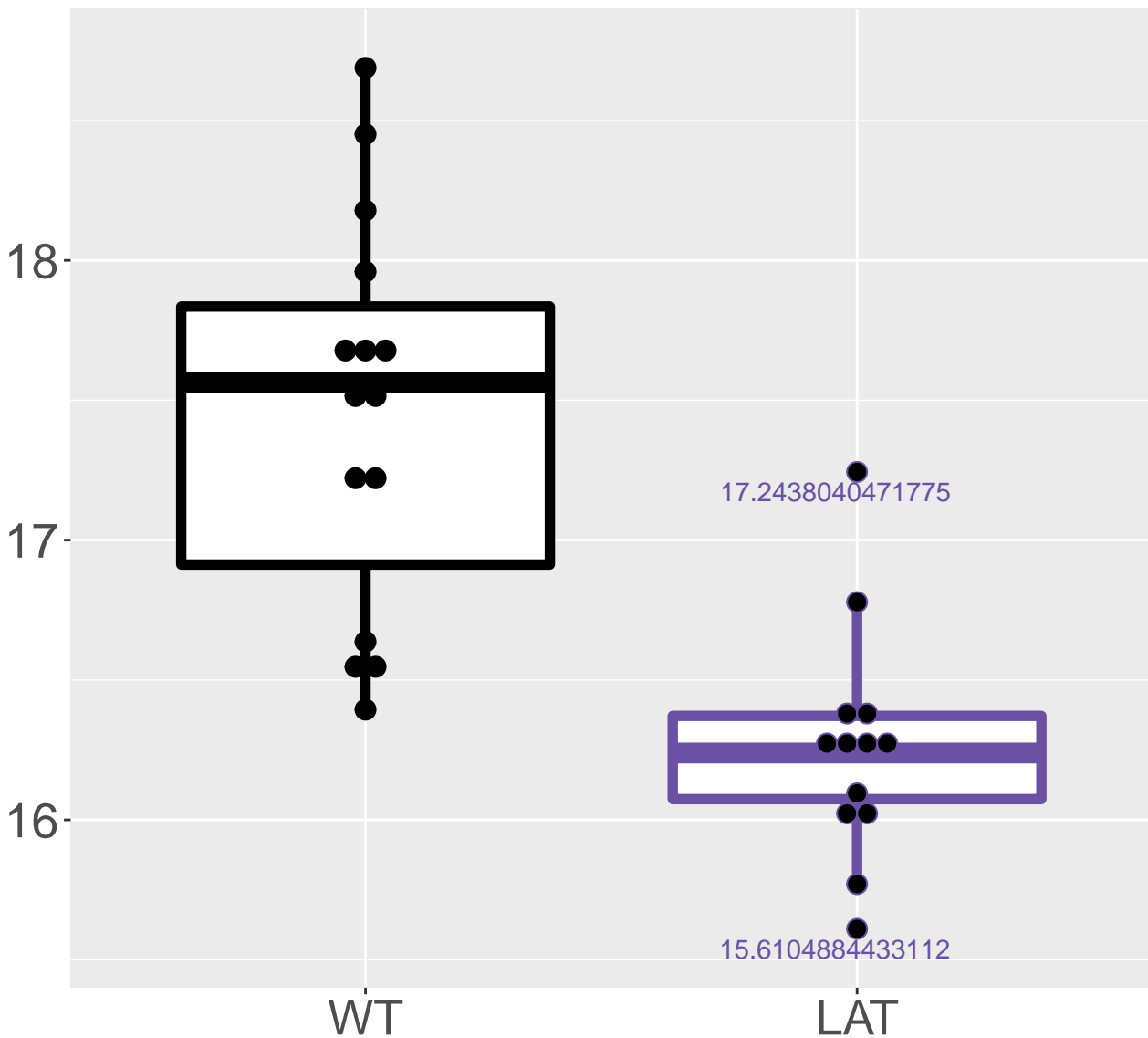
M583.4737T77.71

FDR = 0.00021, FC = -0.89



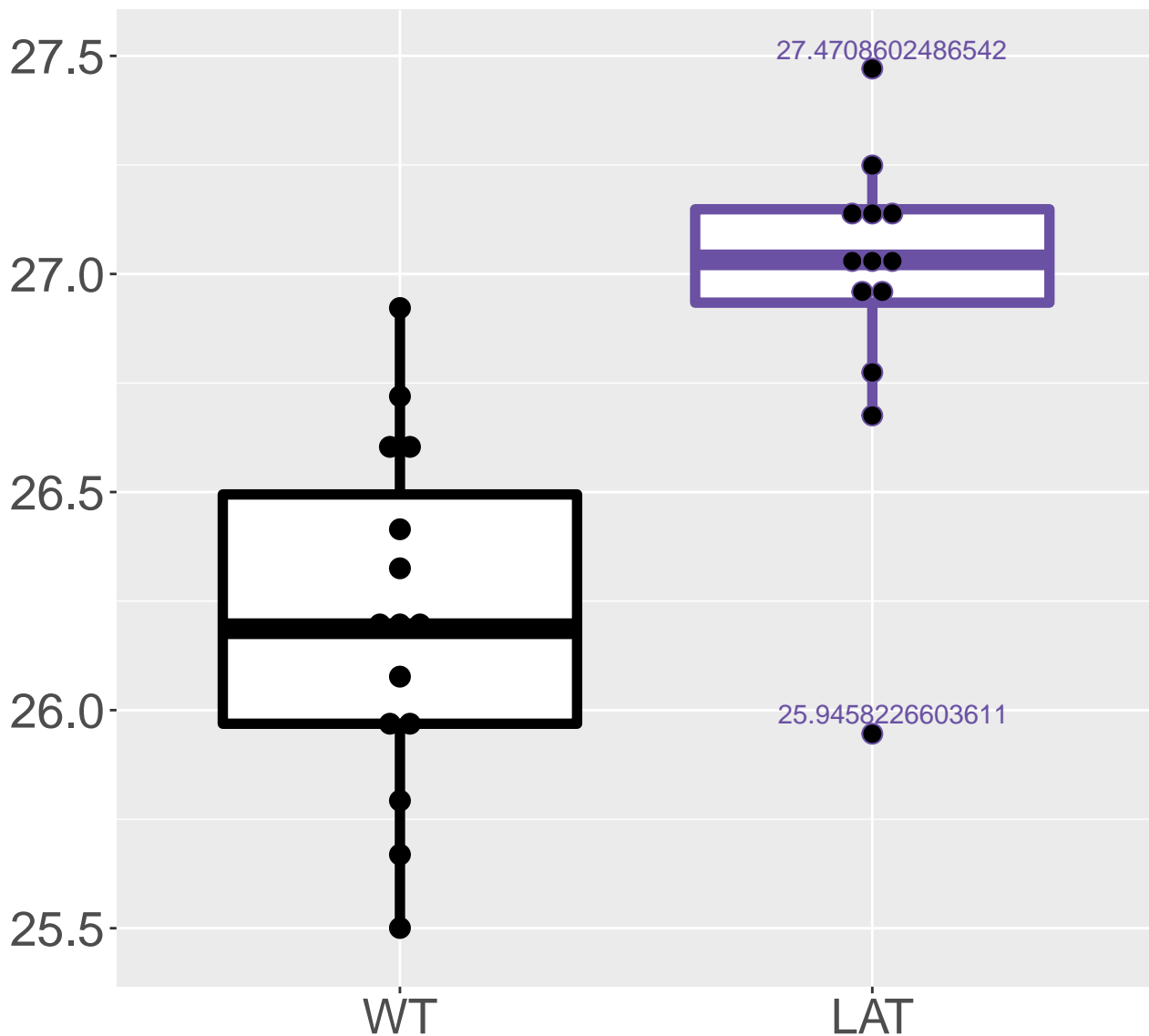
M444.1408T625.96_2

FDR = 0.00022, FC = -1.2



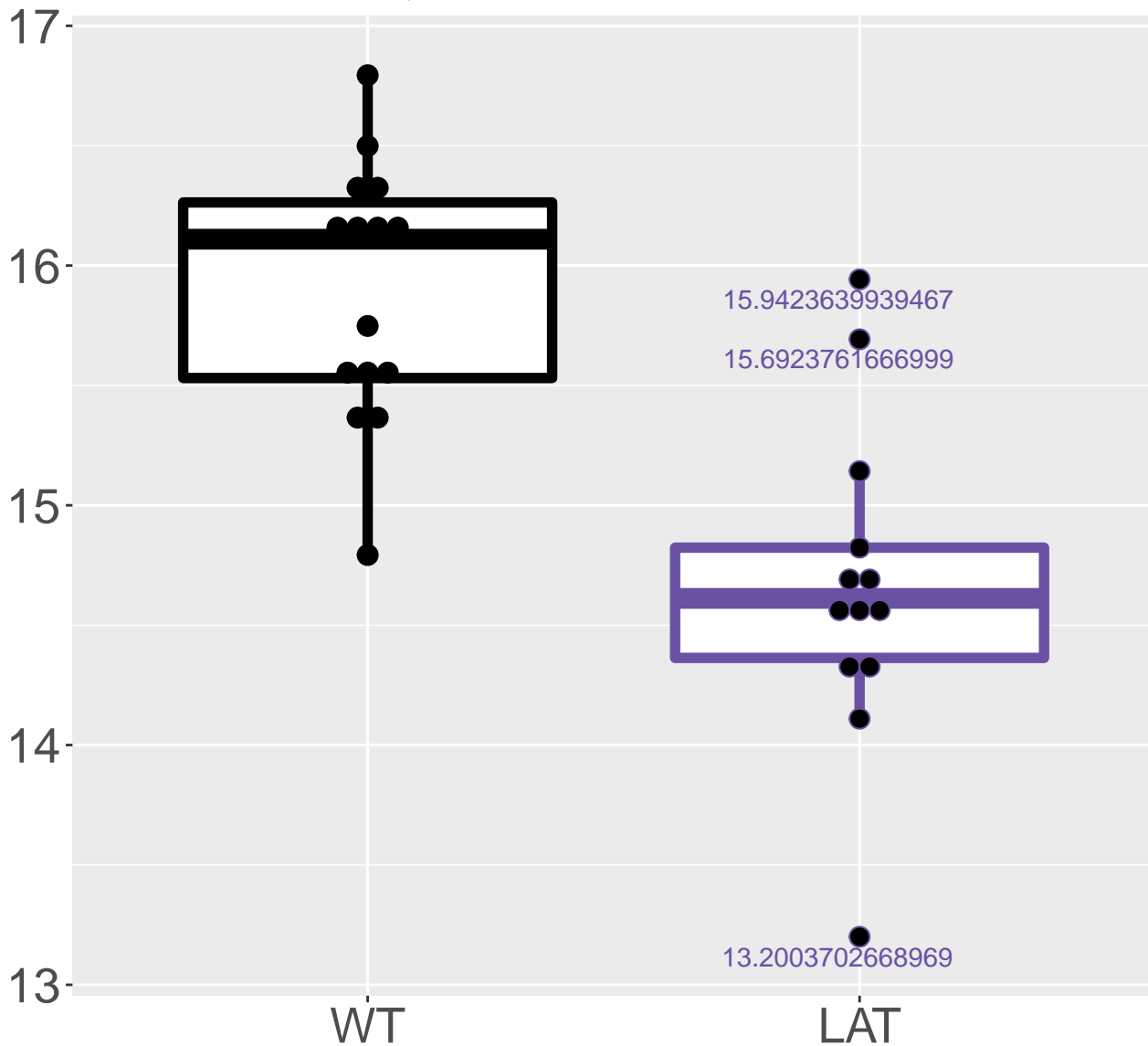
M267.0739T304.25

FDR = 0.00022, FC = 0.76



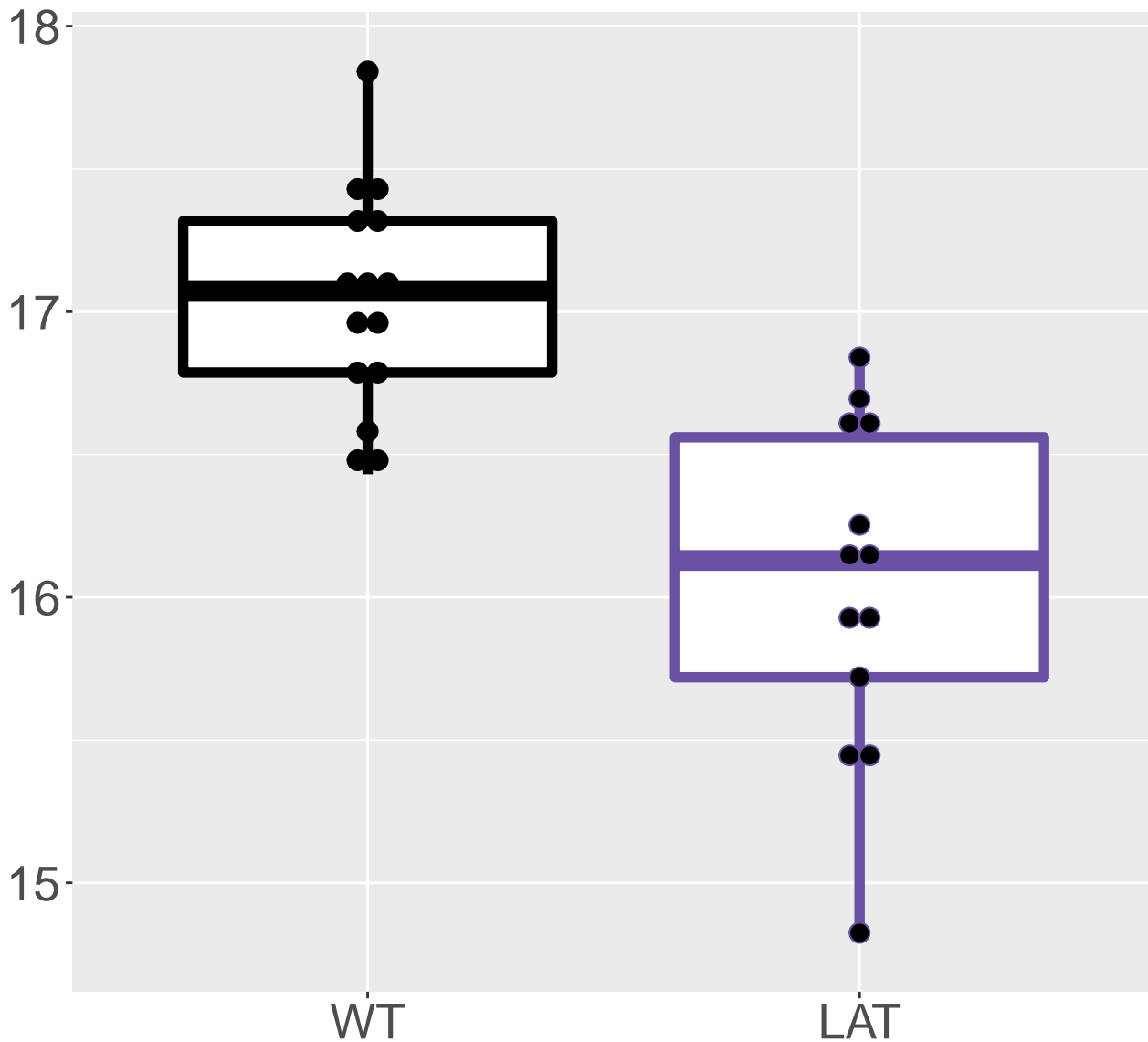
M365.4311T620.01_2

FDR = 0.00022, FC = -1.2

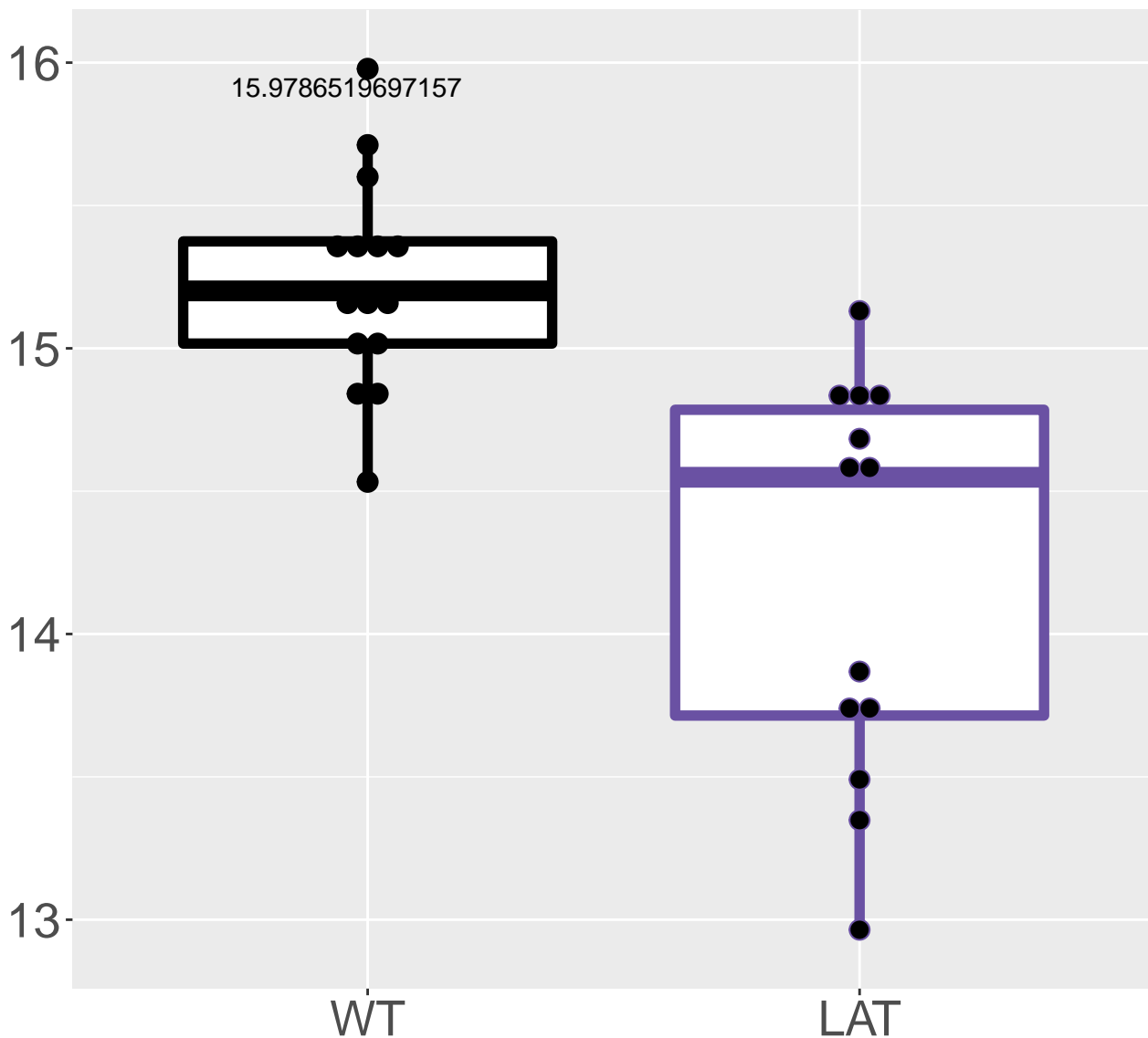


M798.5658T82.22

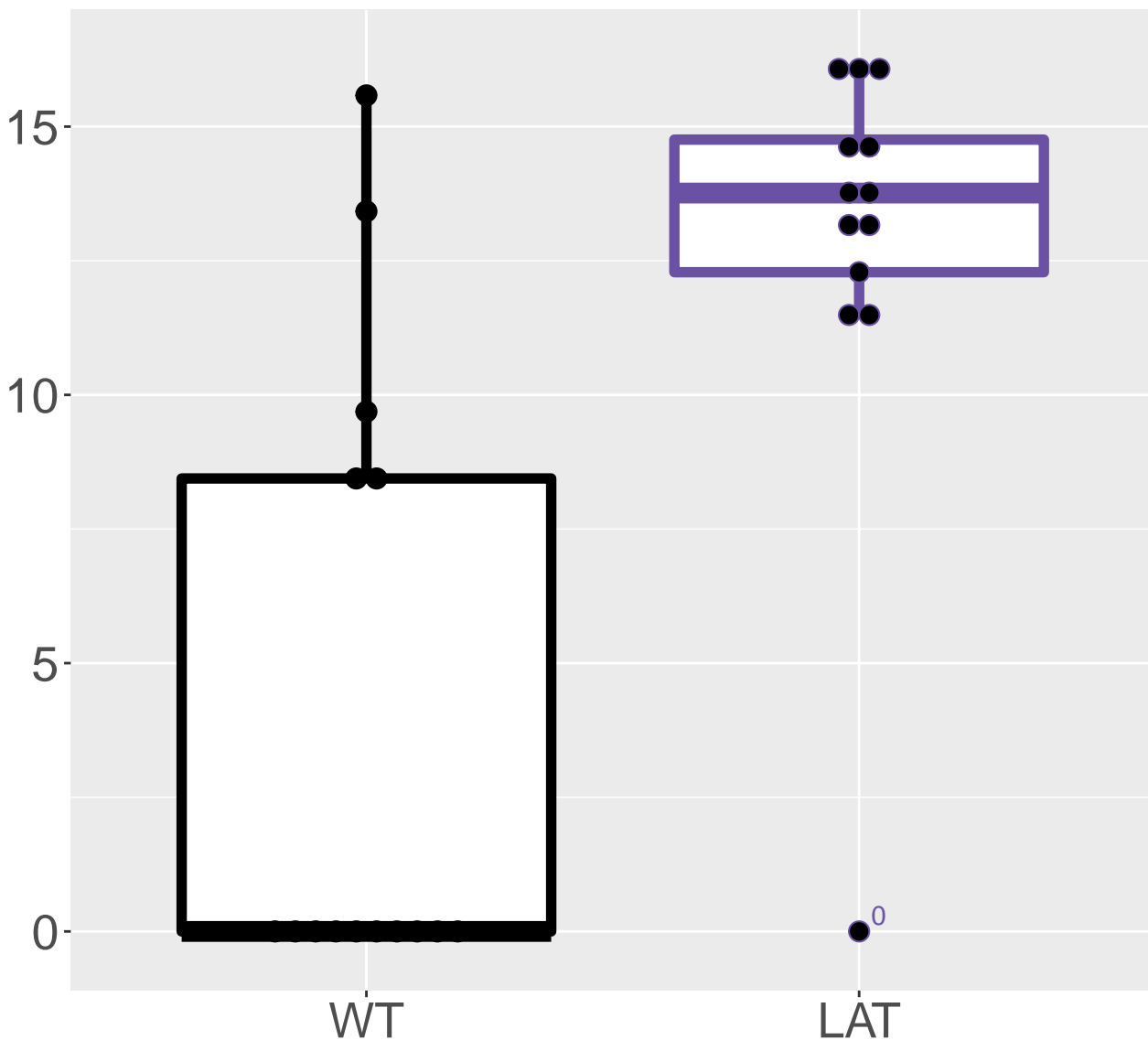
FDR = 0.00022, FC = -1



M153.0418T156.95
FDR = 0.00022, FC = -1

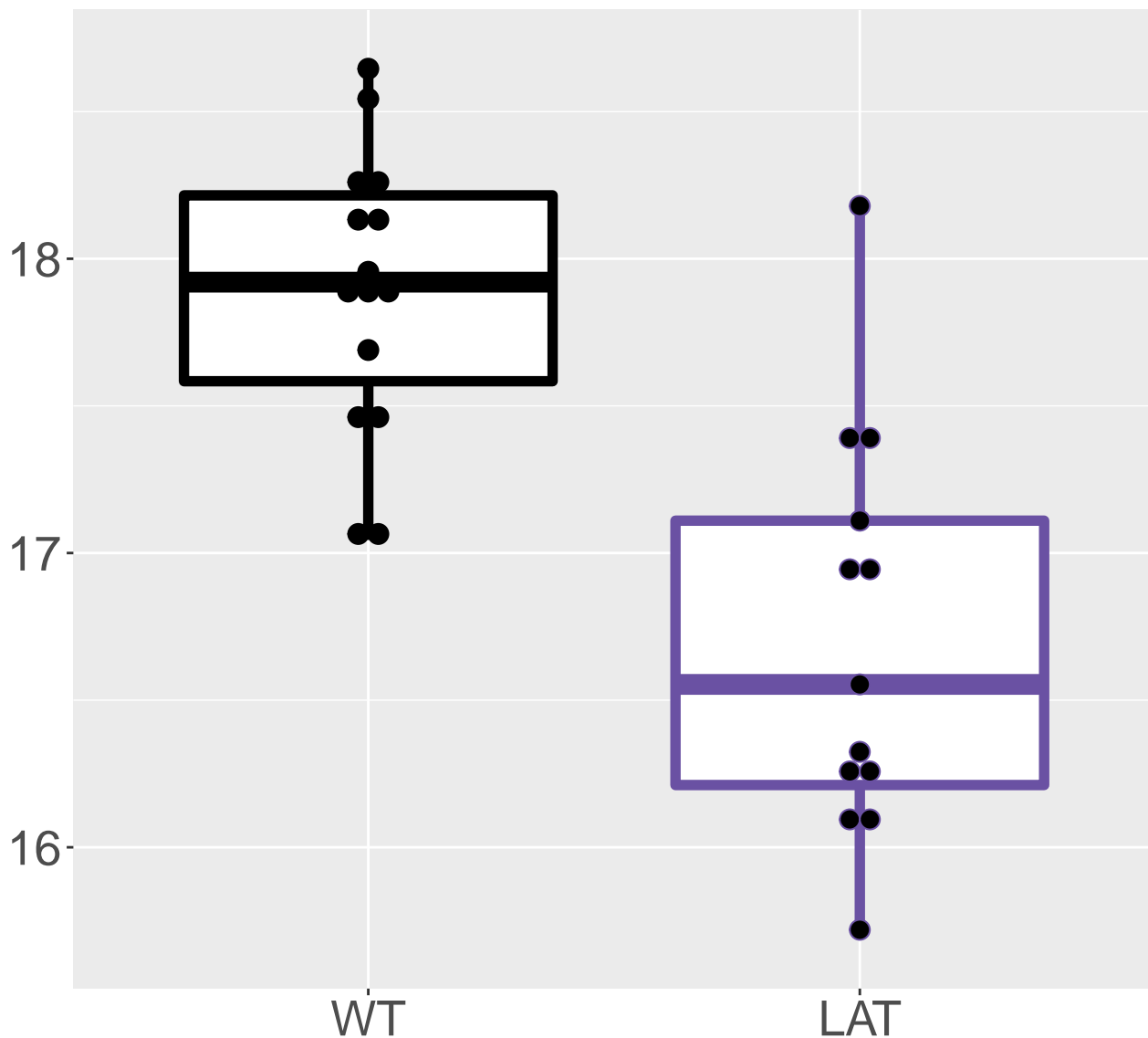


M242.0134T94.37
FDR = 0.00023, FC = 9.1



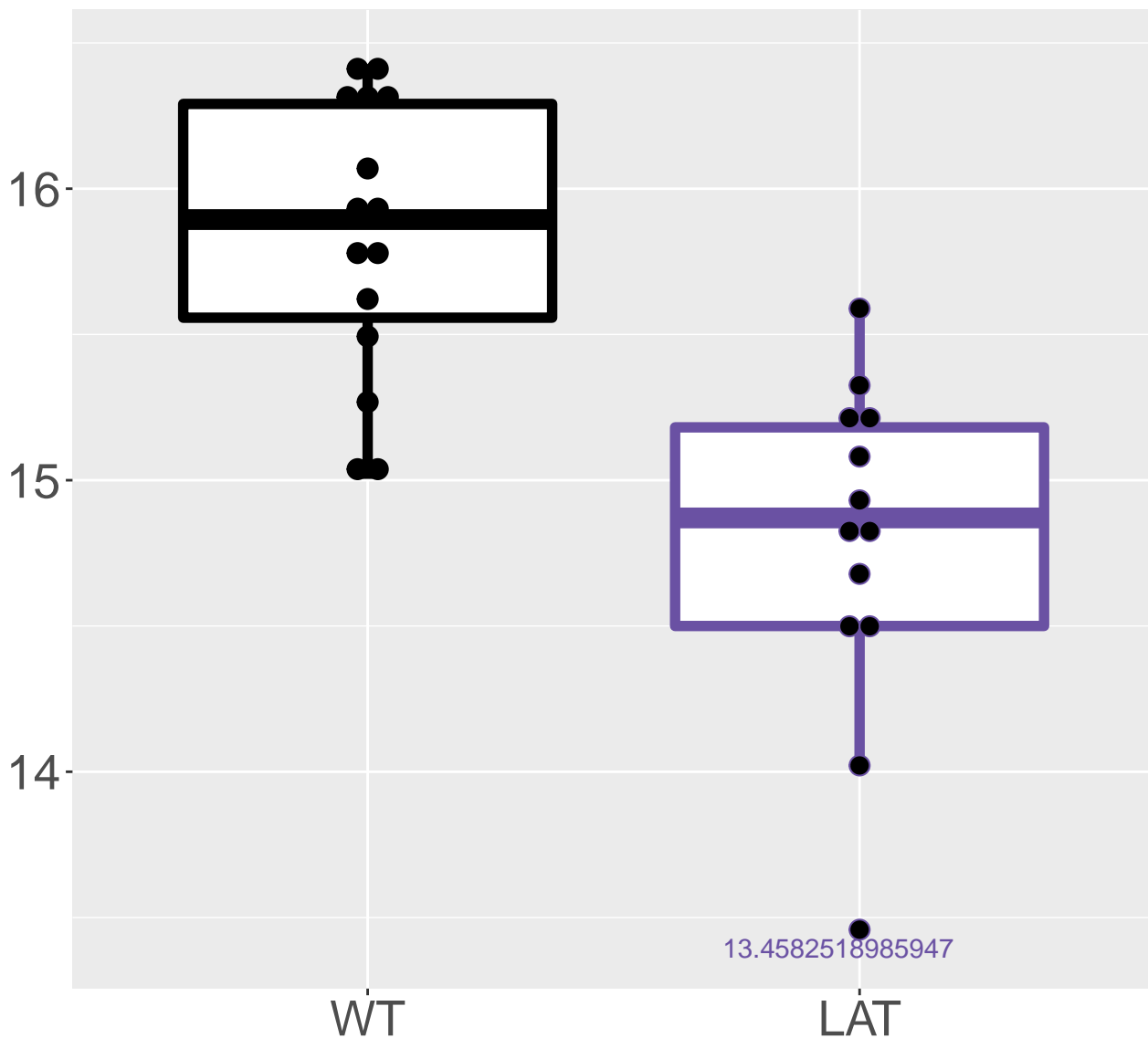
M890.264T594.5

FDR = 0.00023, FC = -1.2



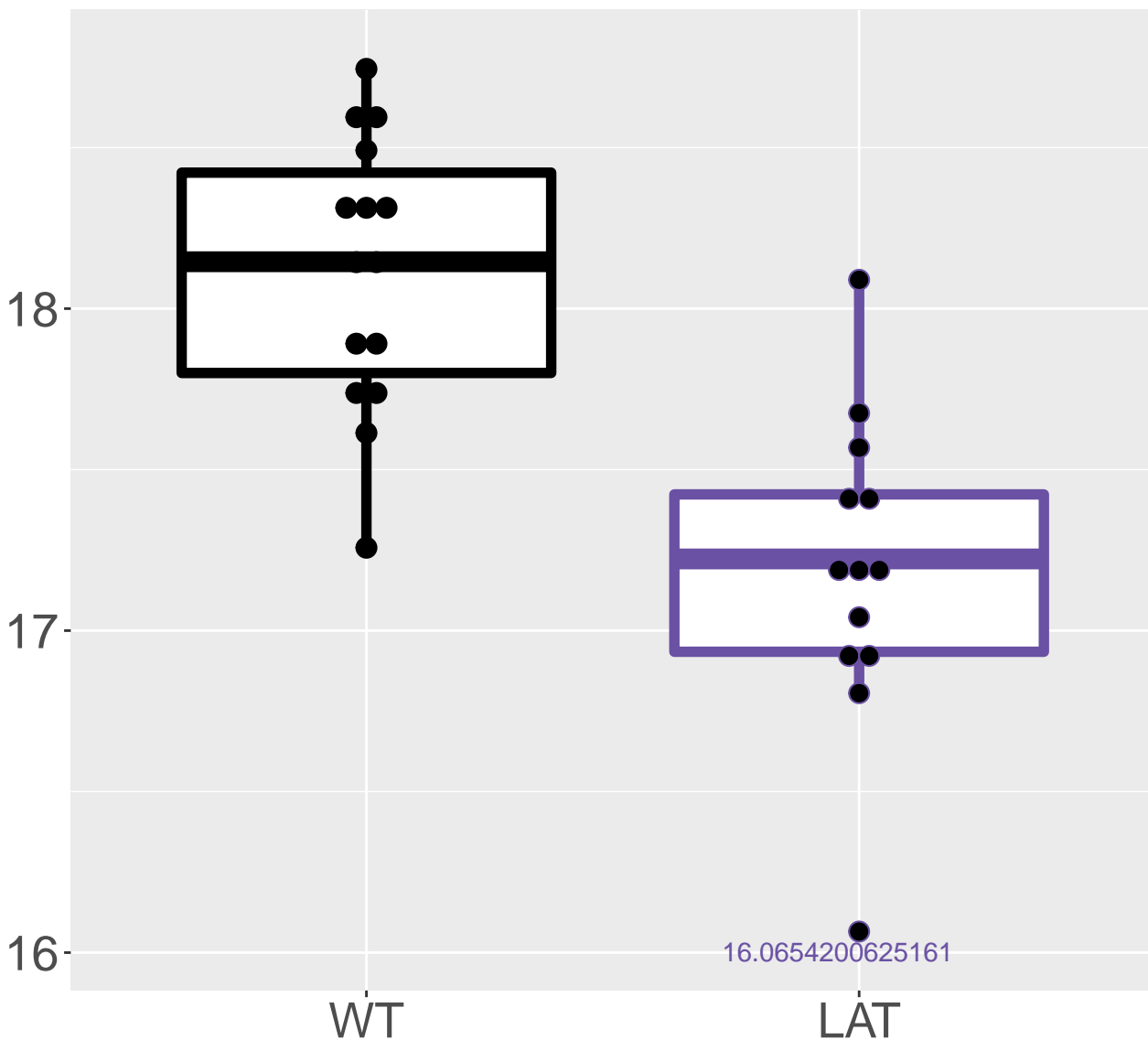
M699.214T509.57

FDR = 0.00023, FC = -1.1

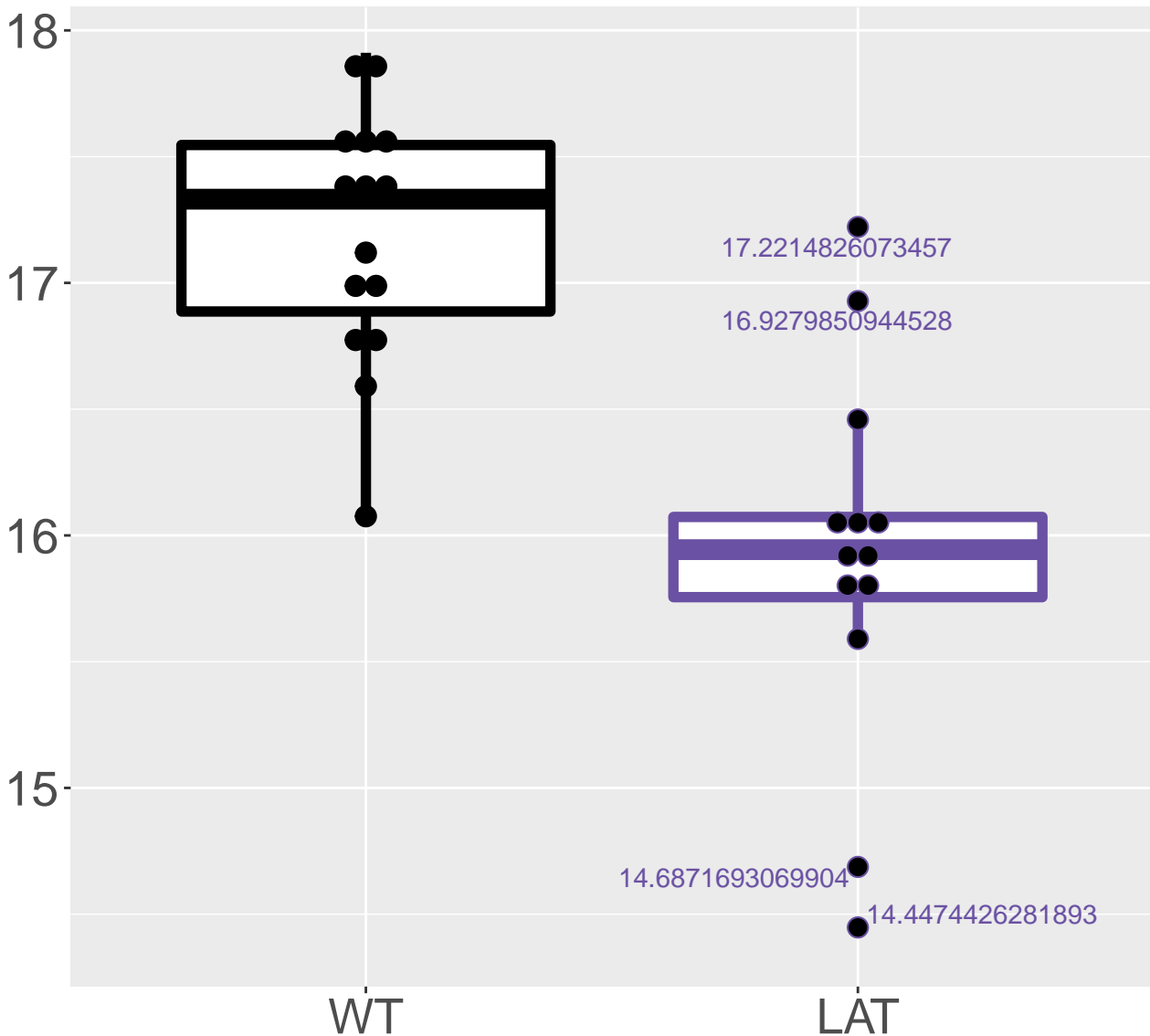


M548.1489T619.94

FDR = 0.00023, FC = -0.93

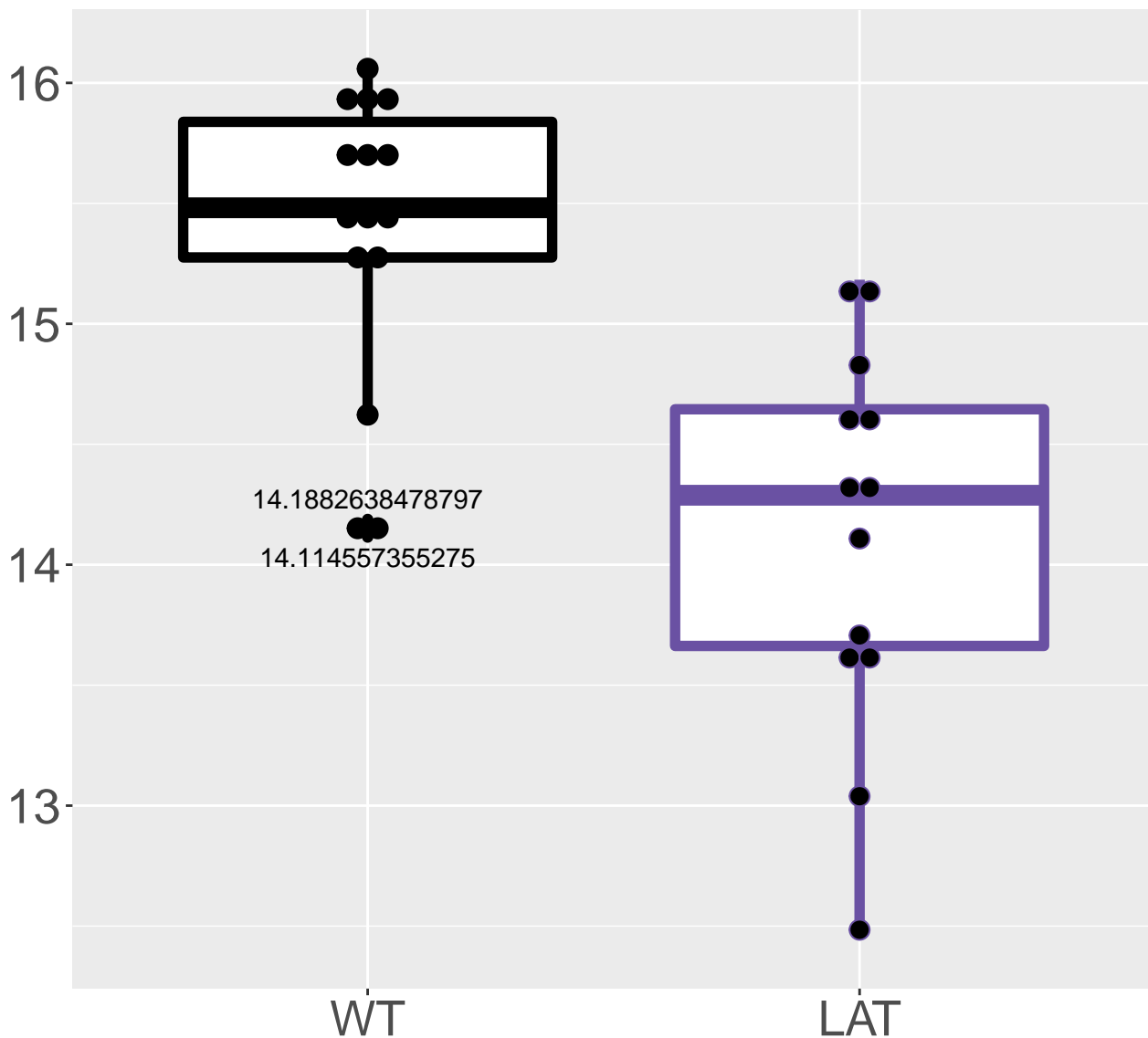


M365.0968T619.97_1
FDR = 0.00023, FC = -1.3



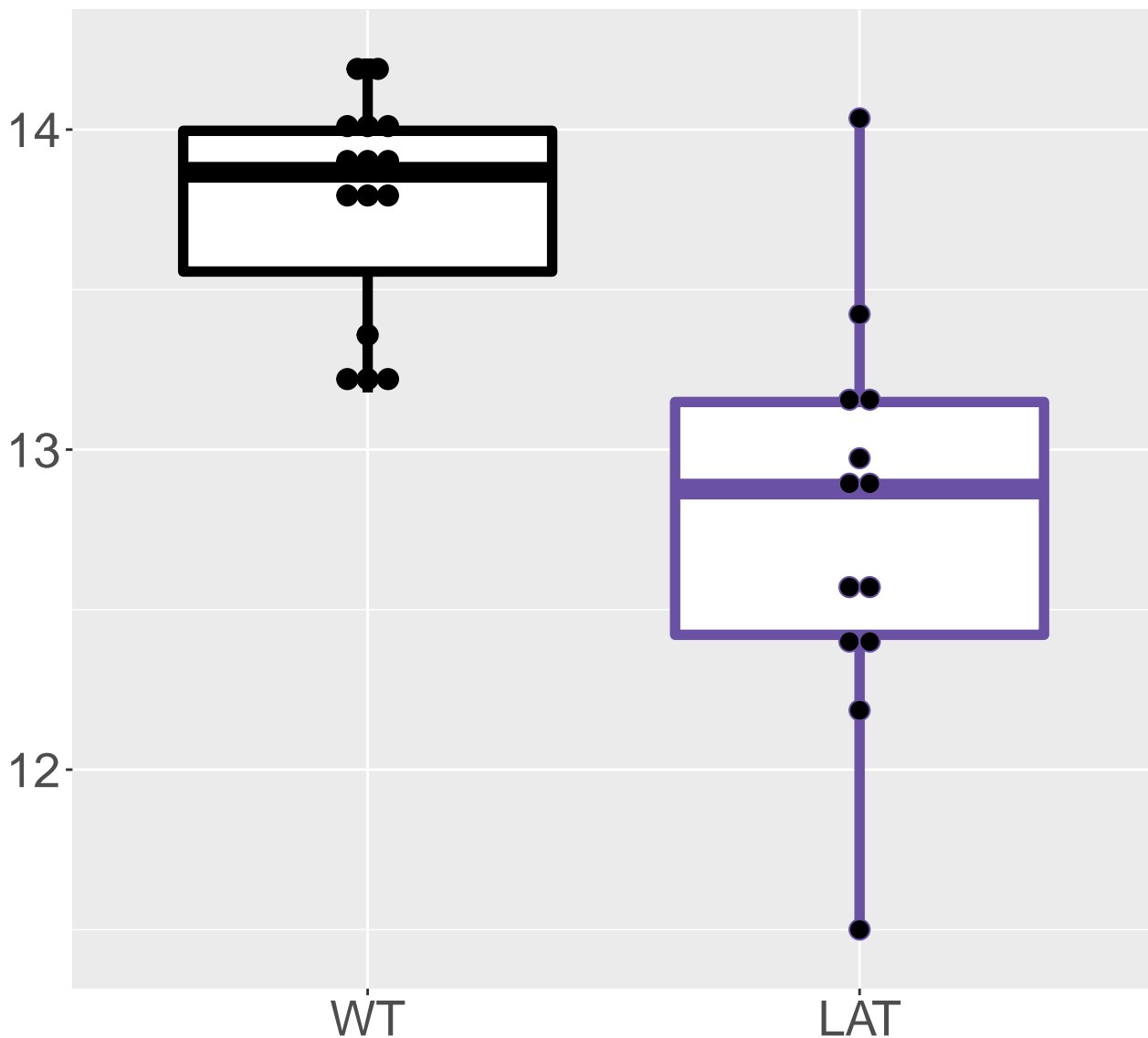
M424.1576T325.01

FDR = 0.00023, FC = -1.3, sex*



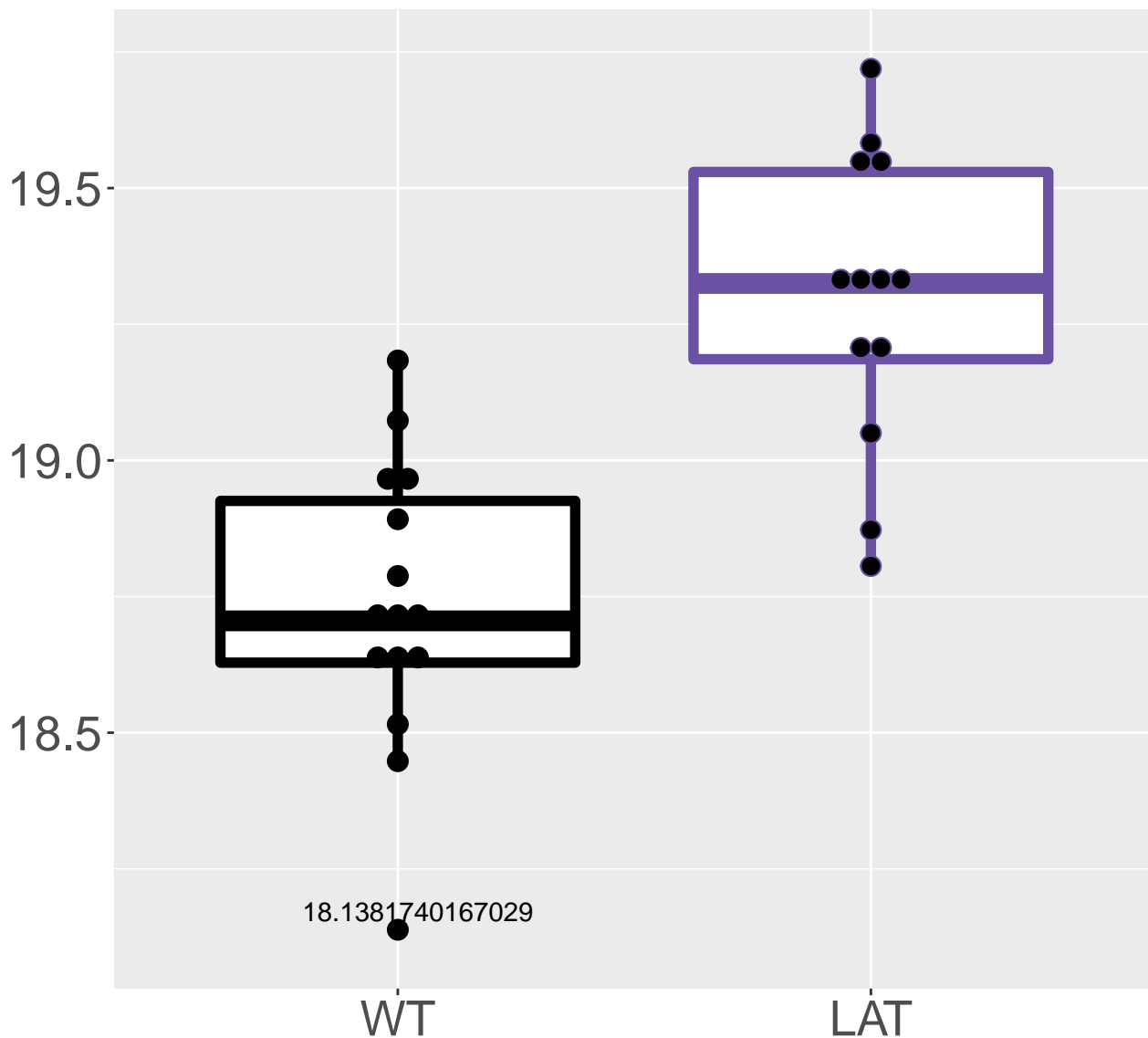
M188.0063T374.18

FDR = 0.00024, FC = -0.99



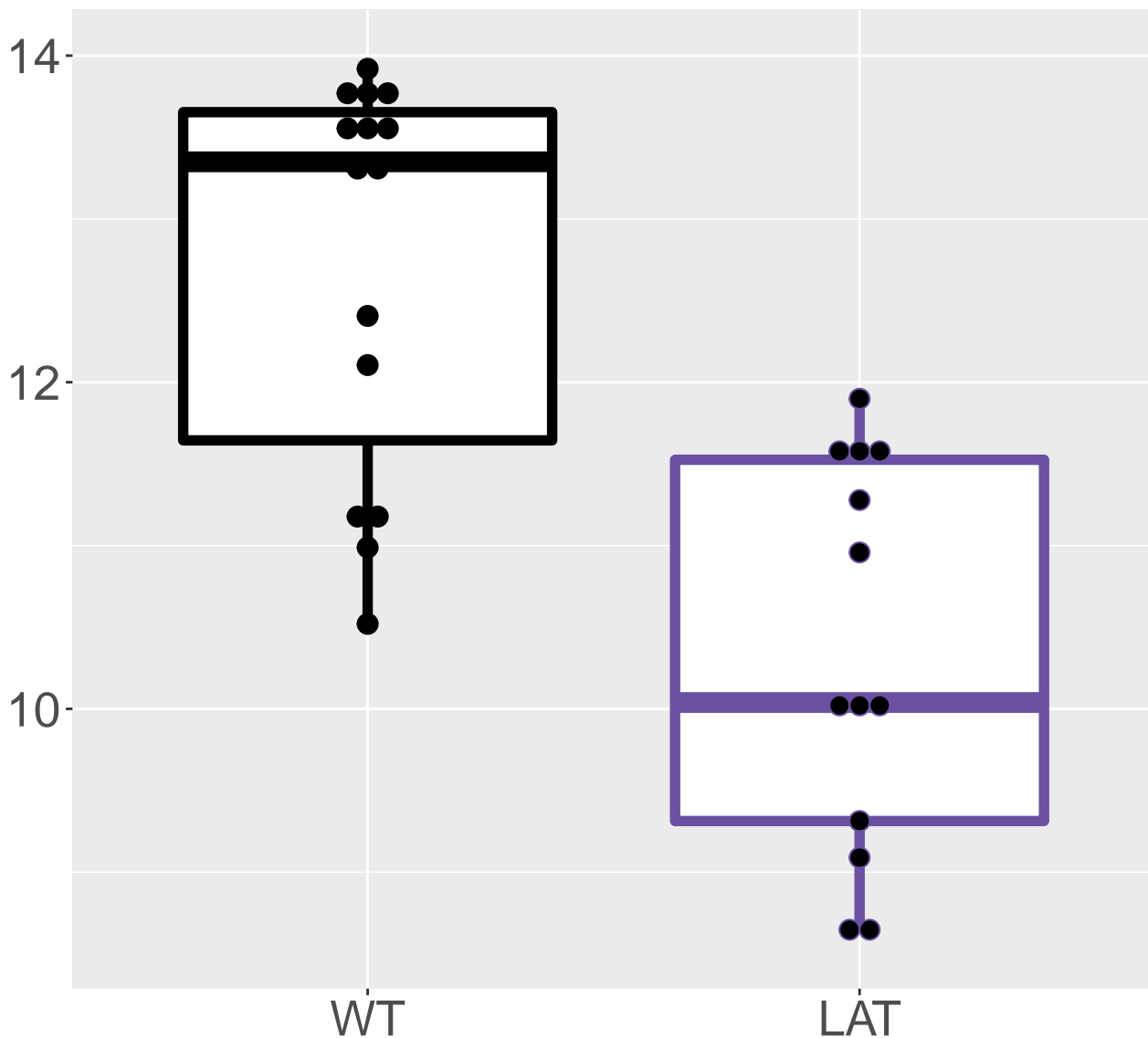
M275.089T585.22

FDR = 0.00024, FC = 0.56

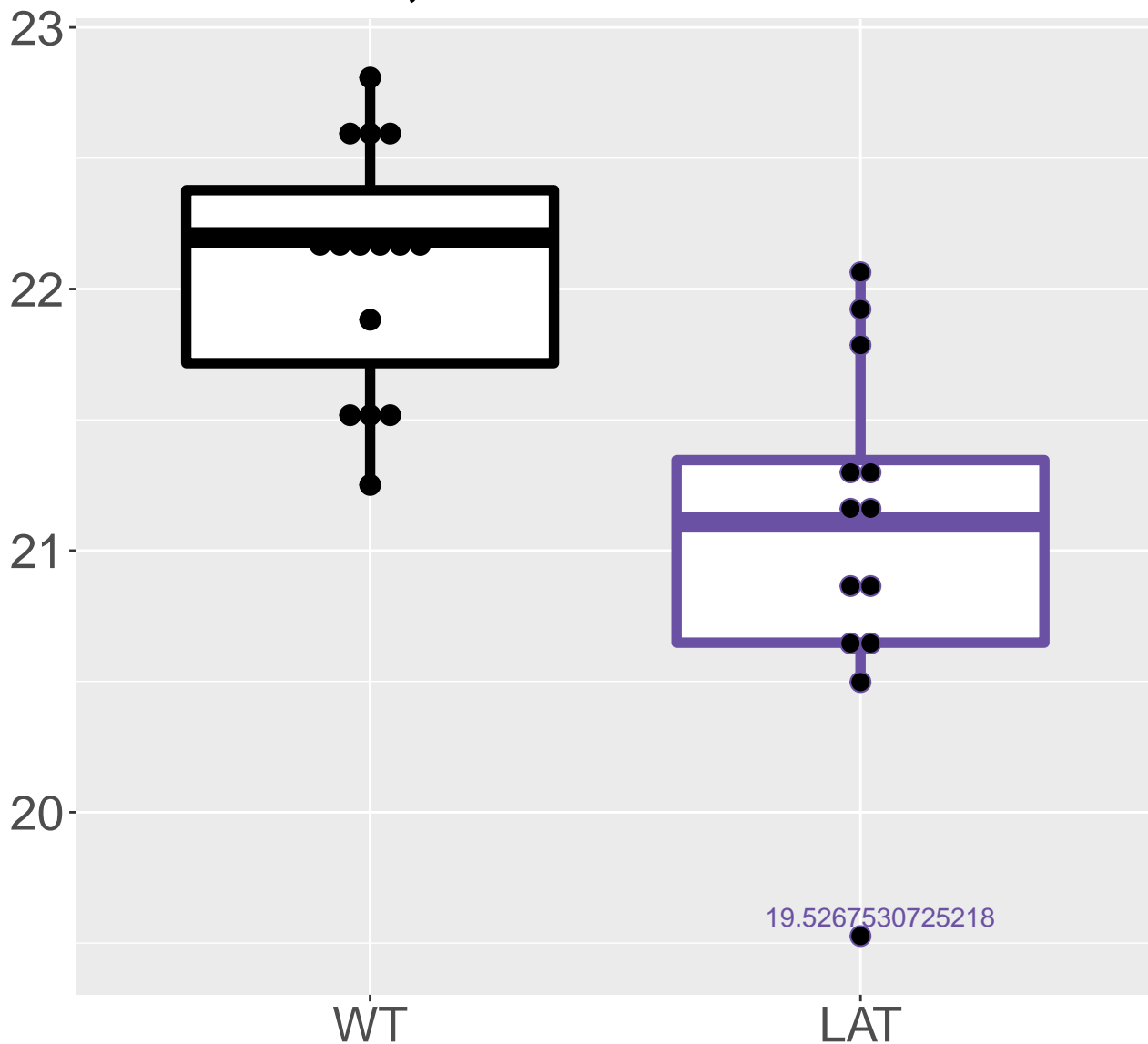


M149.001T105.36

FDR = 0.00025, FC = -2.4

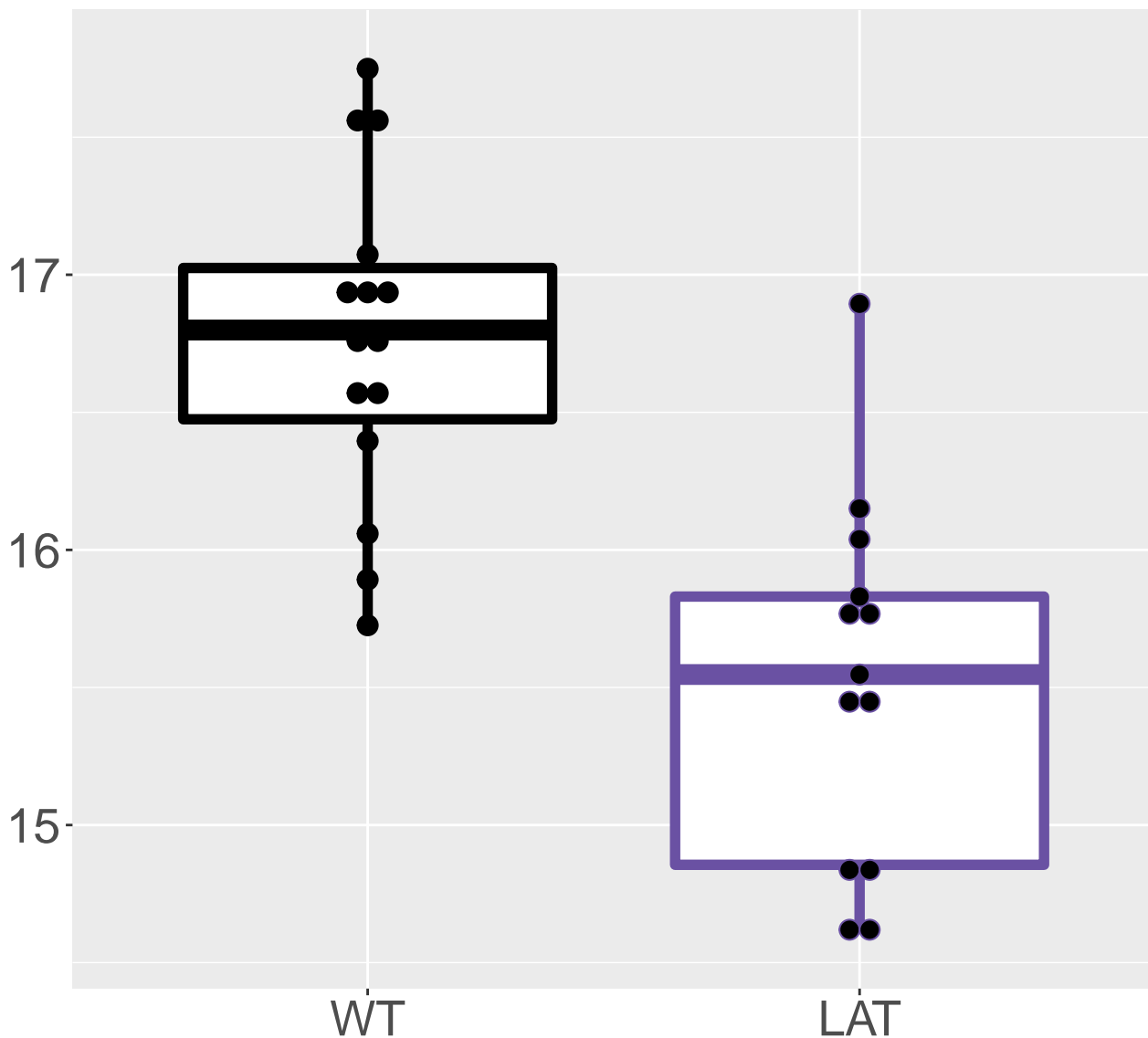


4-Pyridoxic acid
FDR = 0.00025, FC = -1



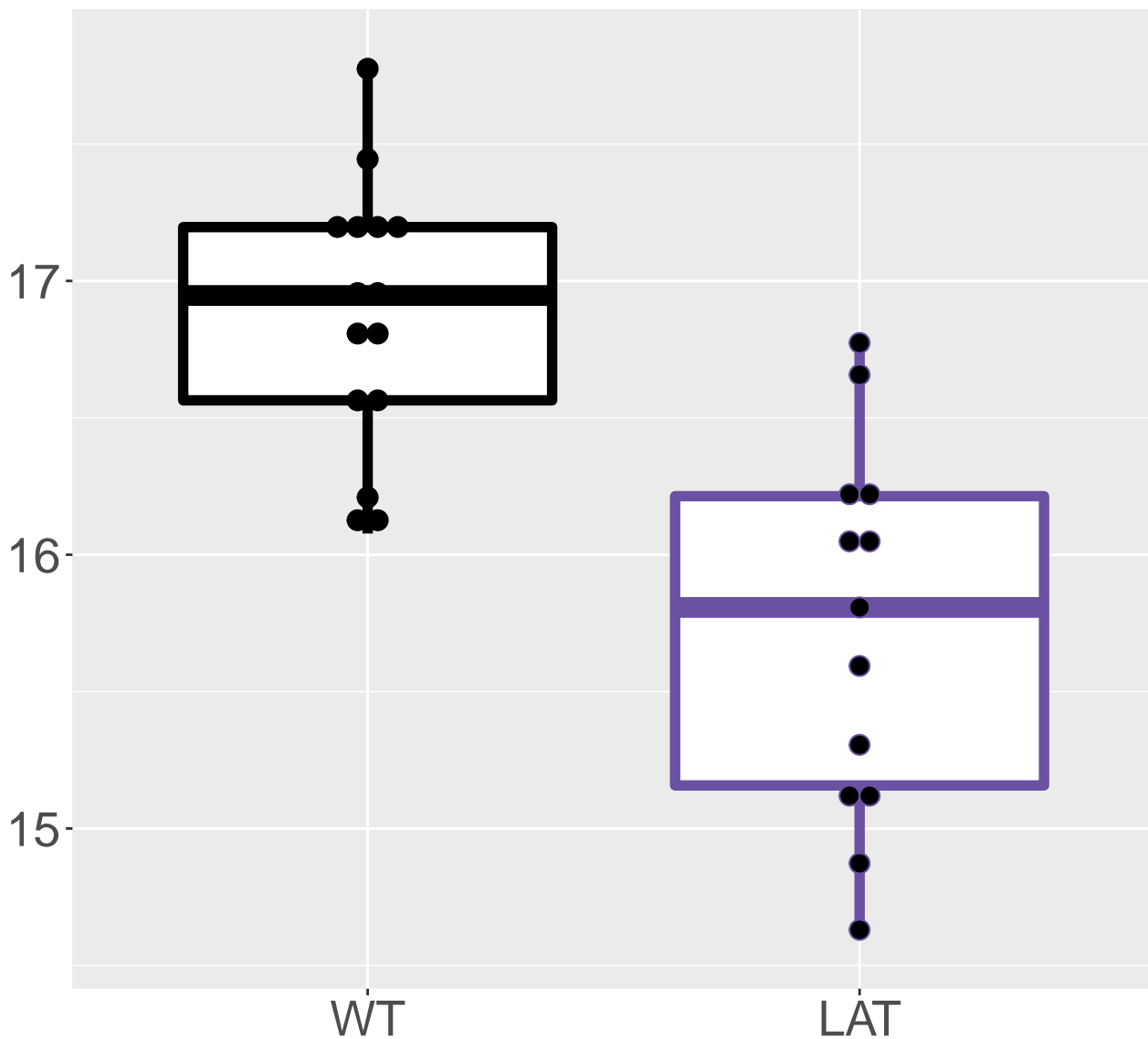
M736.2525T560.3

FDR = 0.00025, FC = -1.2



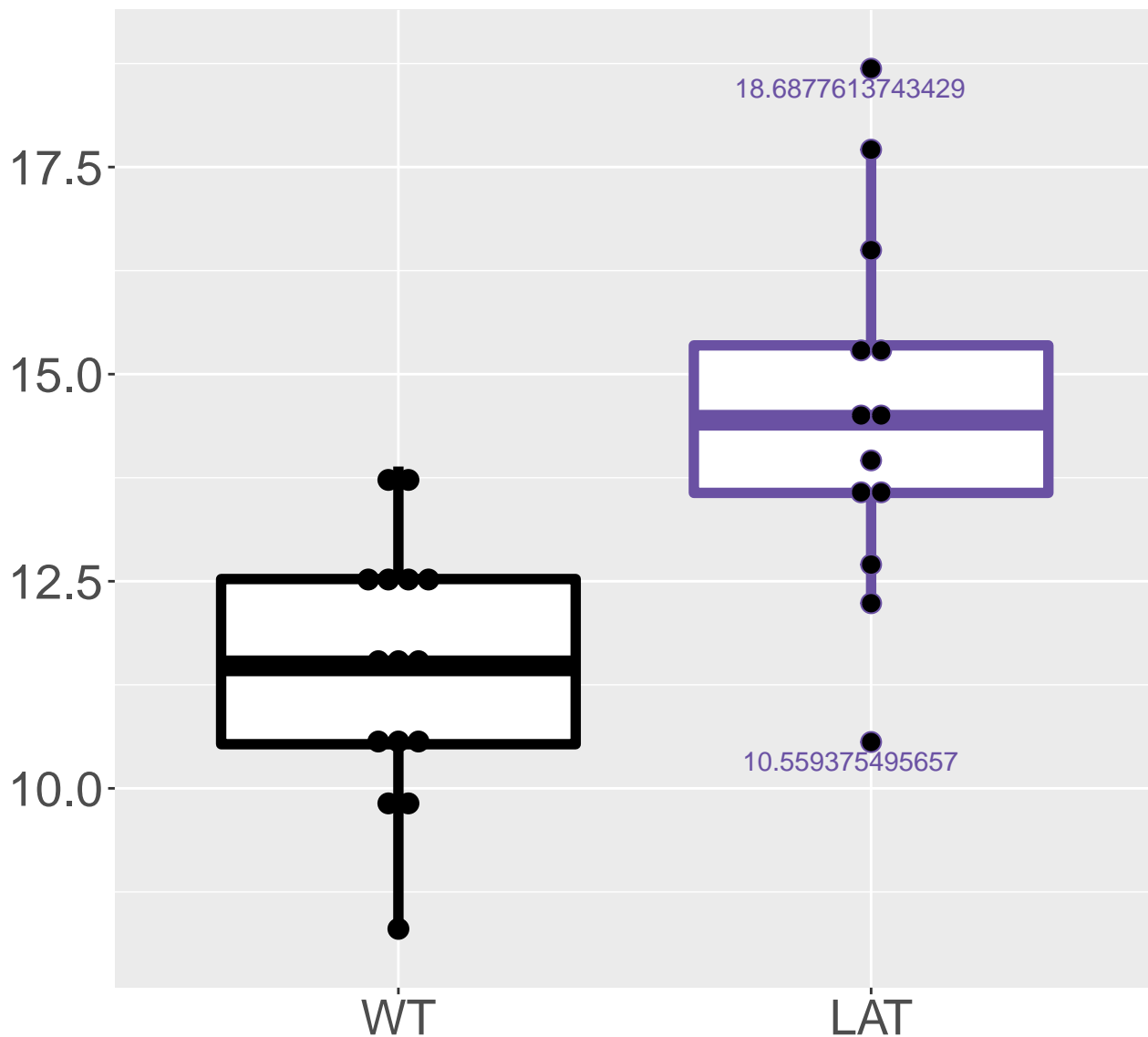
M591.1795T514.65

FDR = 0.00025, FC = -1.2



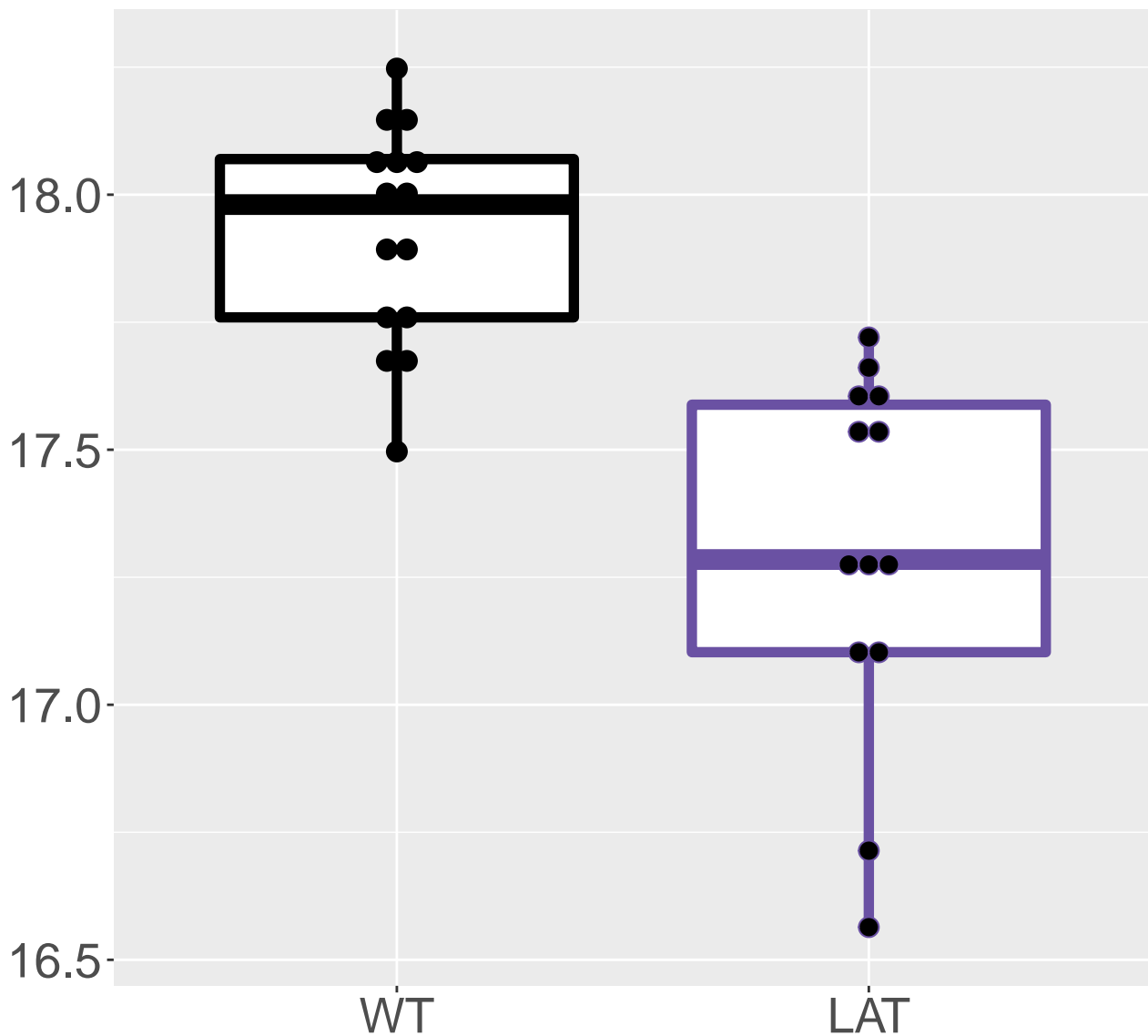
M318.5123T614.09

FDR = 0.00026, FC = 3.1, sex*



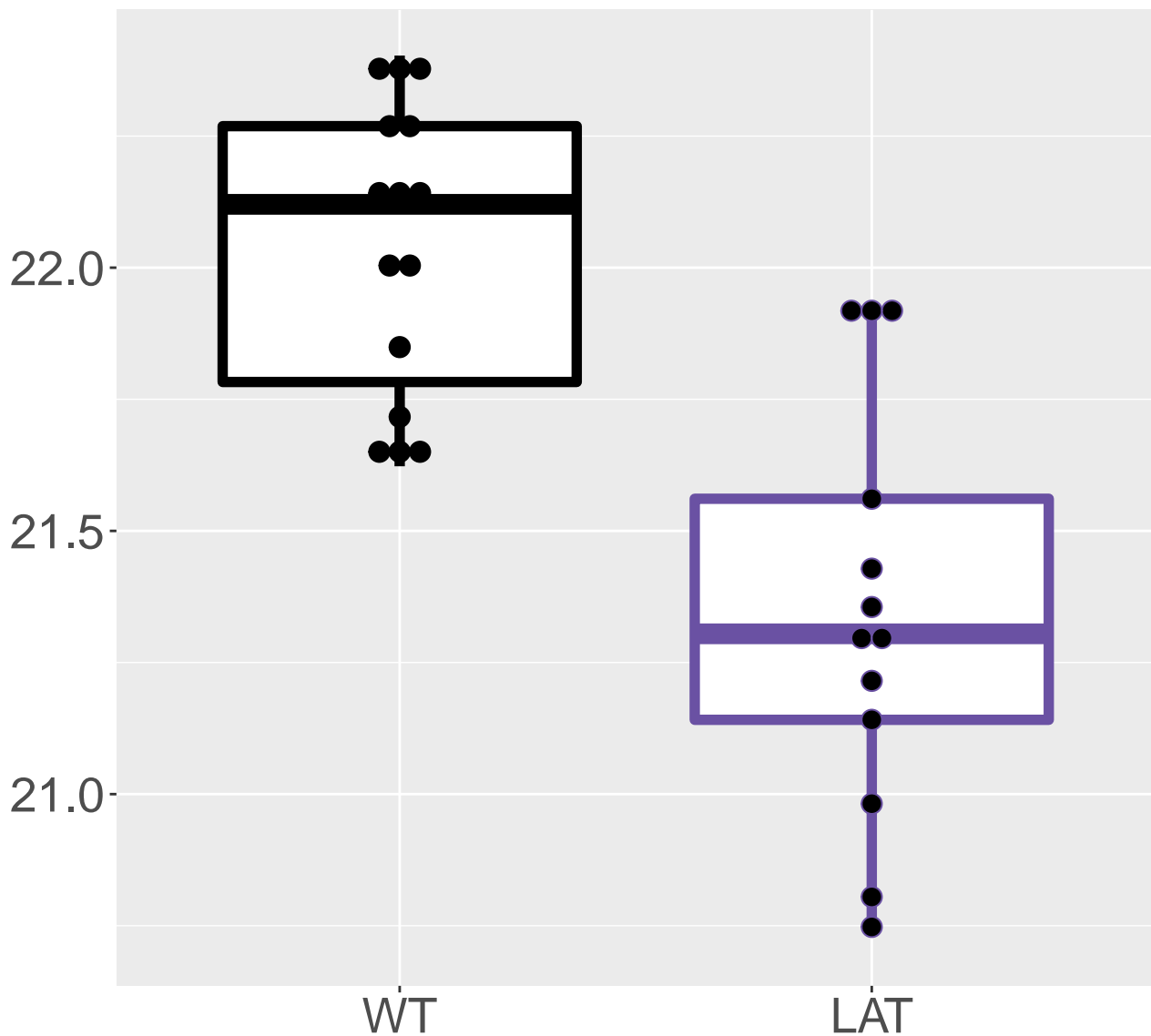
M147.0453T174.31

FDR = 0.00026, FC = -0.62



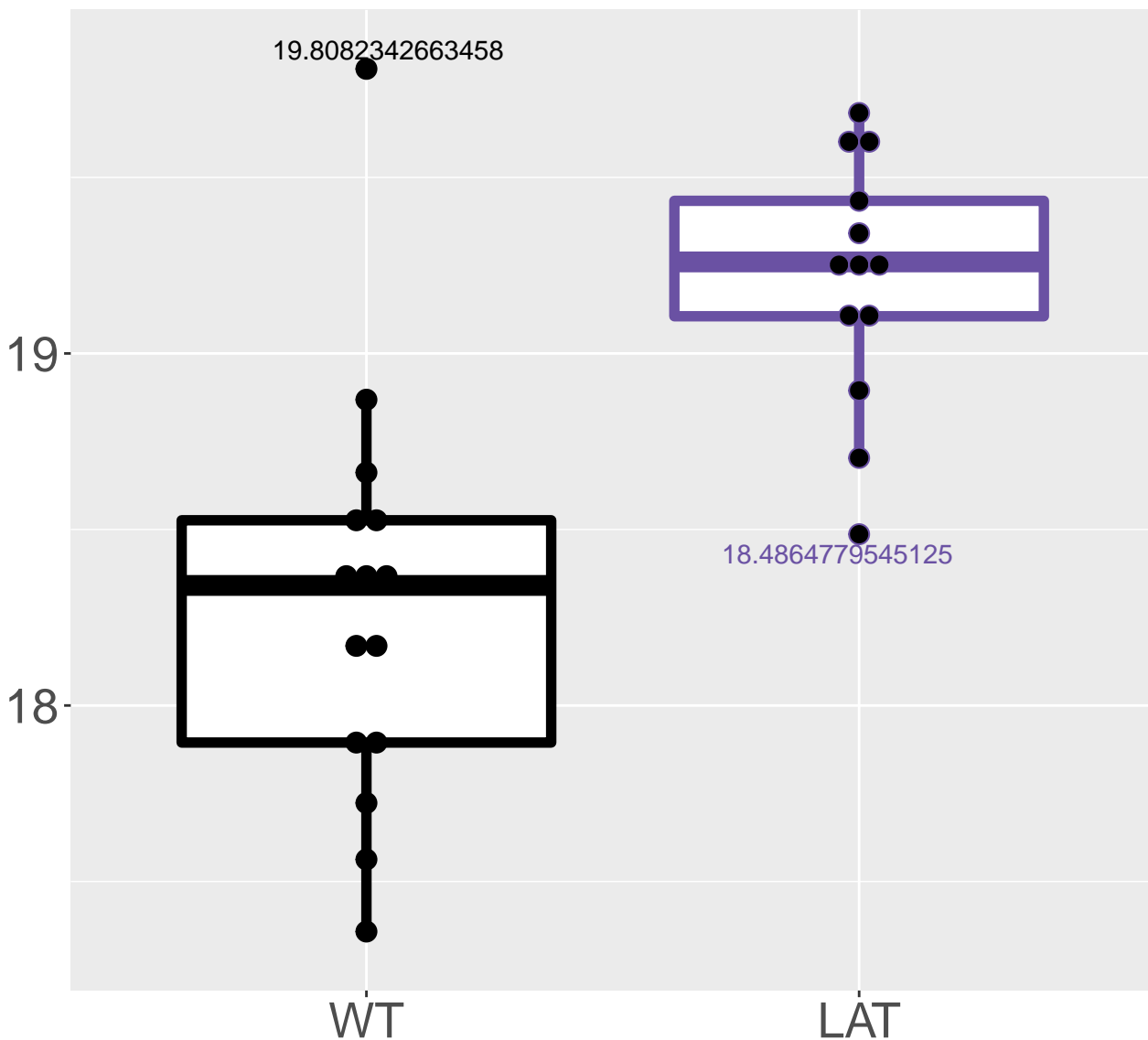
M263.0776T537.22

FDR = 0.00027, FC = -0.69



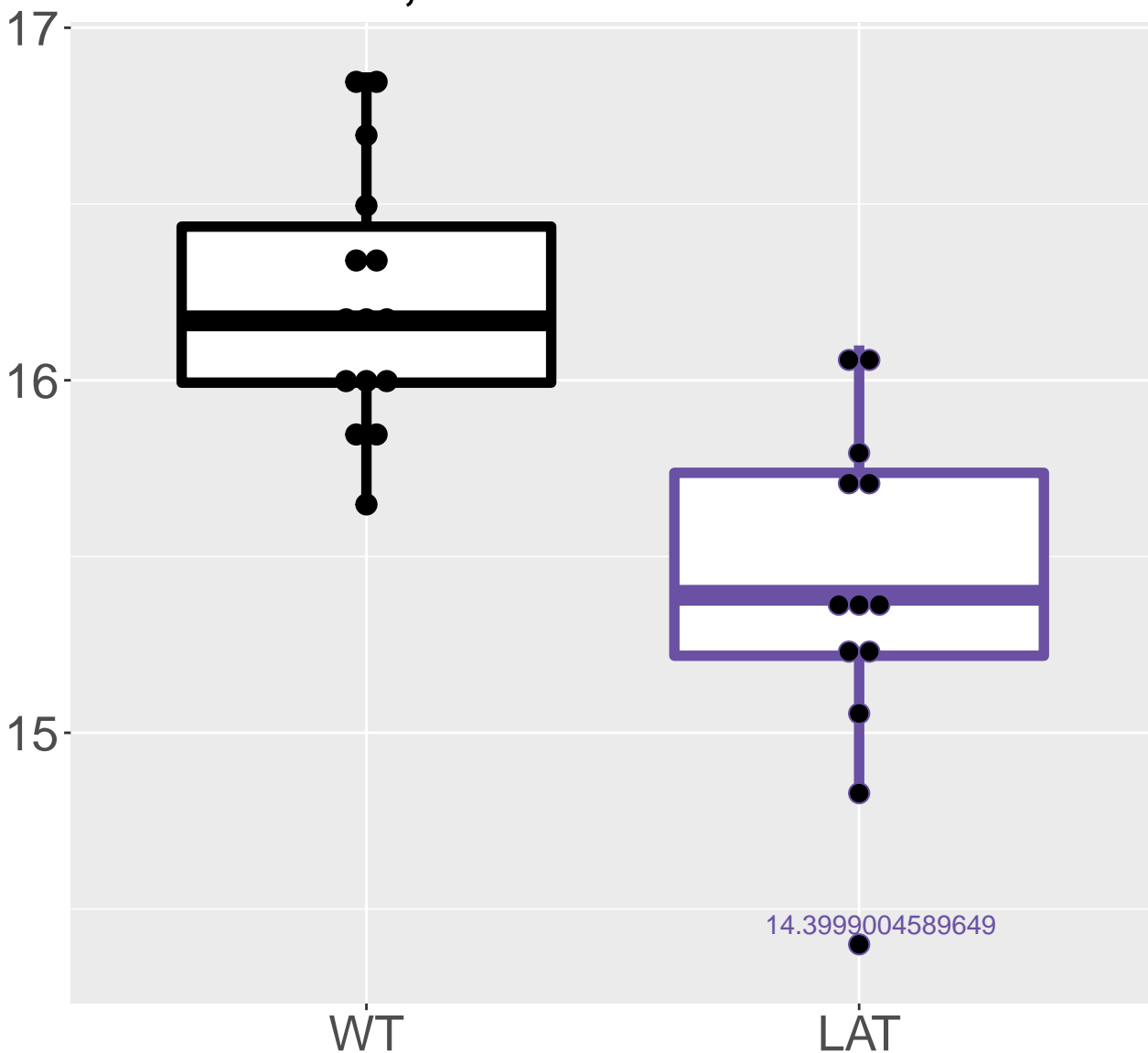
M419.1076T340.6

FDR = 0.00028, FC = 0.93



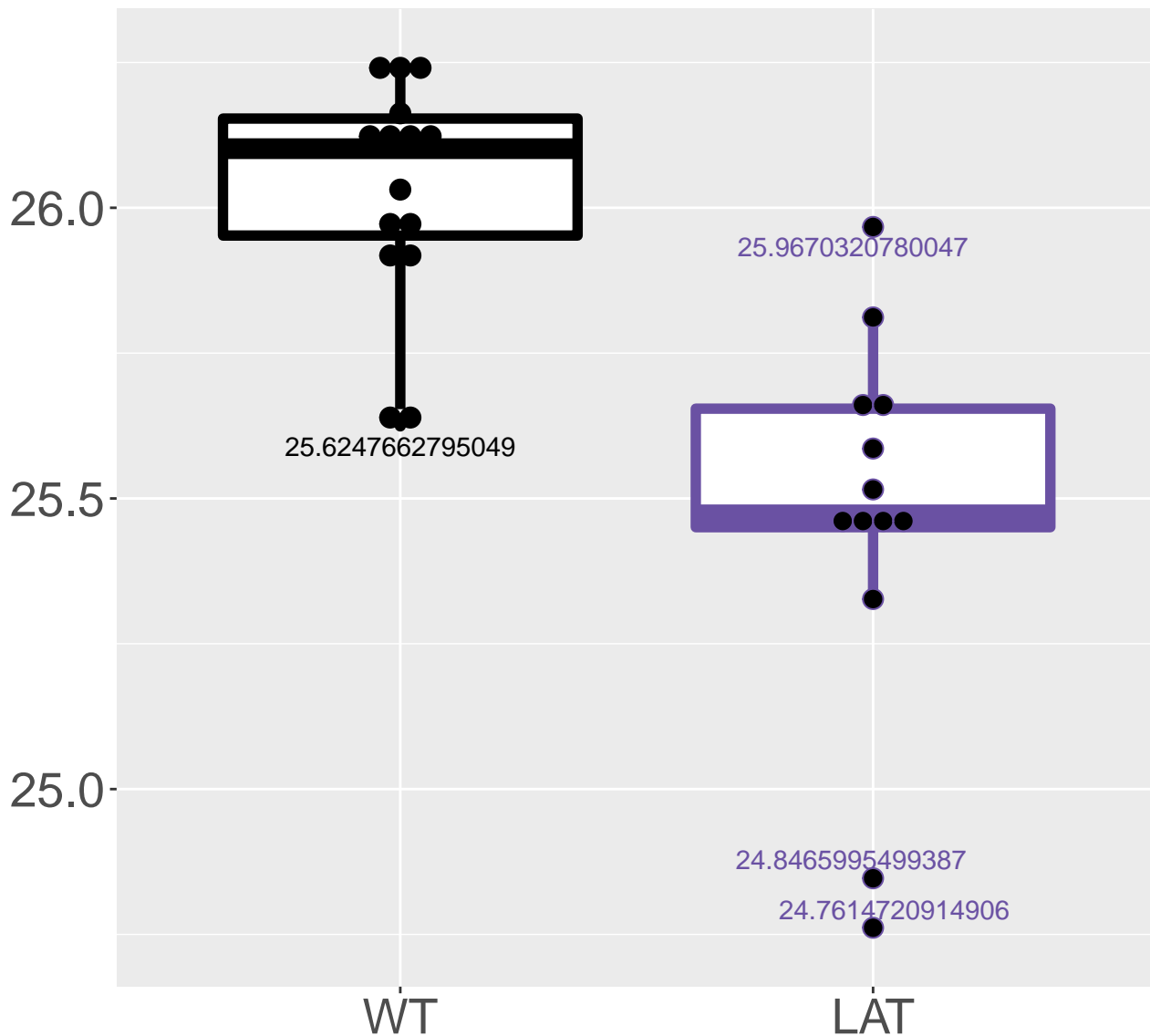
M322.0777T175.71

FDR = 0.00028, FC = -0.83



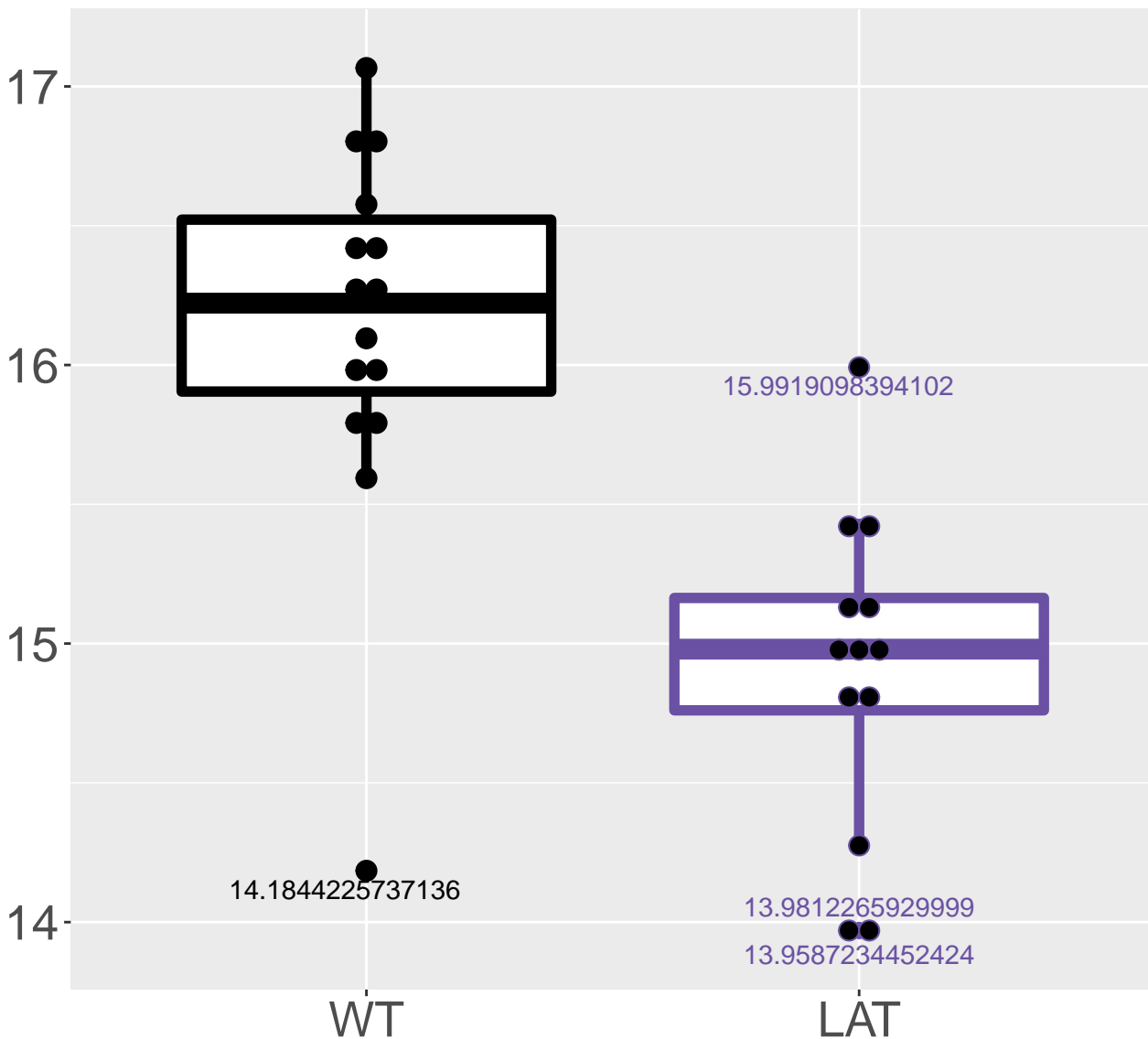
L-Phenylalanine; Phenylalanine

FDR = 0.00028, FC = -0.57



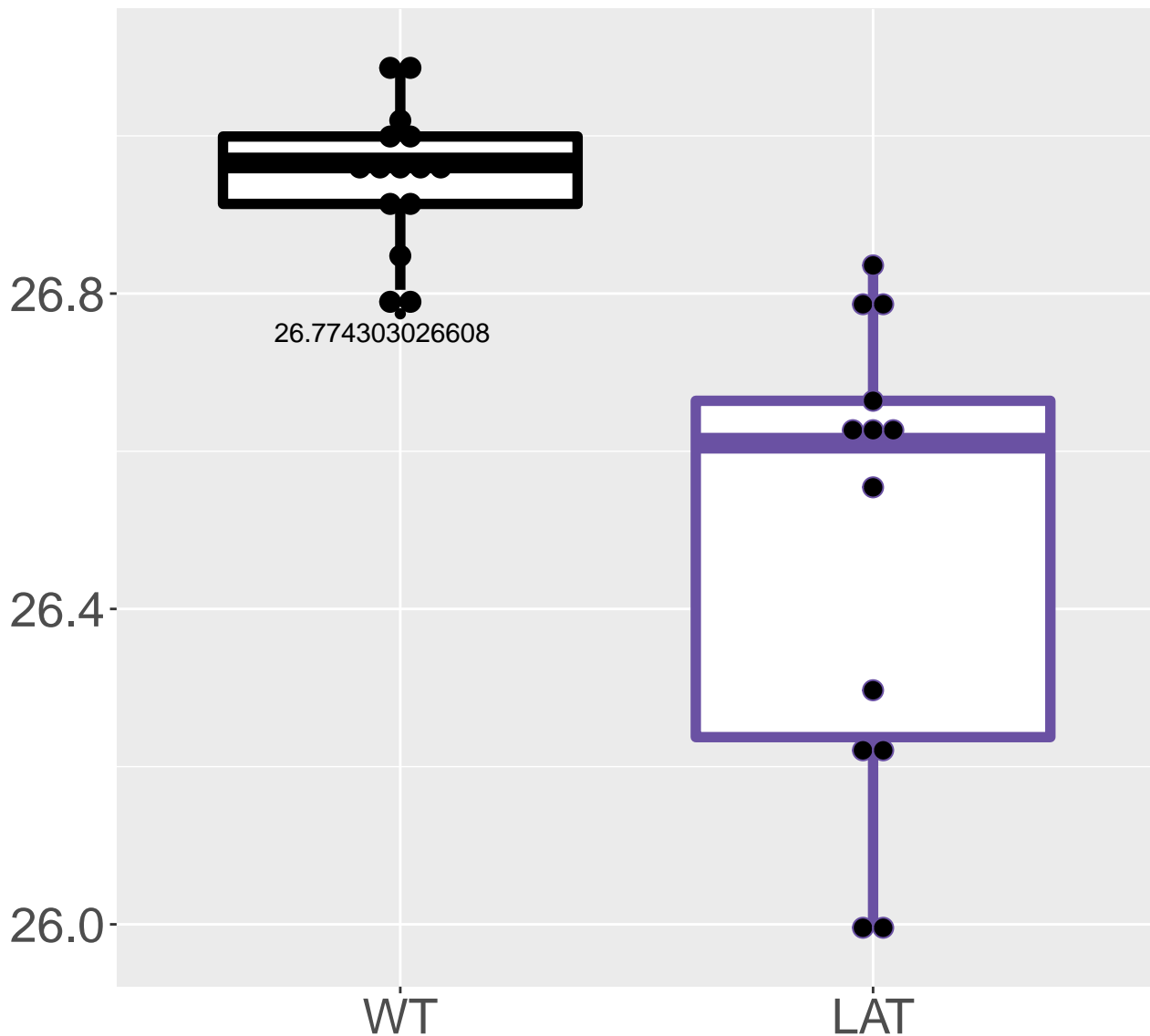
M106.0396T480.79

FDR = 0.00029, FC = -1.2



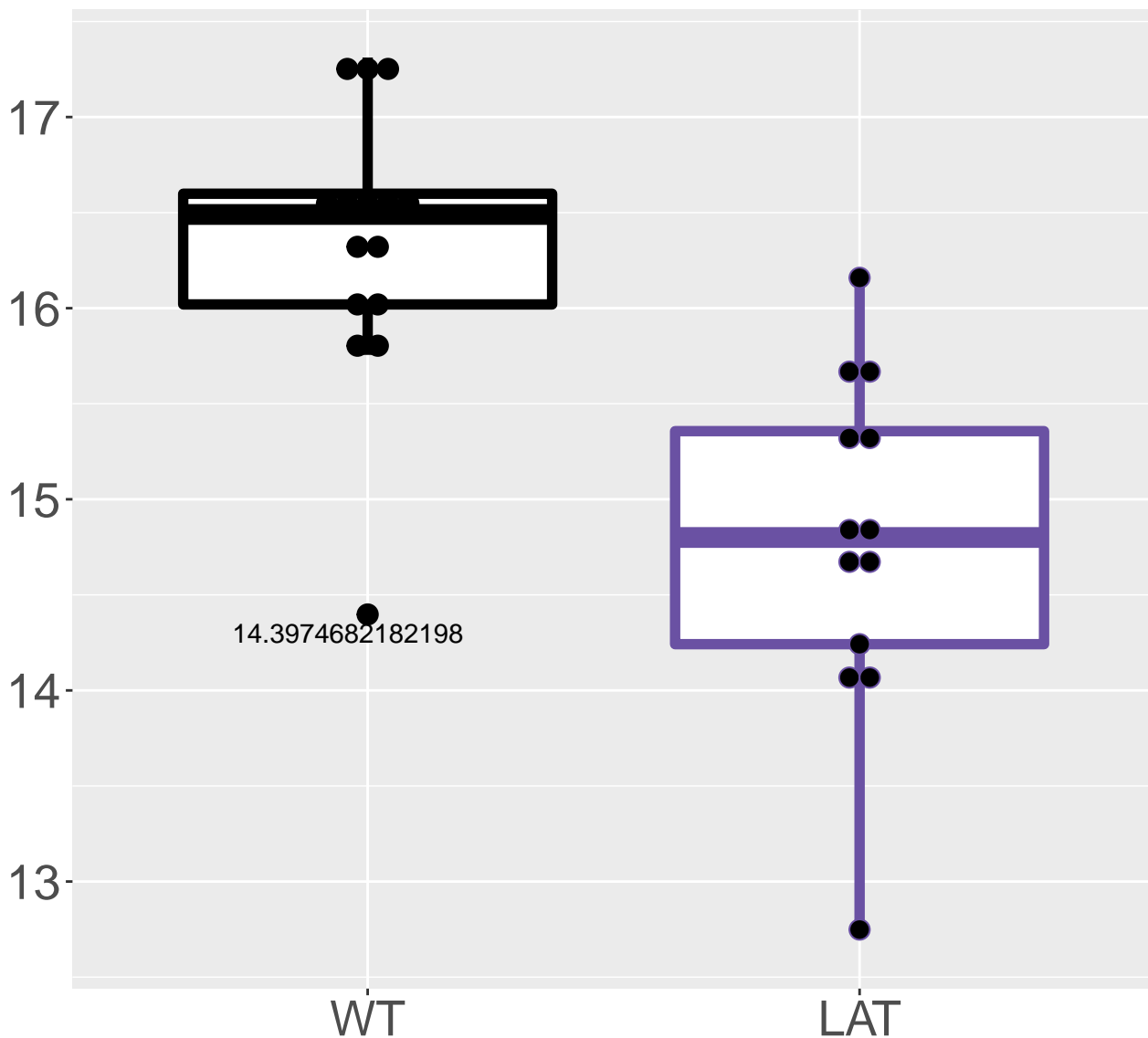
Xanthine

FDR = 0.00029, FC = -0.47

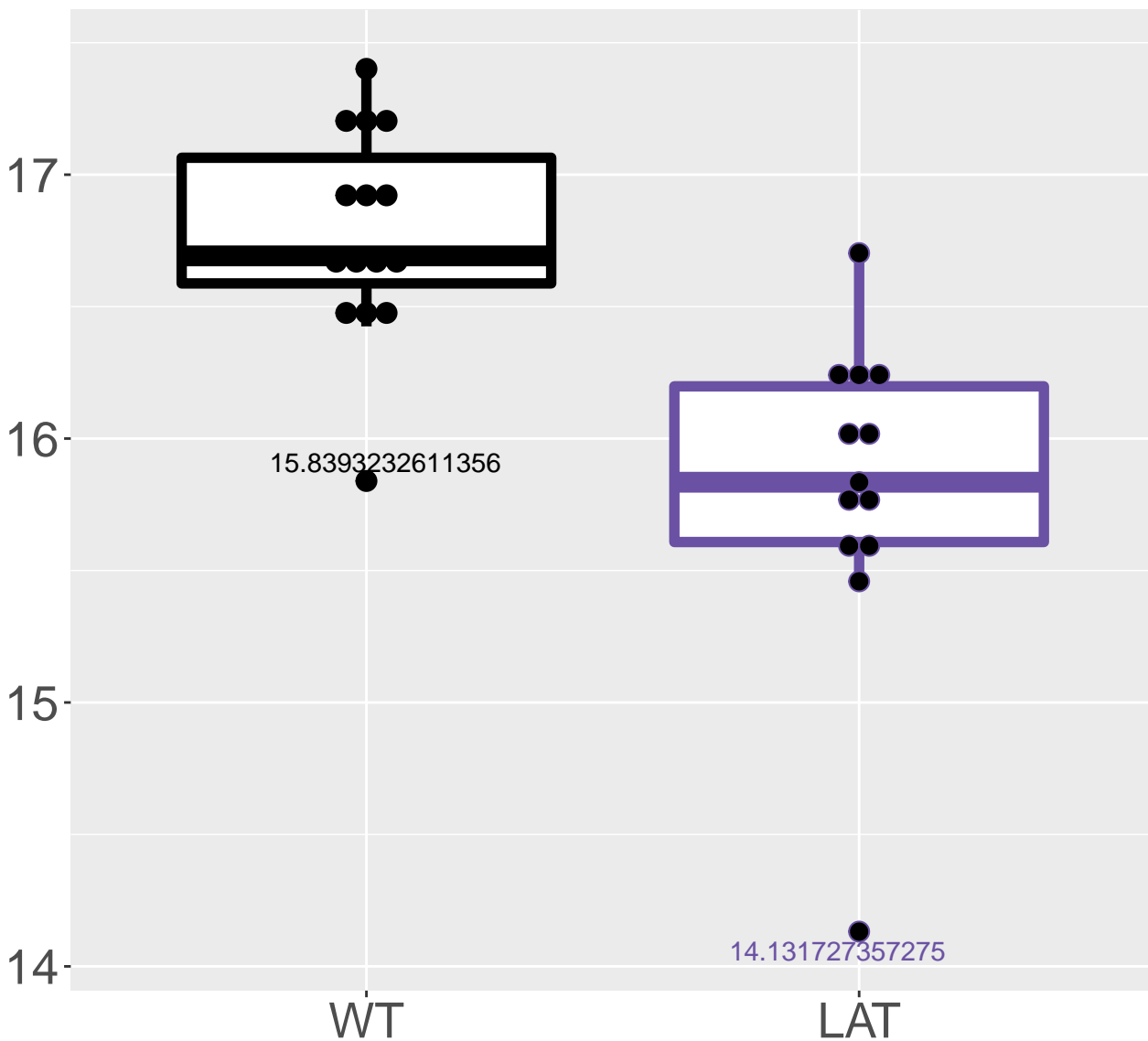


M286.5963T543.04

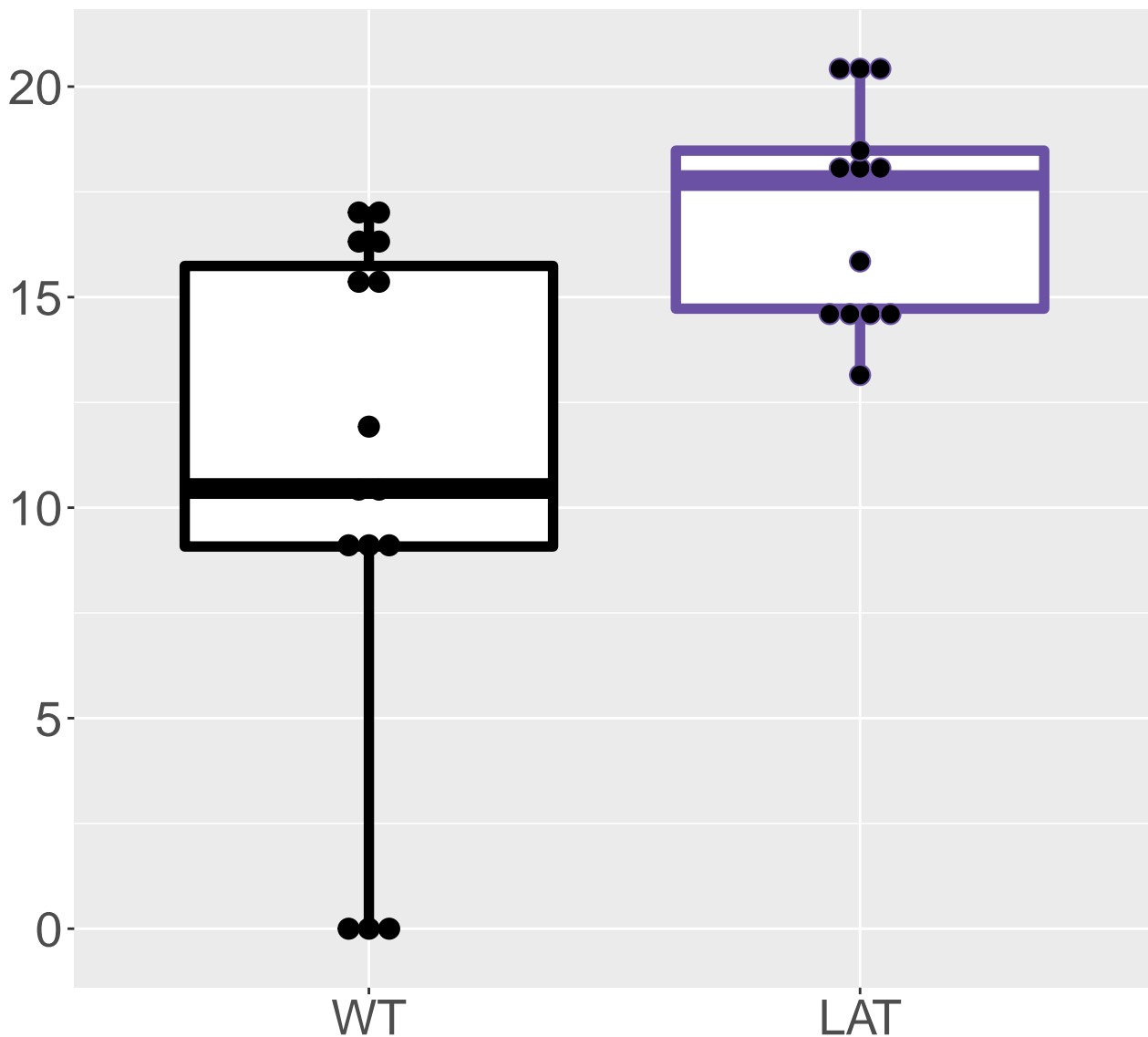
FDR = $3e-04$, FC = -1.6



FDR = 3e-04, FC = -0.97

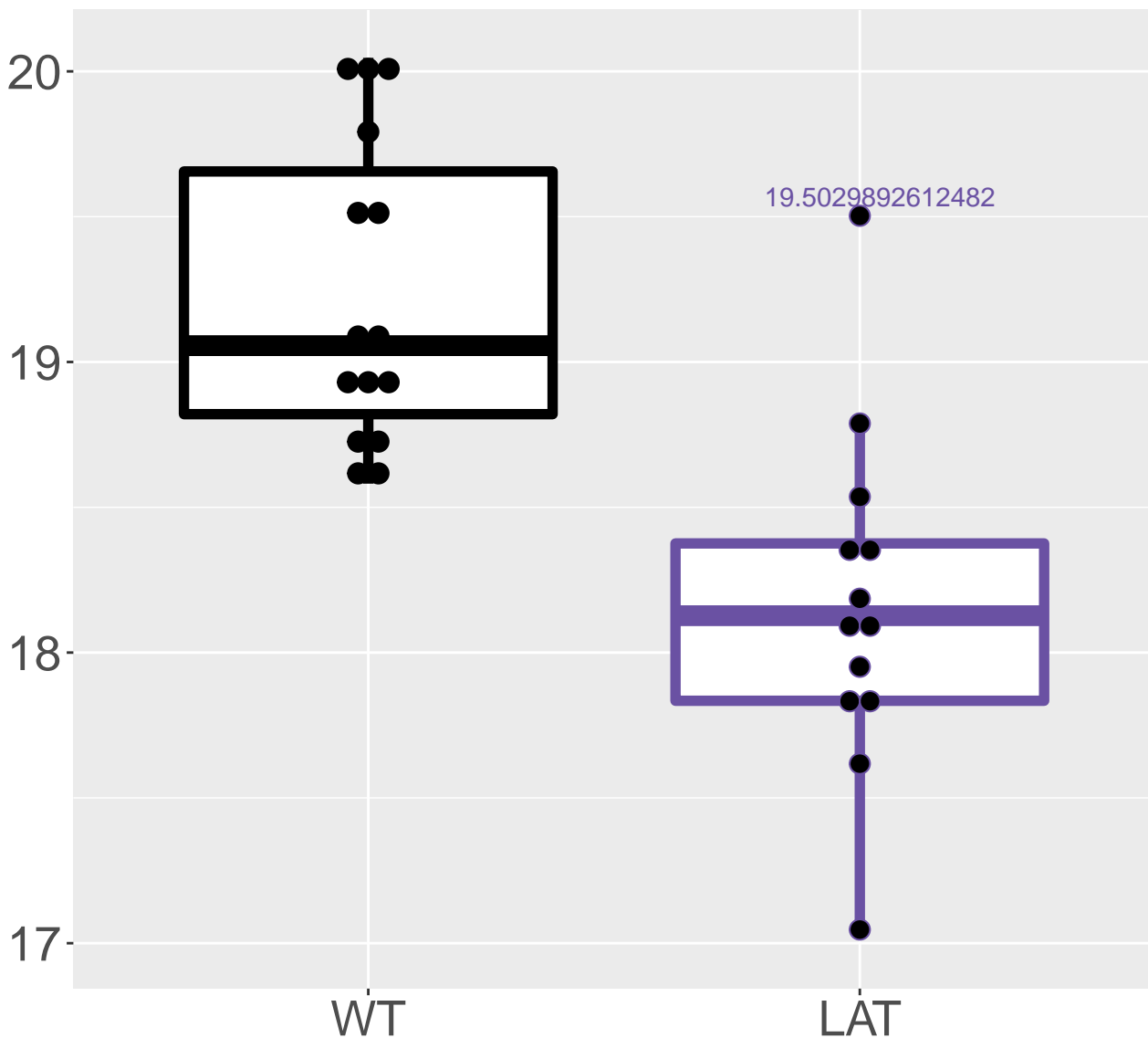


Inosine 5'-monophosphate;IMP;5'-inosinic acid
FDR = 3e-04, FC = 6.5, sex***



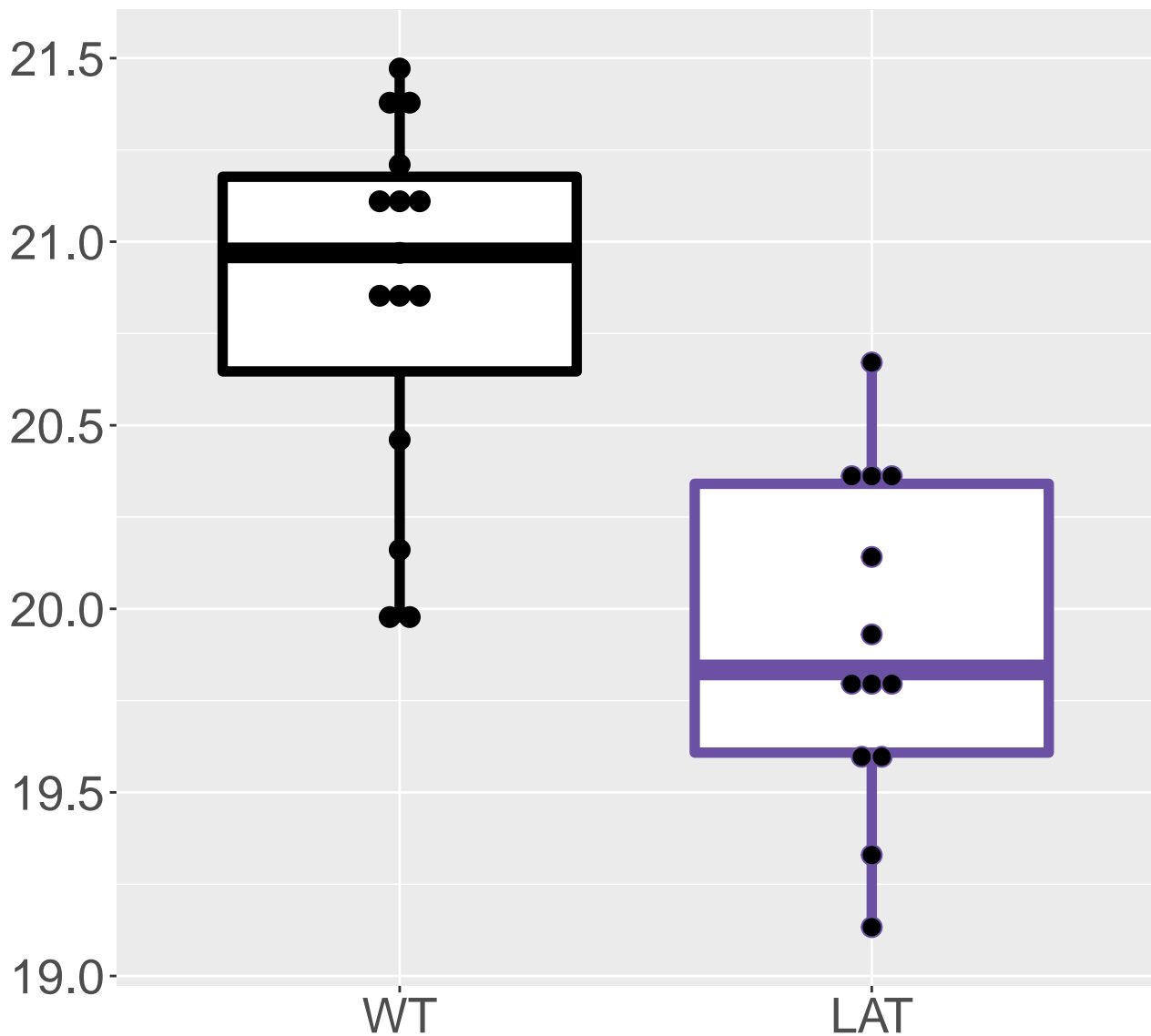
M262.1299T173.45

FDR = 3e-04, FC = -1.1



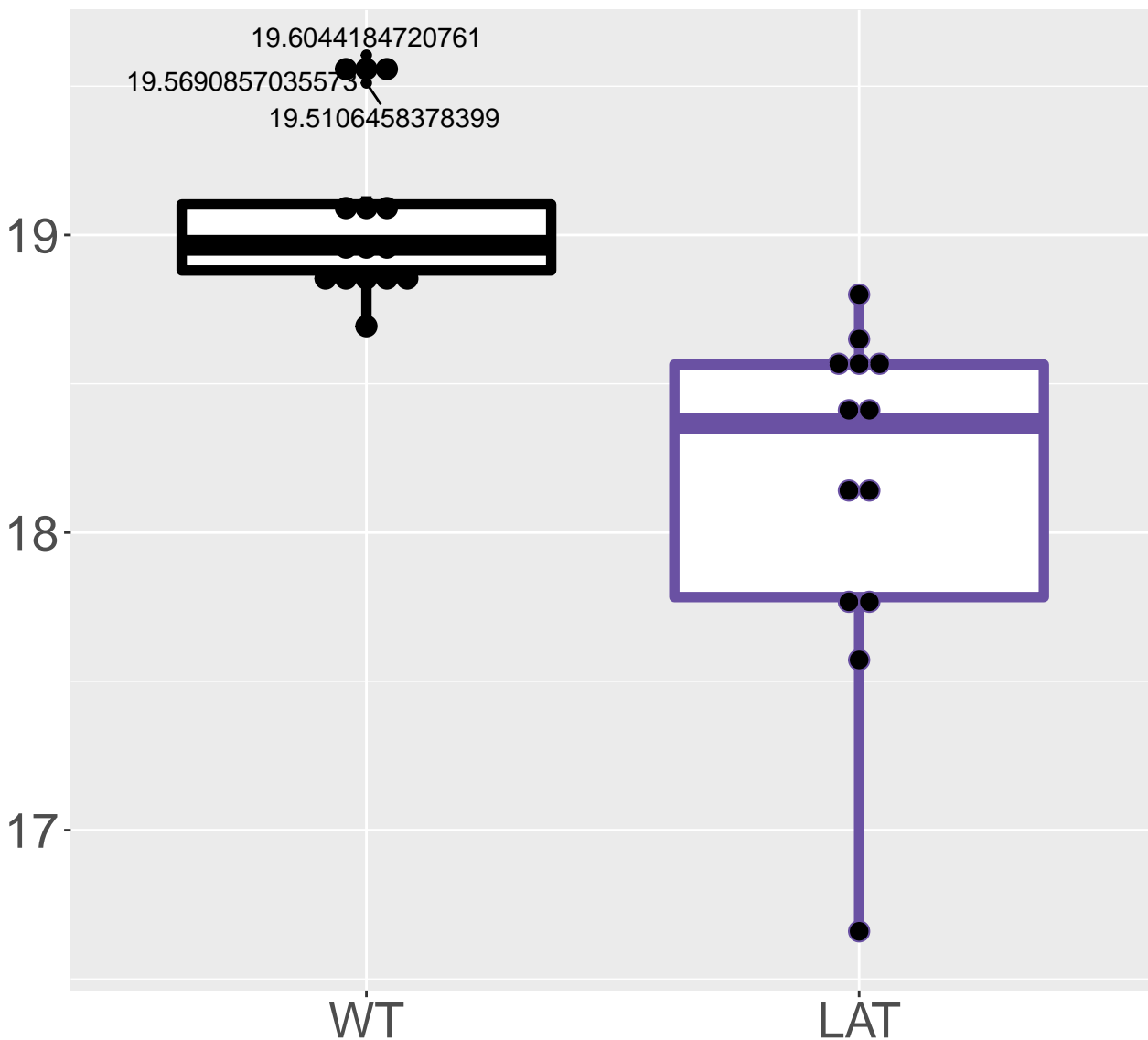
M308.0992T562.35

FDR = 0.00032, FC = -0.94

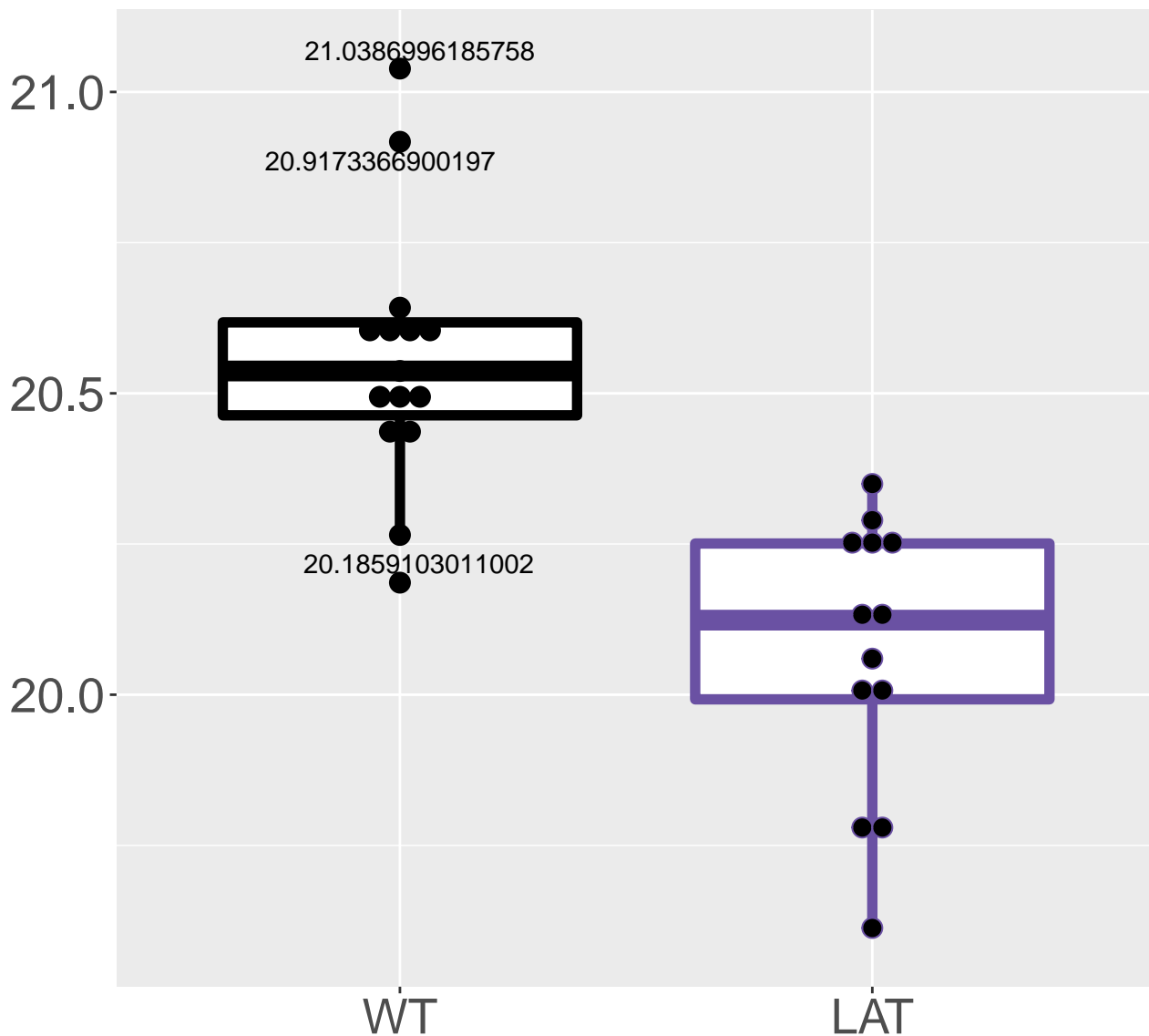


M584.4768T77.7

FDR = 0.00032, FC = -0.9

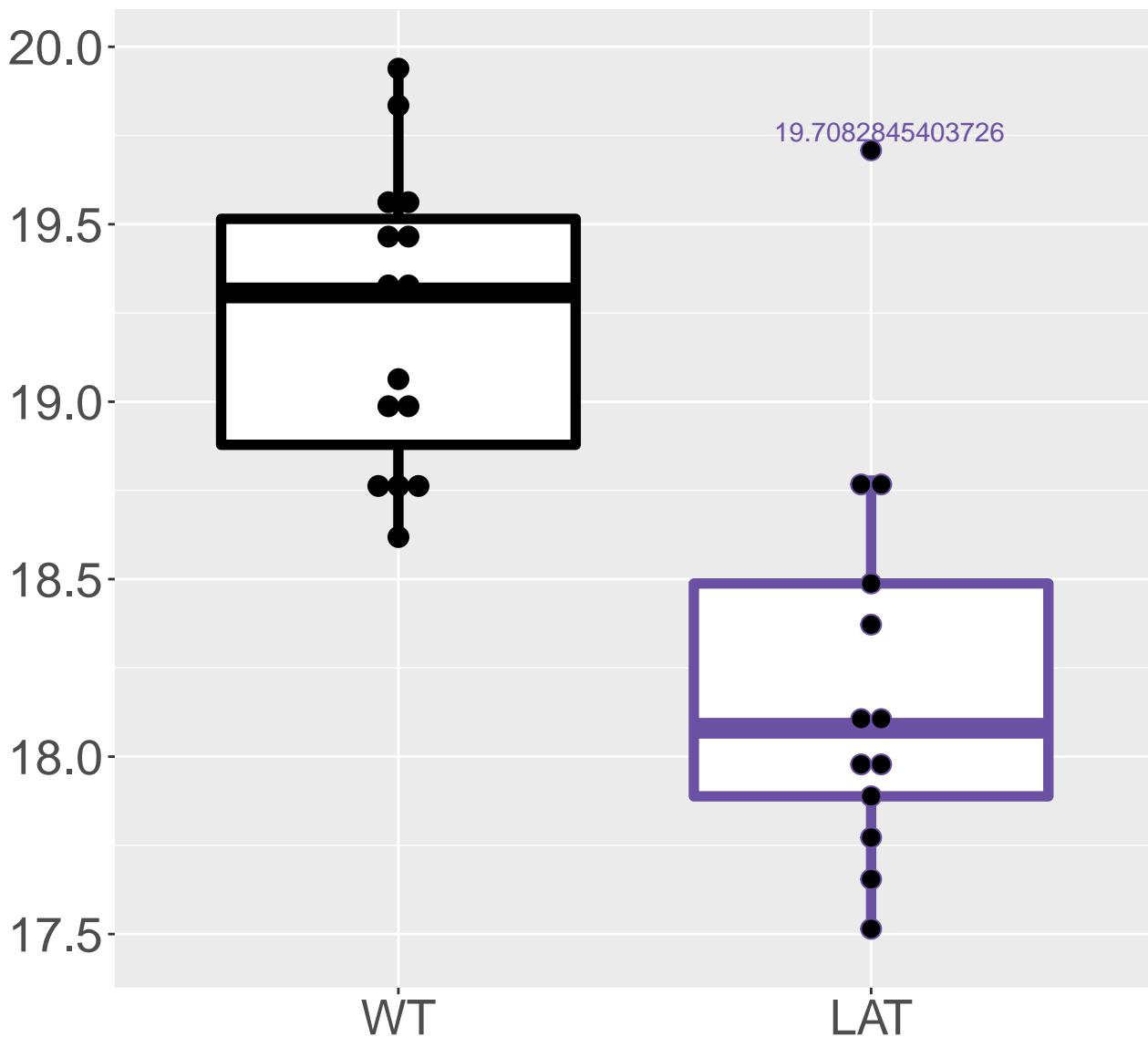


FDR = 0.00032, $\overline{FC} = -0.49$



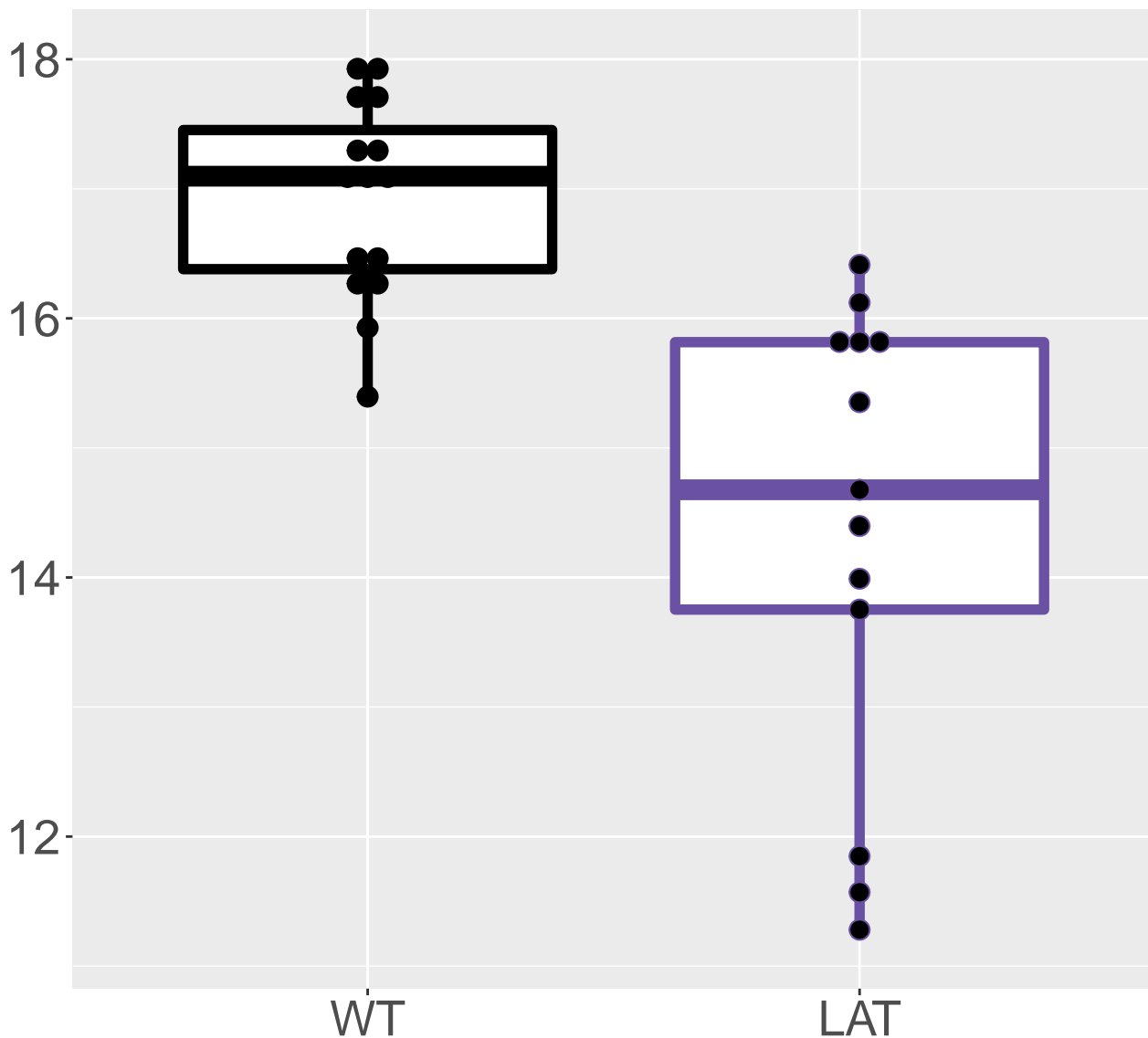
M656.2099T659.97

FDR = 0.00032, FC = -0.99



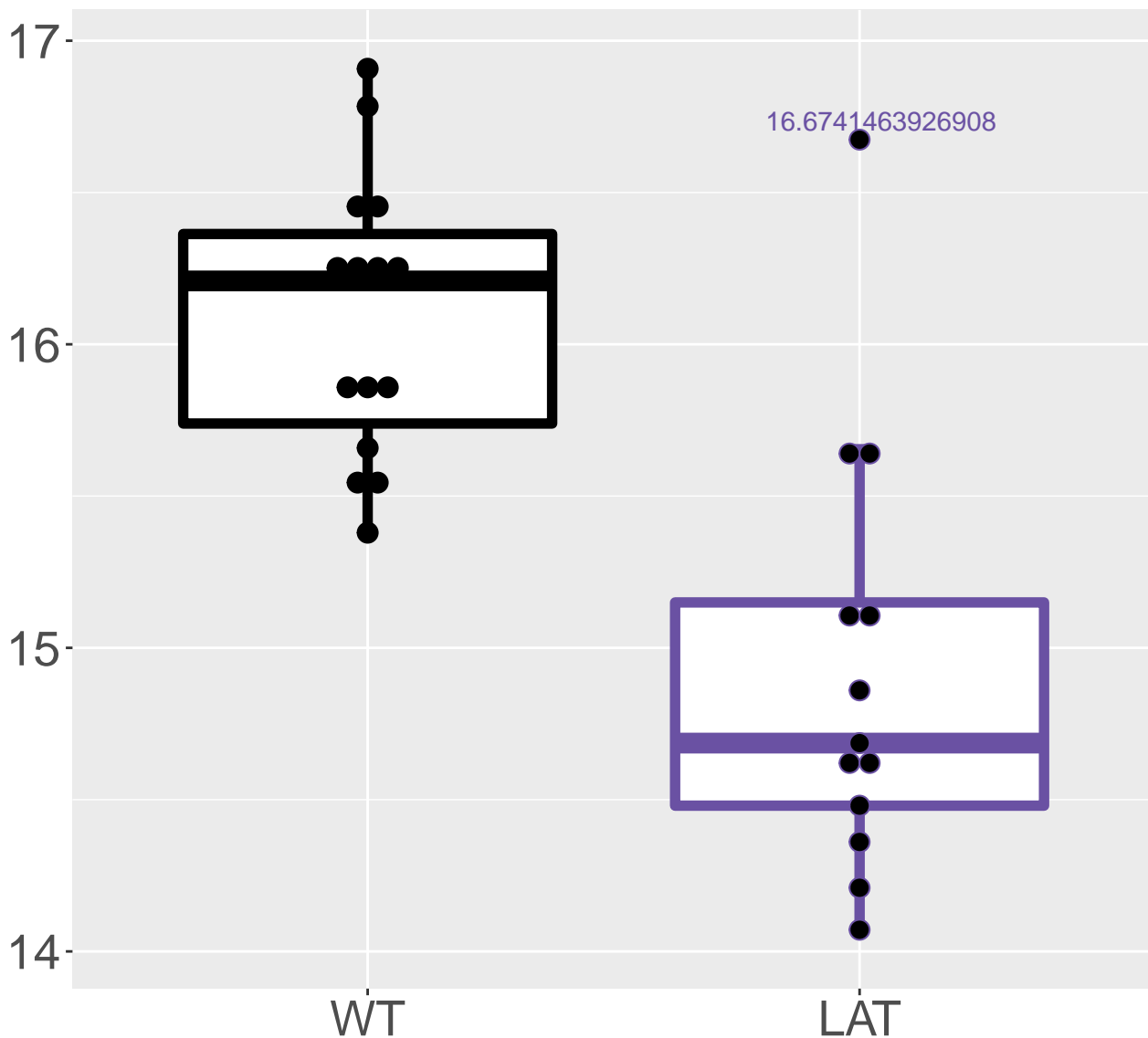
M470.152T576.31

FDR = 0.00032, FC = -2.6

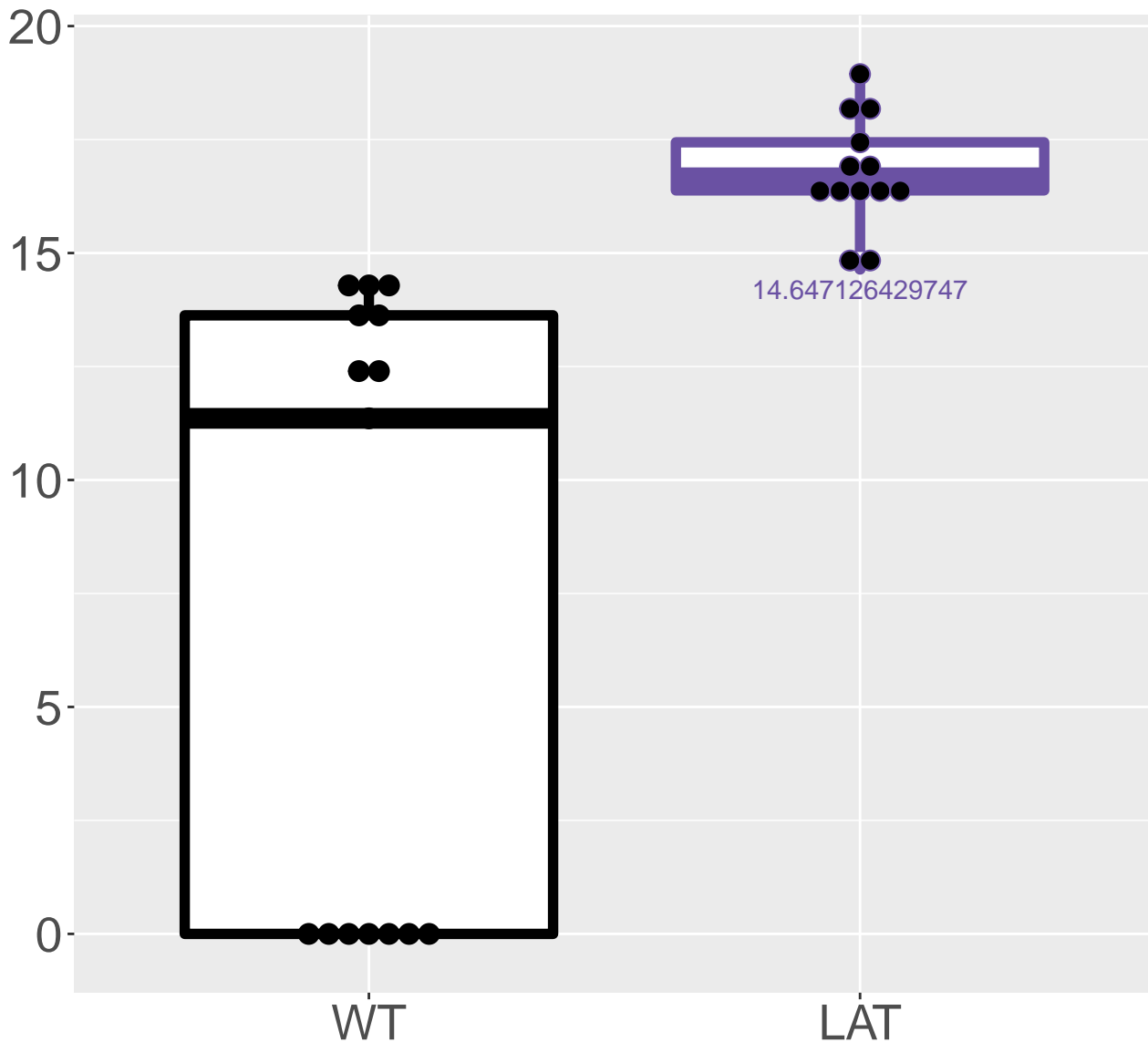


M686.7179T659.83_1

FDR = 0.00032, FC = -1.2

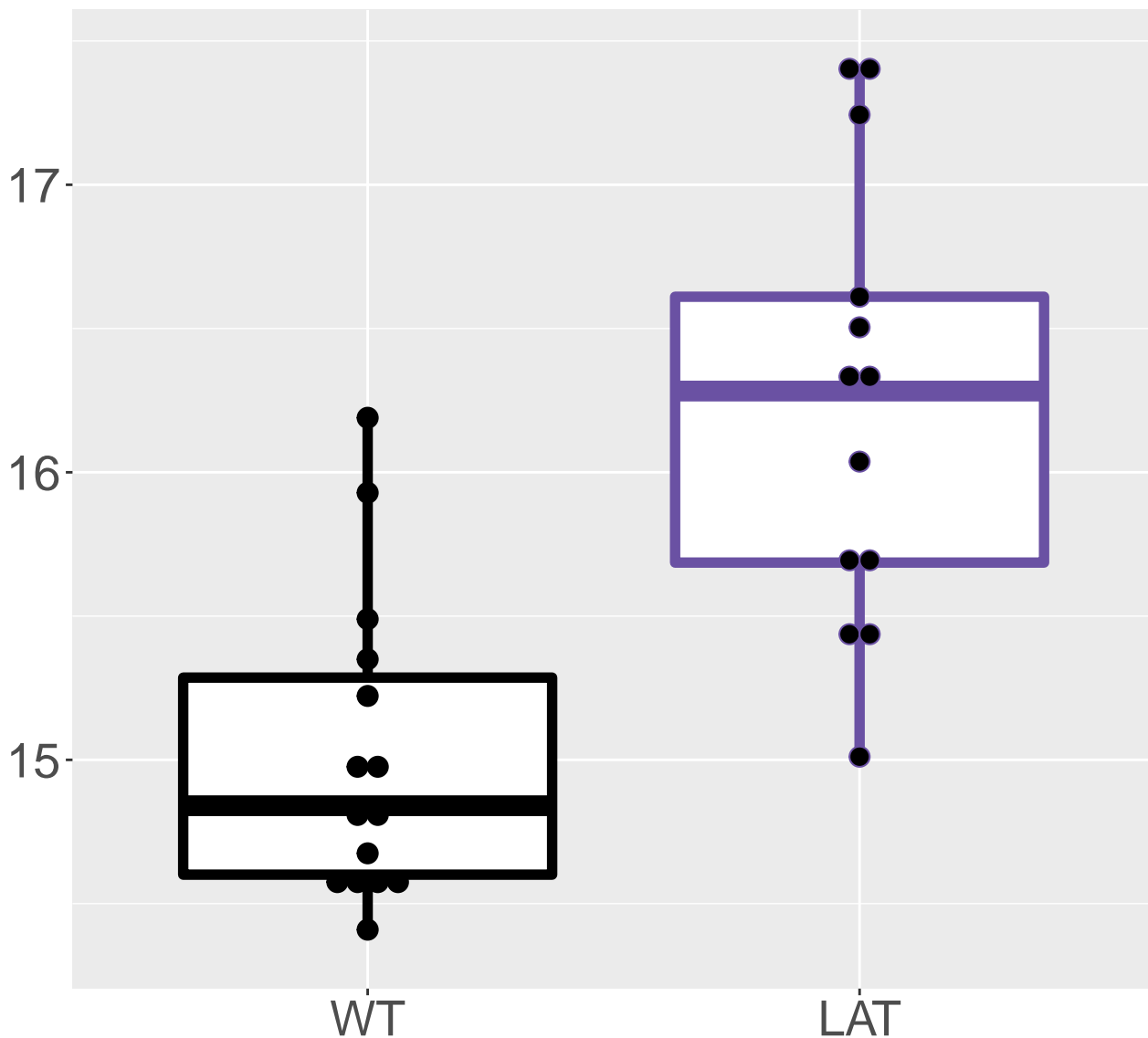


FDR = 0.00032, FC = 9.7



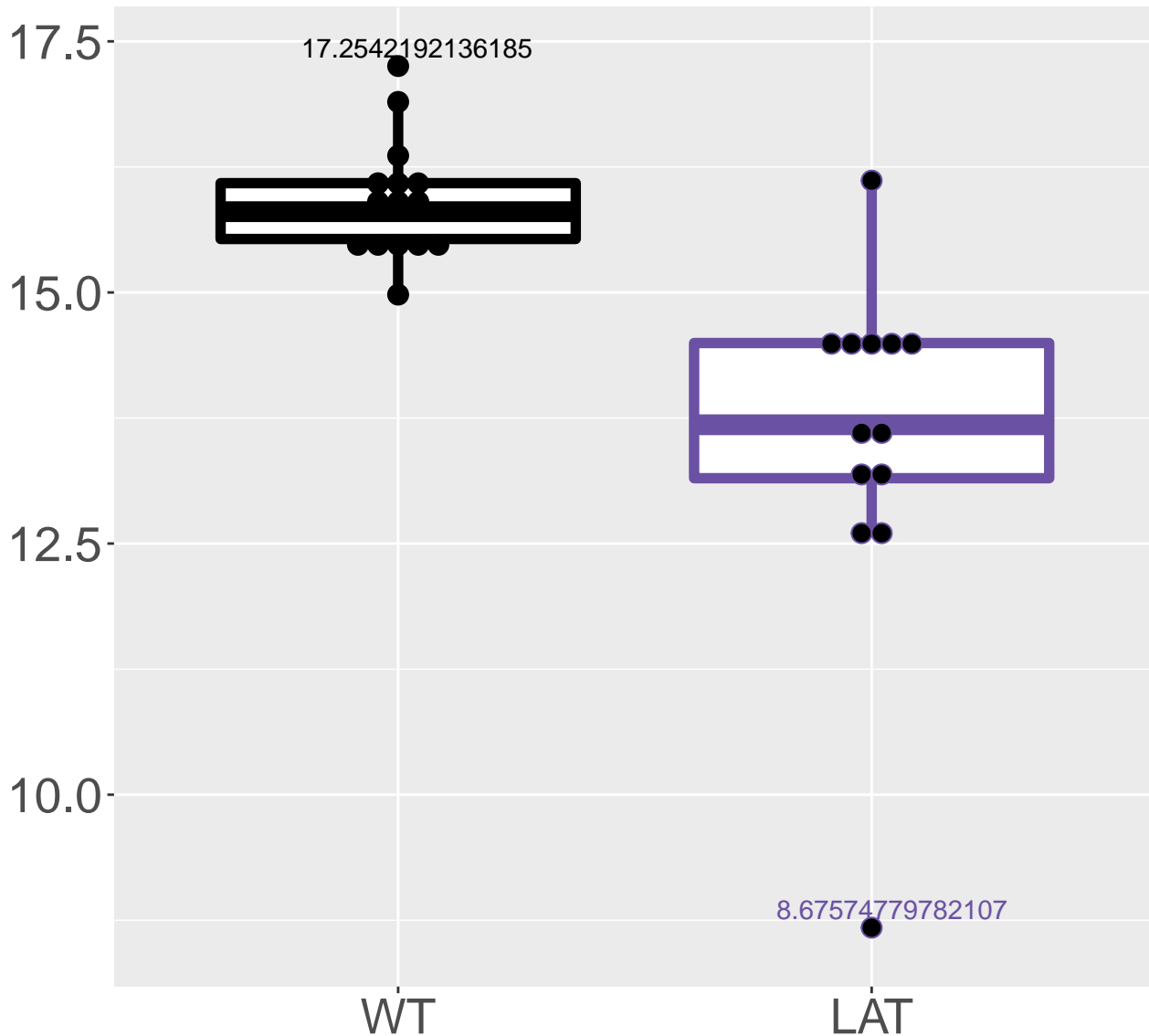
M261.1346T129.73

FDR = 0.00032, FC = 1.2

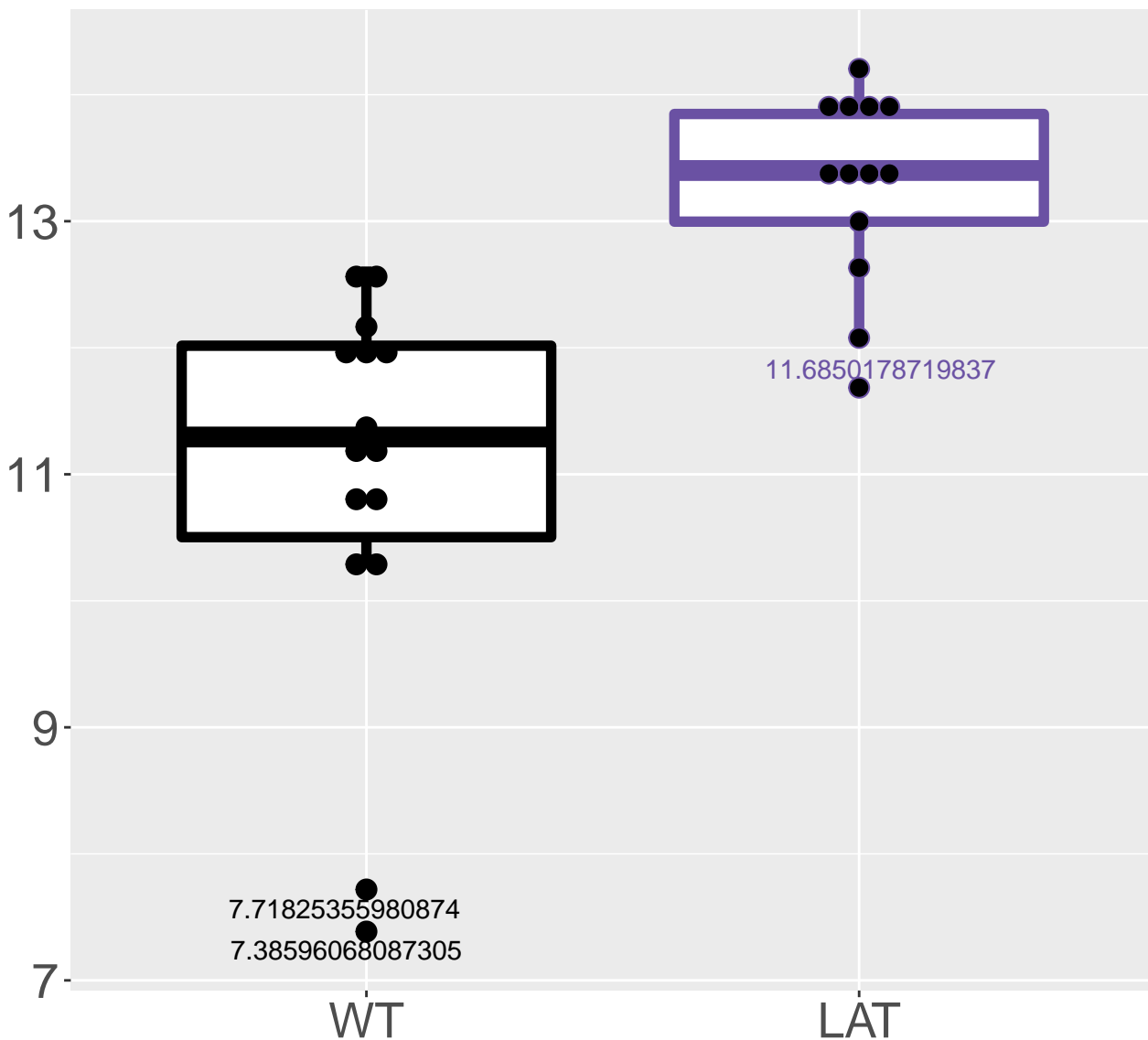


M682.2415T515.76

FDR = 0.00033, FC = -2.4

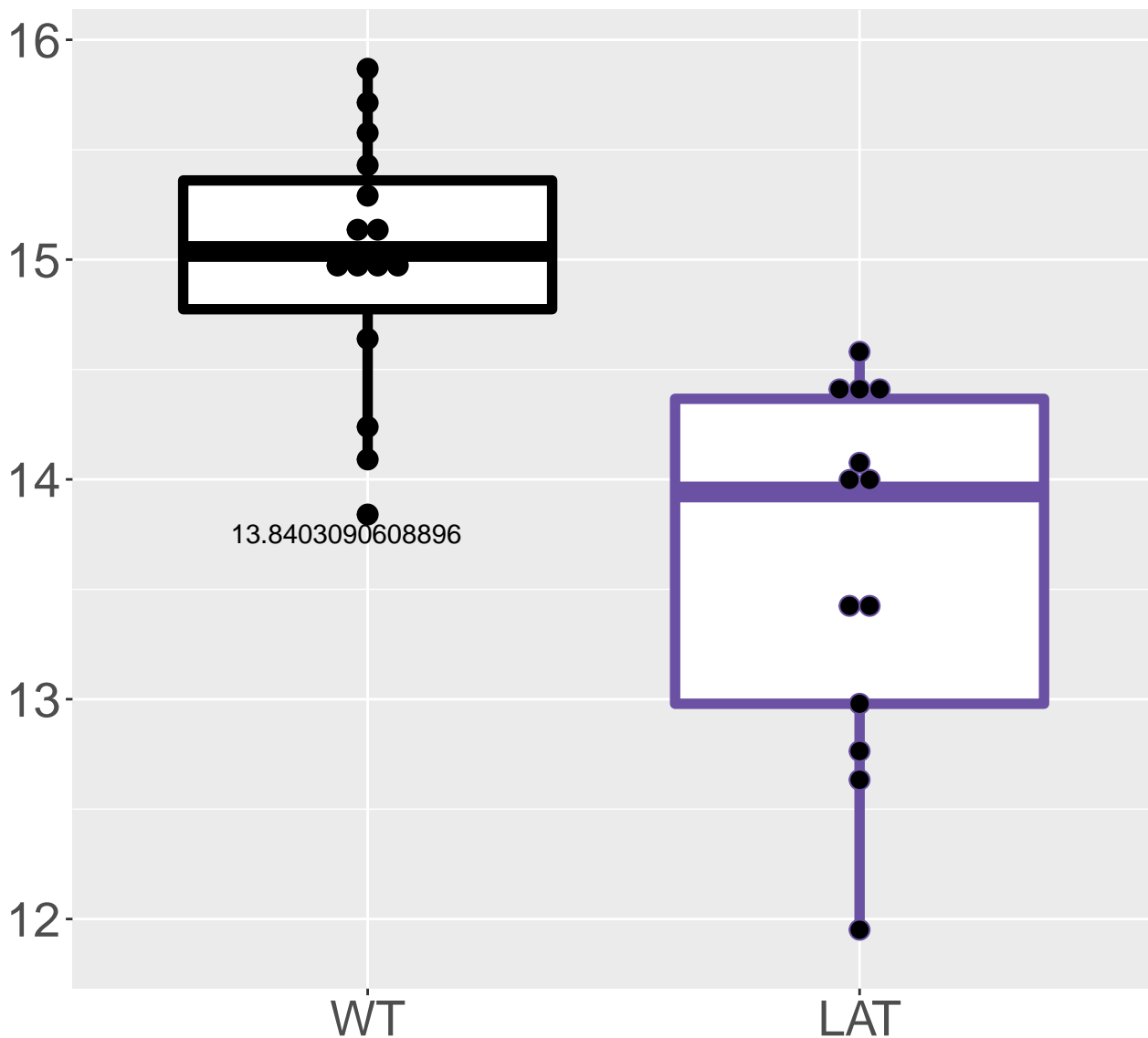


M204.9991T643.17
FDR = 0.00033, FC = 2.3

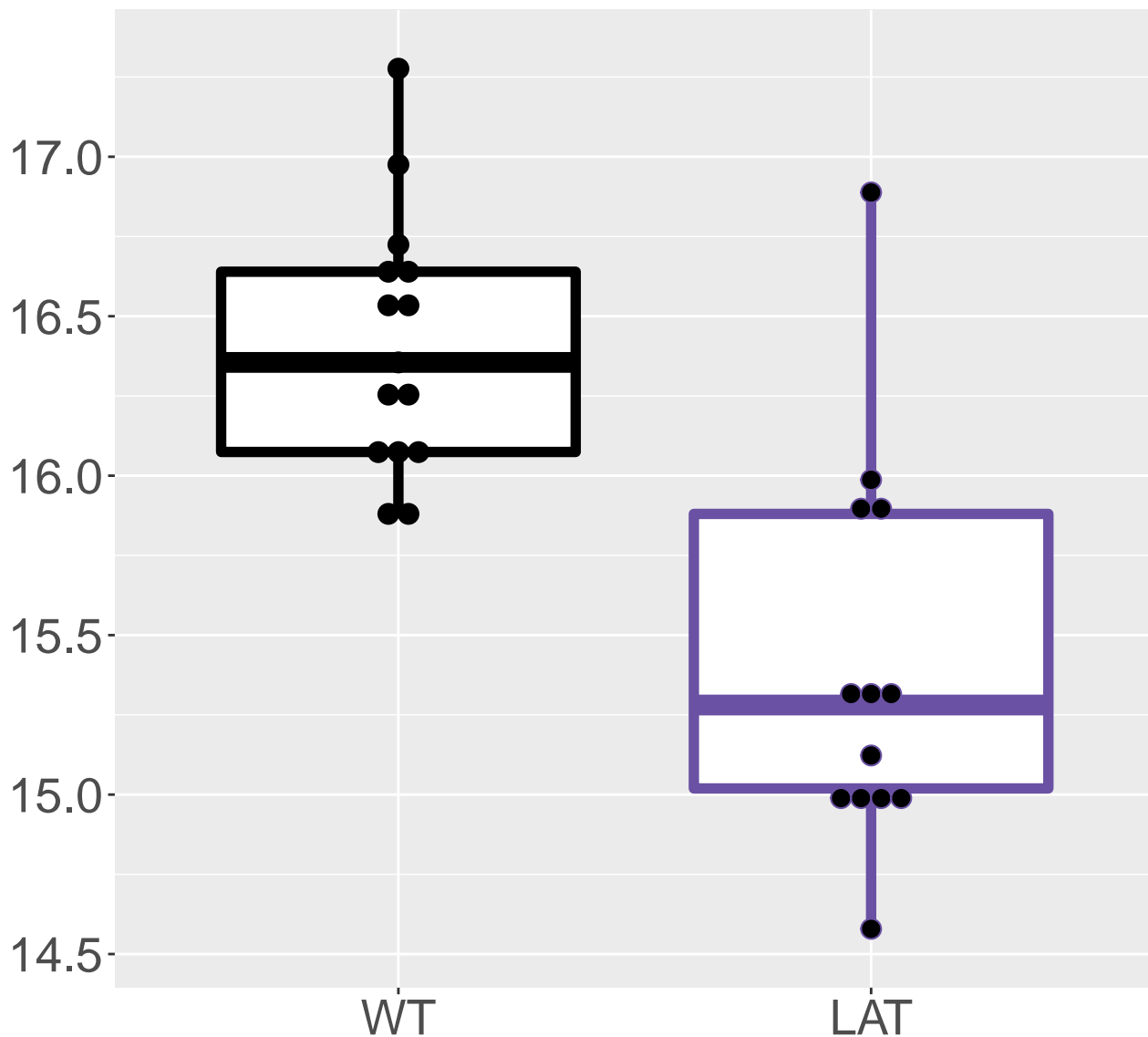


M681.2104T538.29

FDR = 0.00033, FC = -1.4

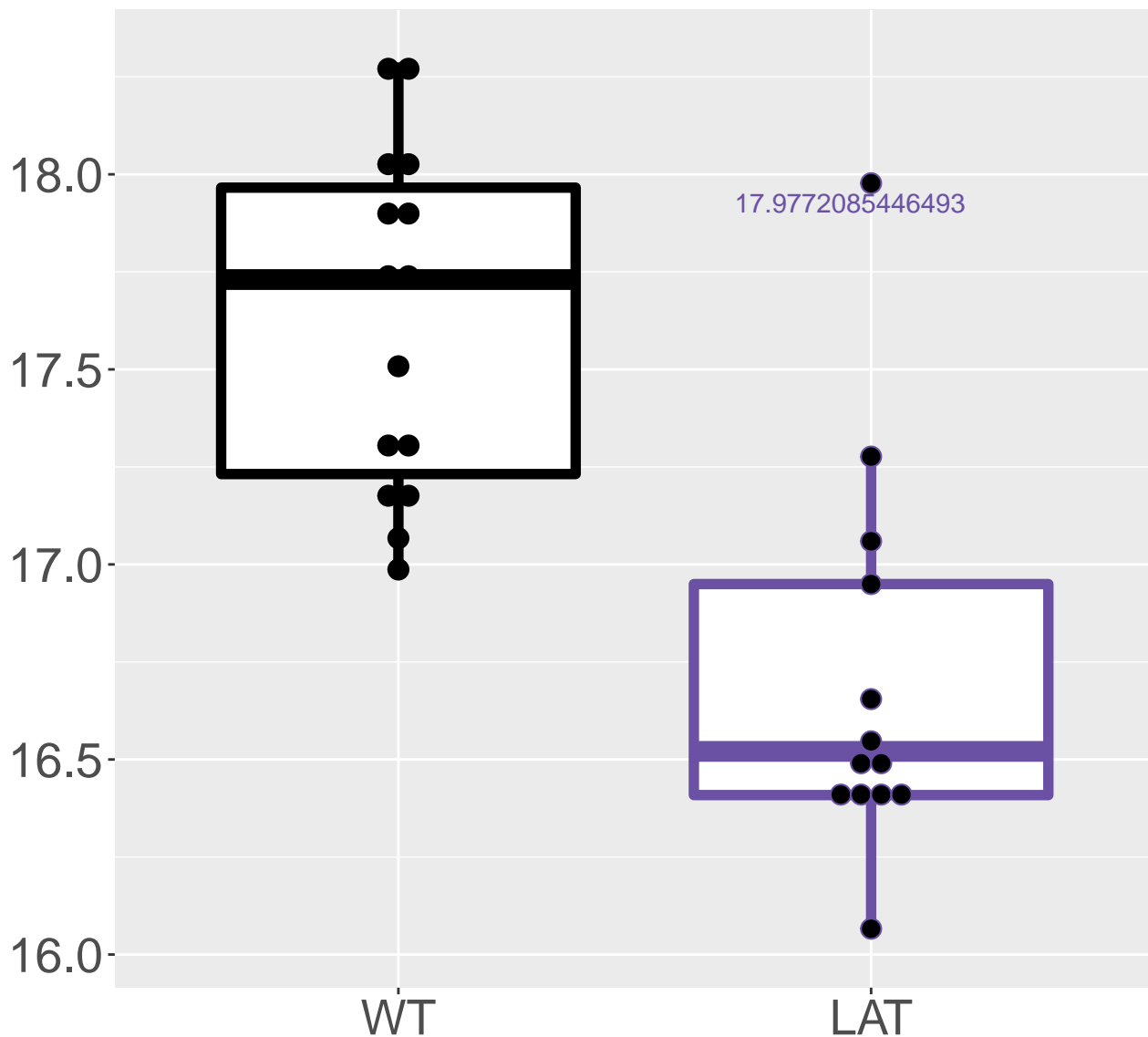


M819.7669T675.72_1
FDR = 0.00033, FC = -1



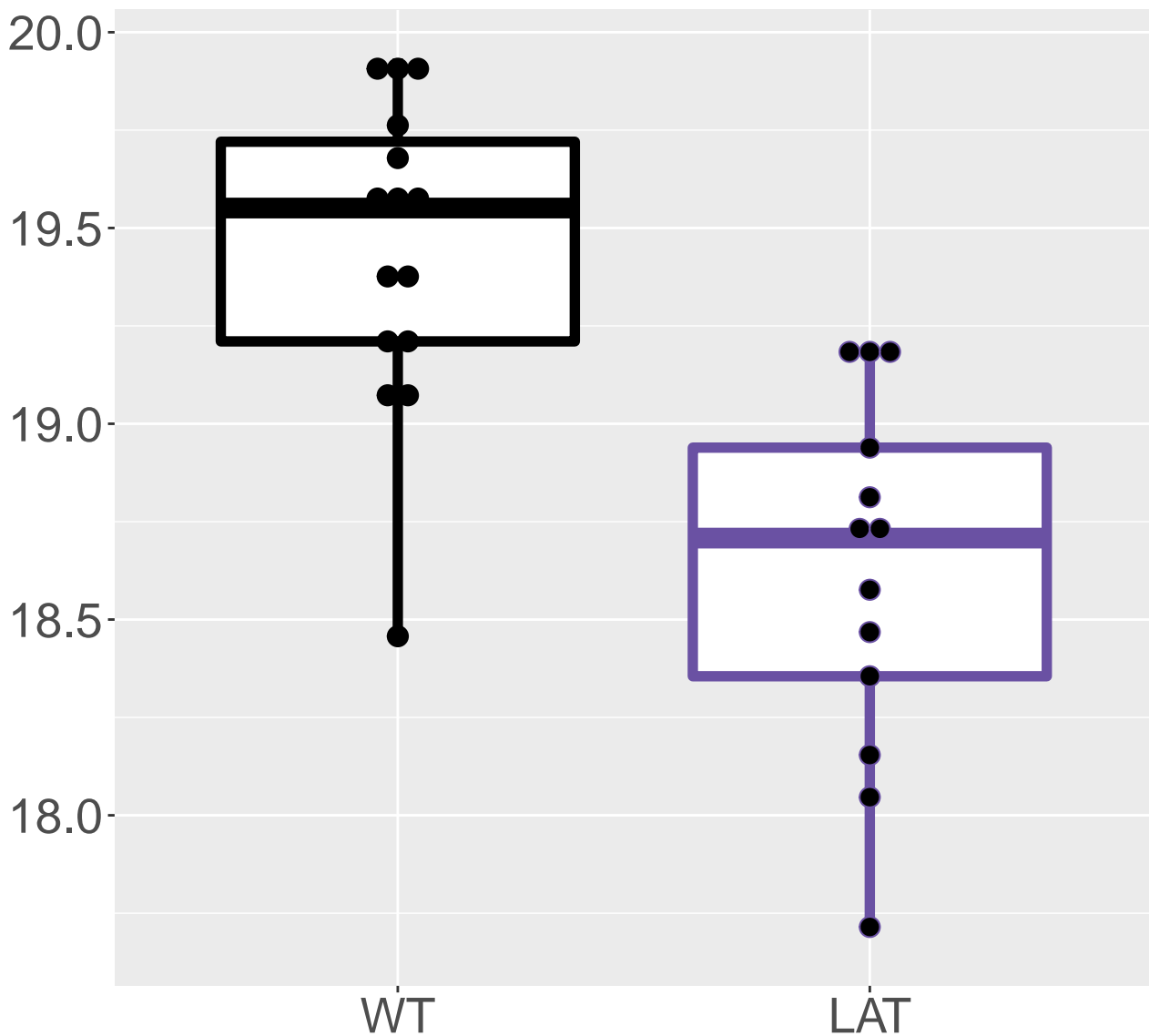
M605.6917T649.66_1

FDR = 0.00033, FC = -0.92



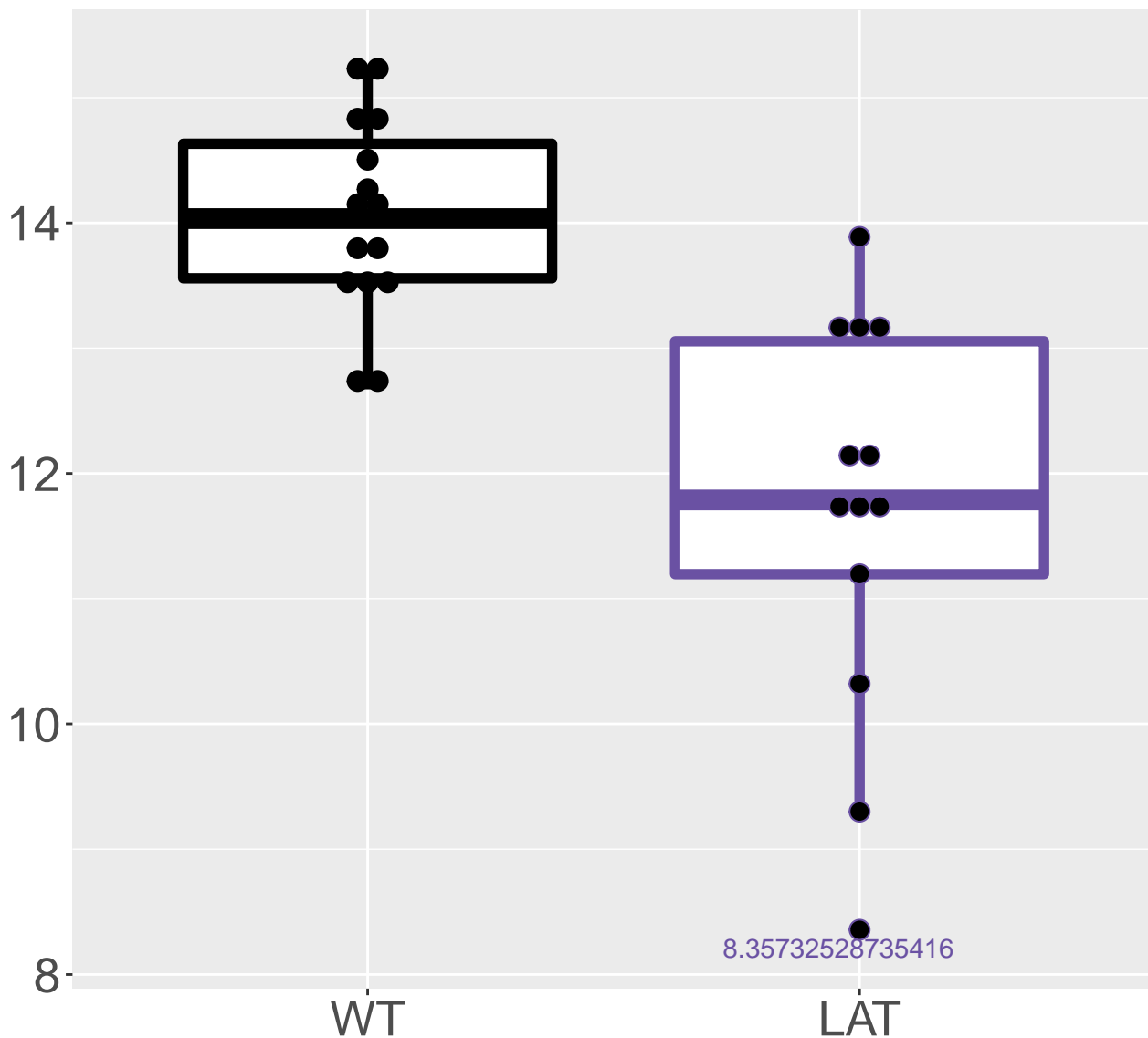
M337.0782T509.03

FDR = 0.00033, FC = -0.82



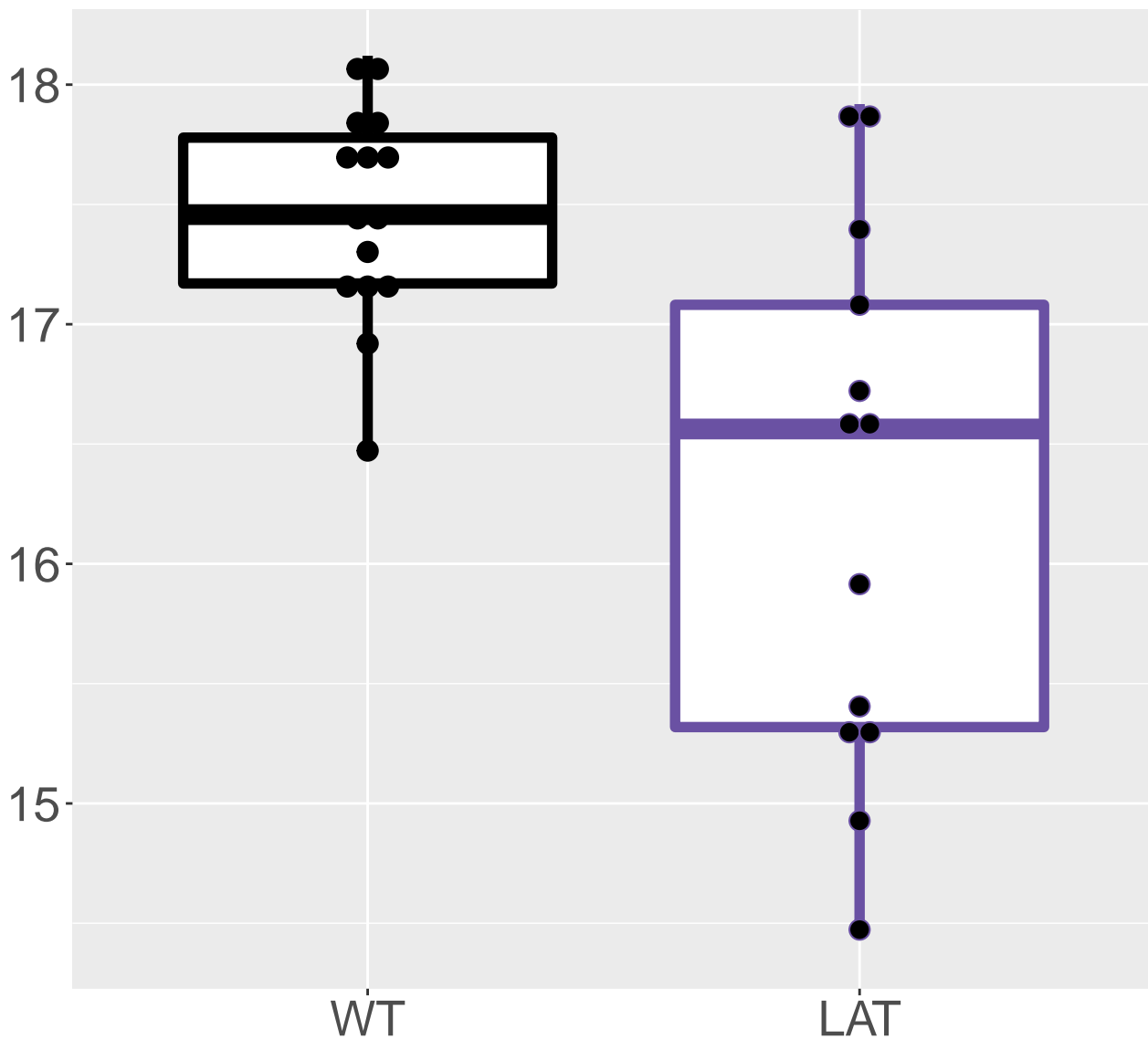
M592.1833T514.56

FDR = 0.00033, FC = -2.4

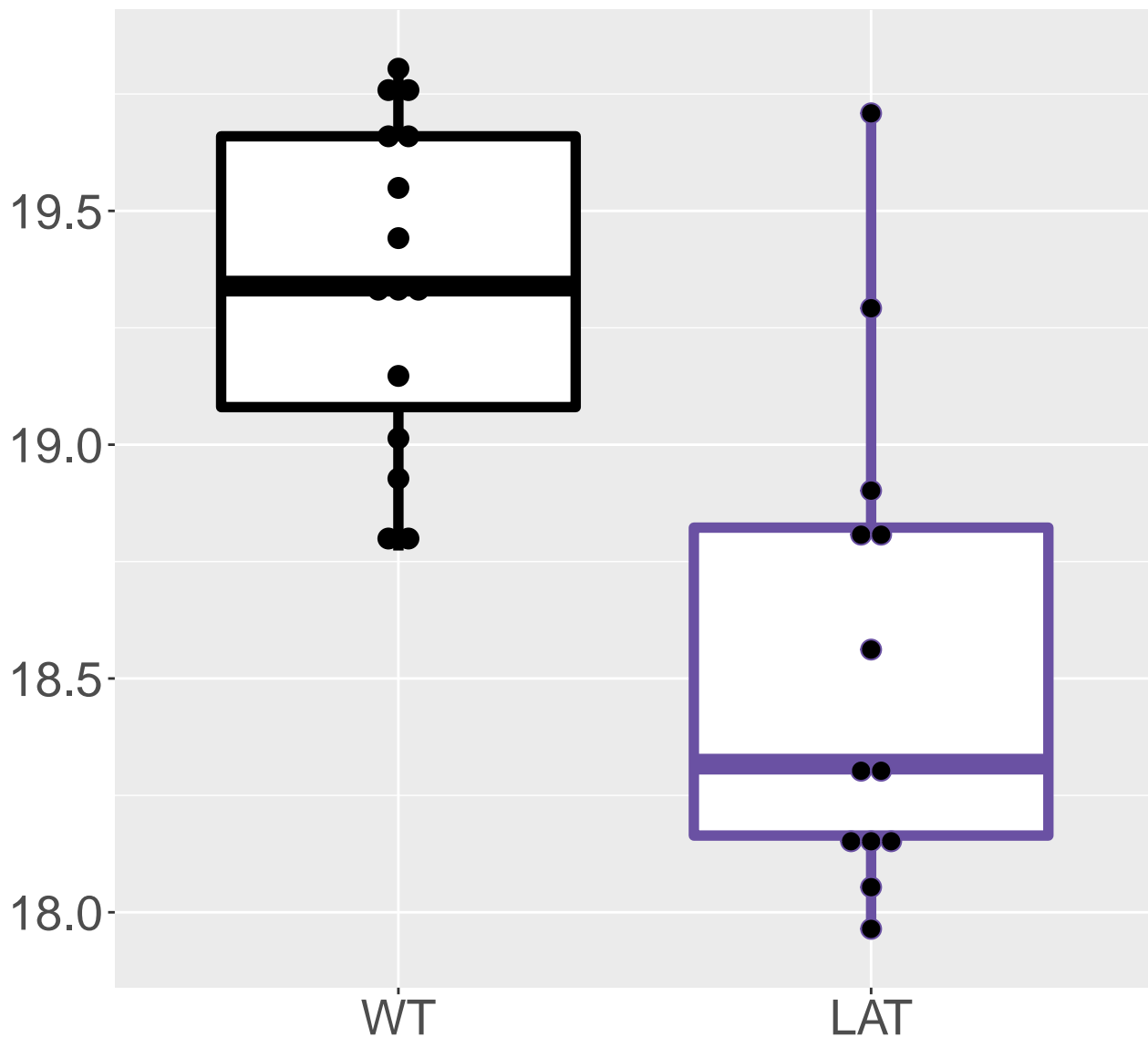


M329.0931T140.42

FDR = 0.00033, FC = -1.2, sex***

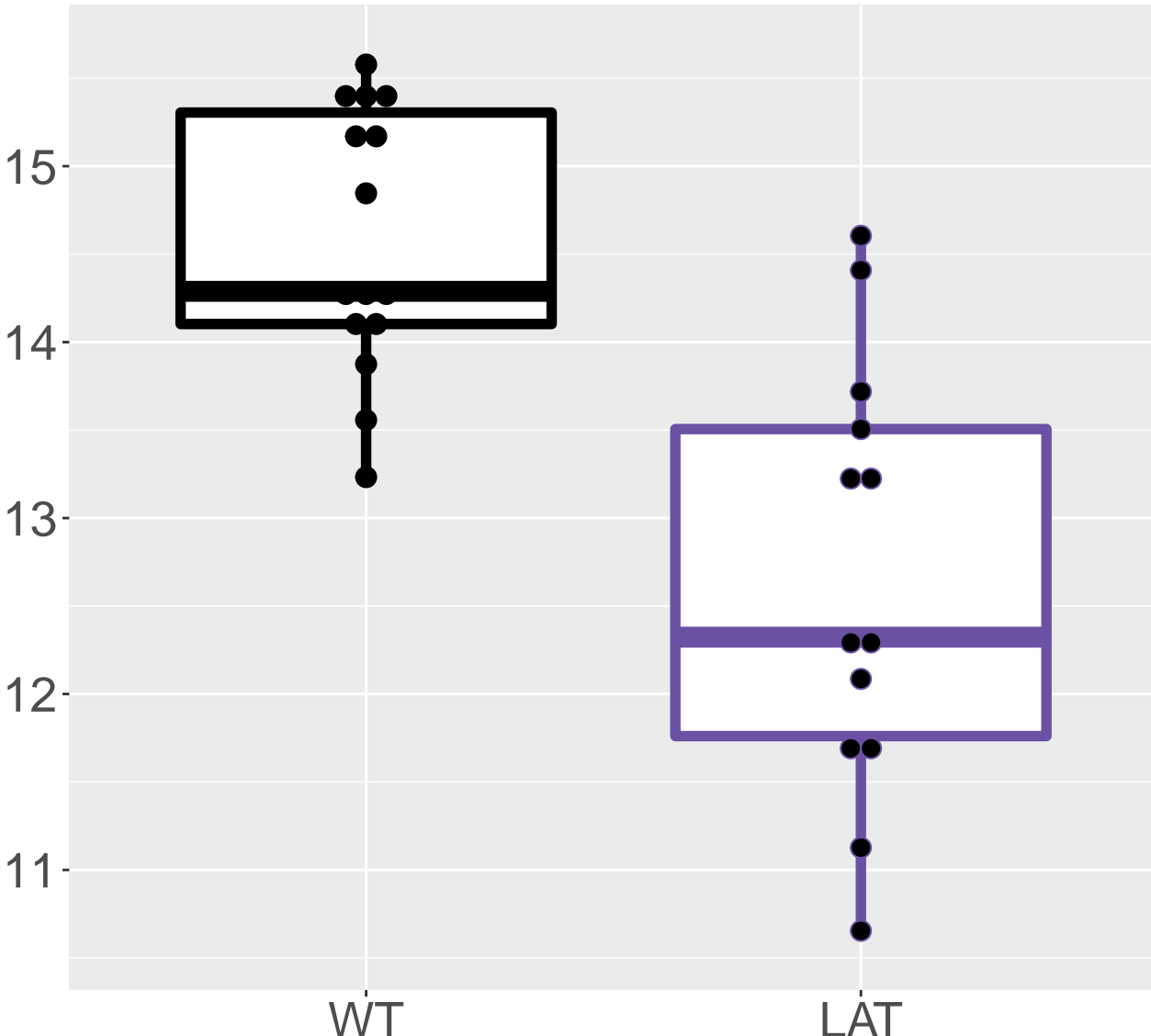


M637.184T570.58_1
FDR = 0.00033, FC = -0.8



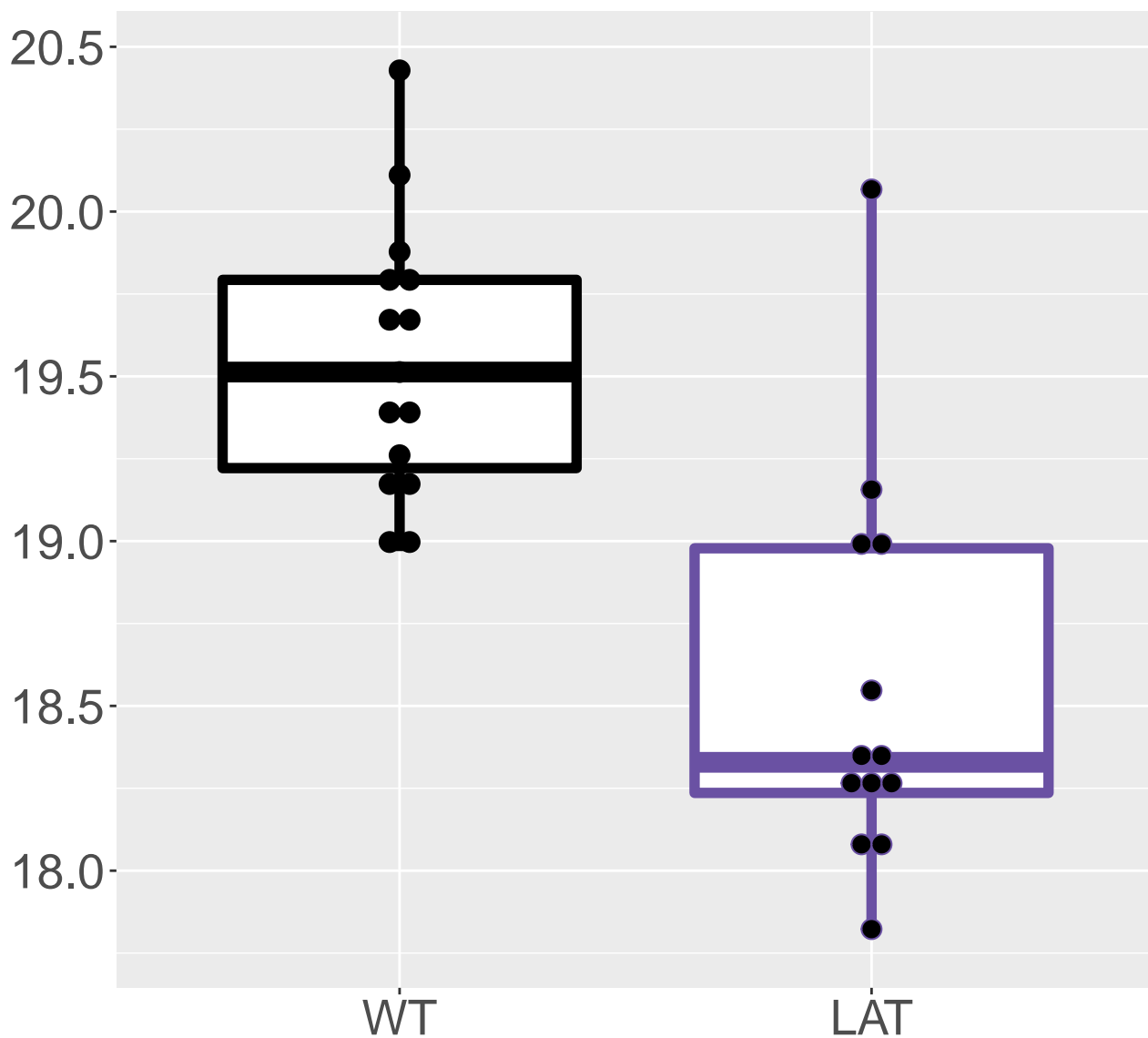
M777.2424T620.32

FDR = 0.00034, FC = -1.9



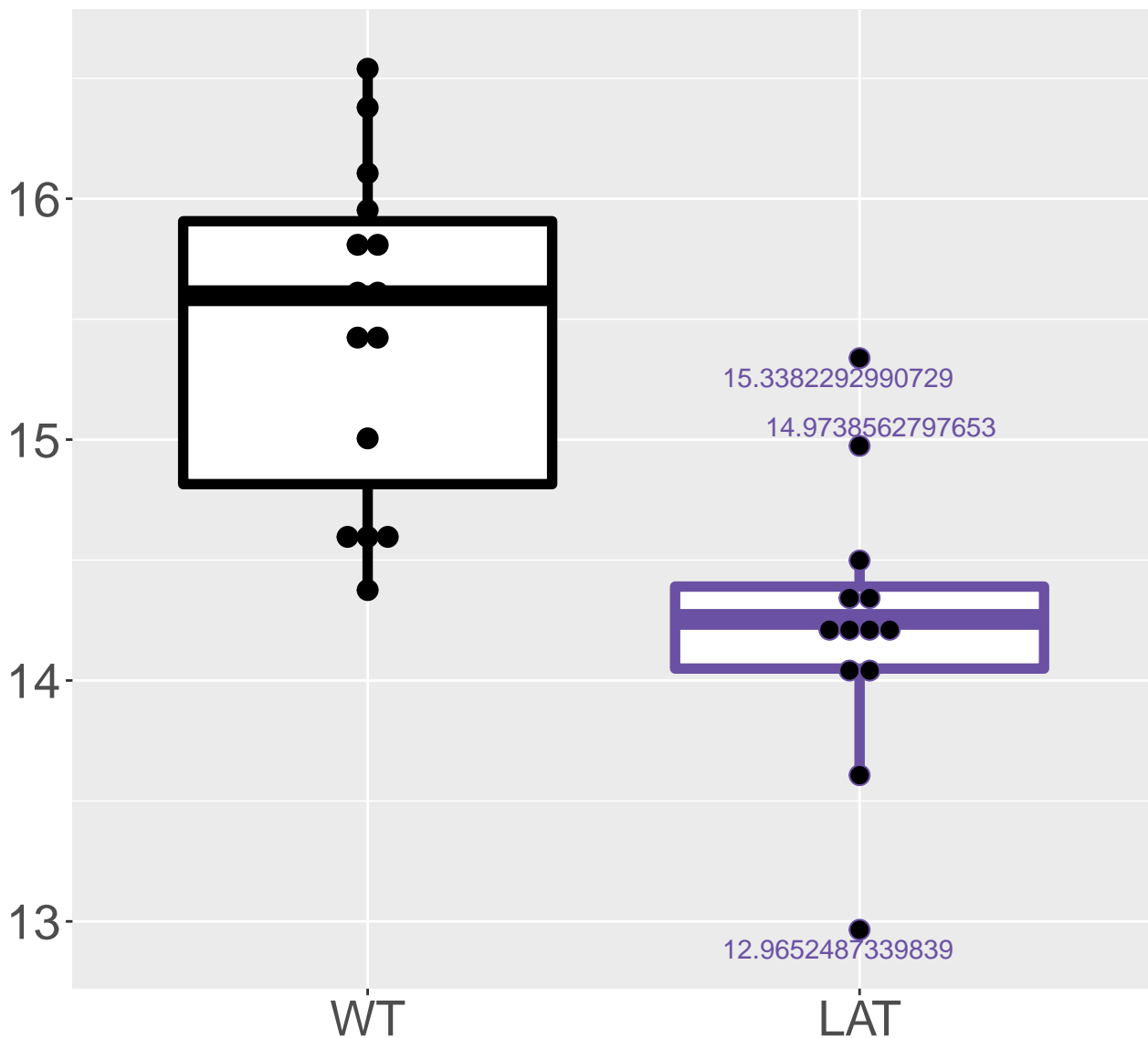
M818.2626T675.59

FDR = 0.00036, FC = -0.99



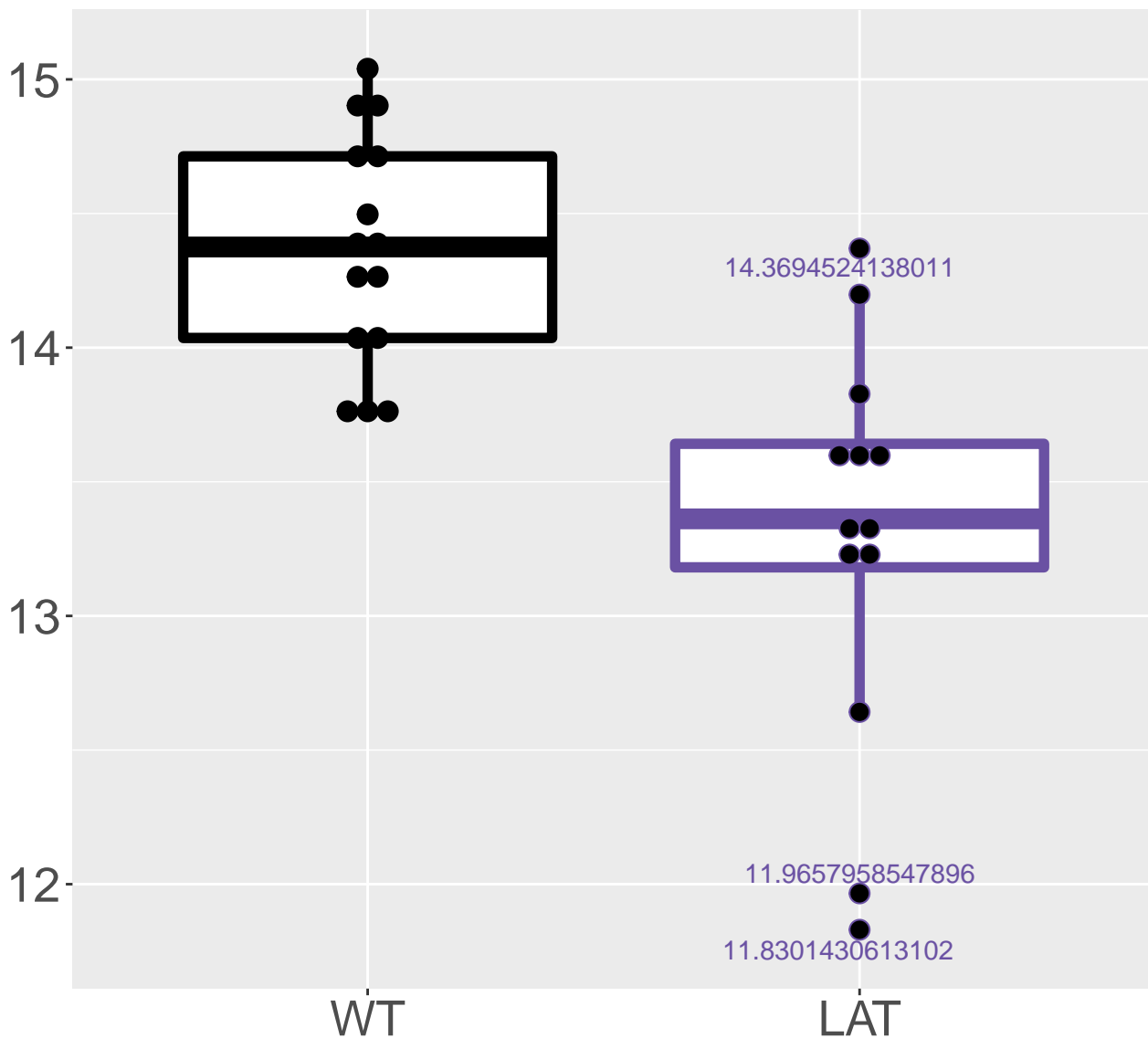
M436.1336T625.96

FDR = 0.00036, FC = -1.2

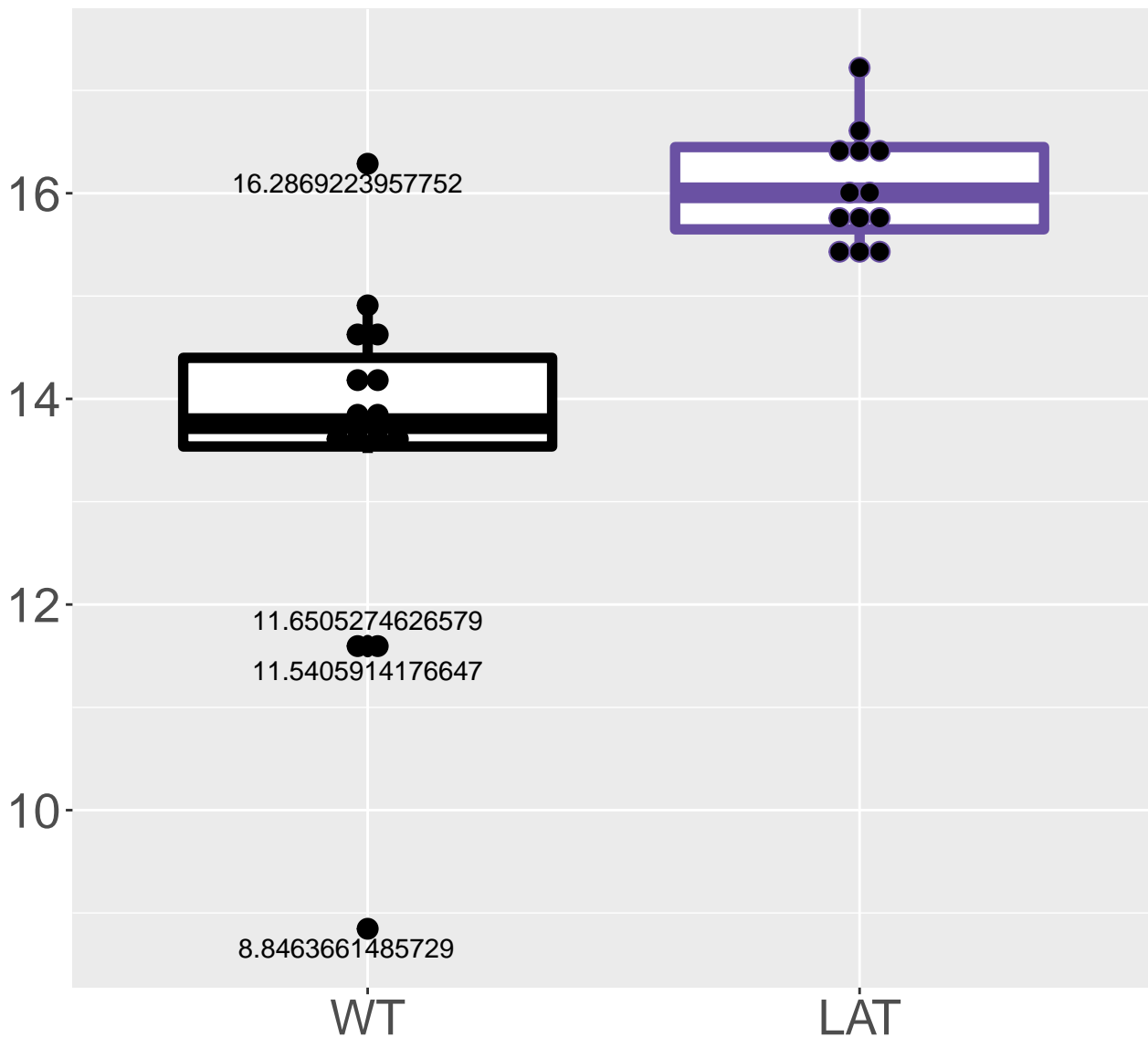


M200.0487T173.83

FDR = 0.00036, FC = -1.1

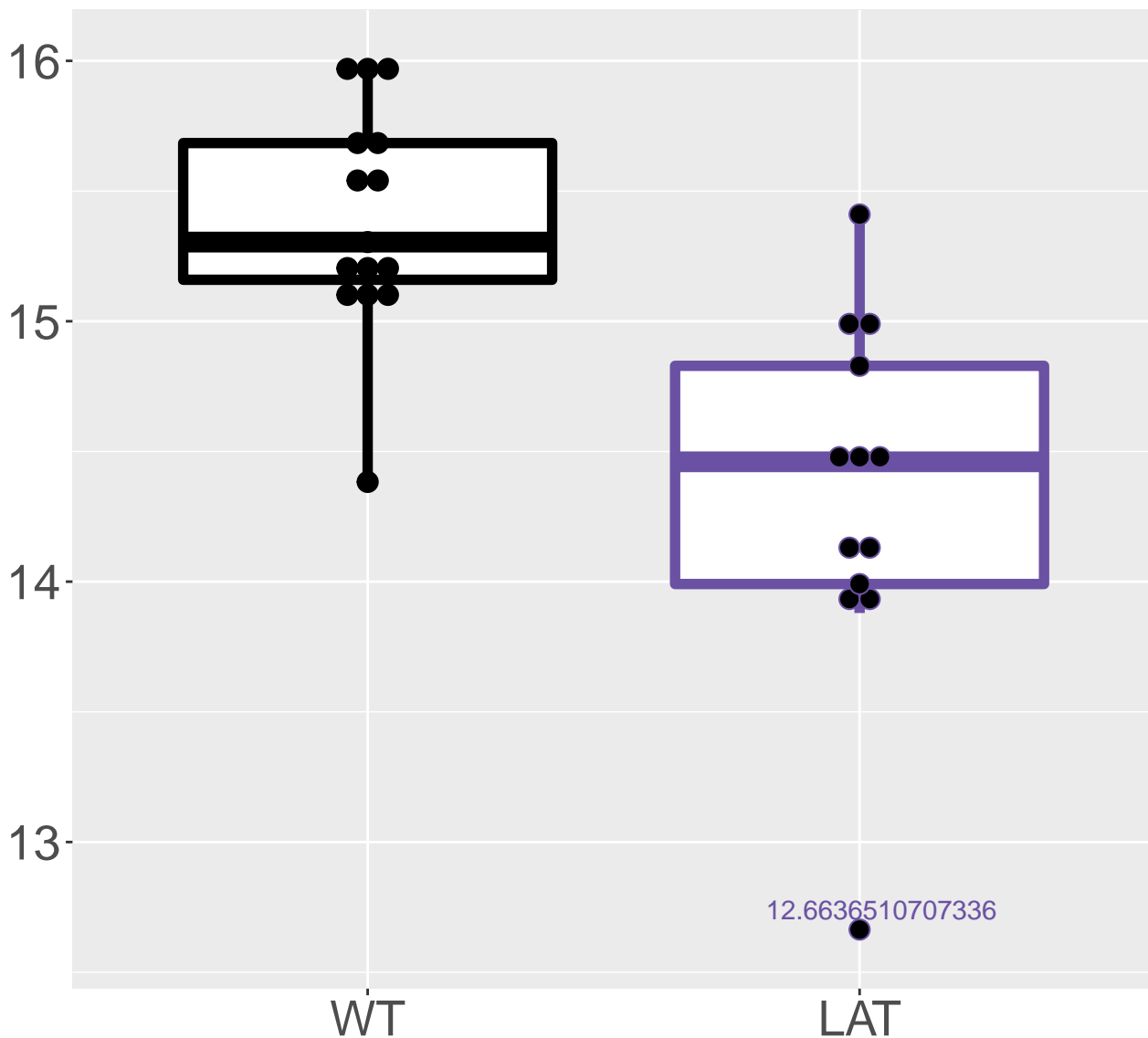


M273.1096T392.08
FDR = 0.00037, FC = 2.5



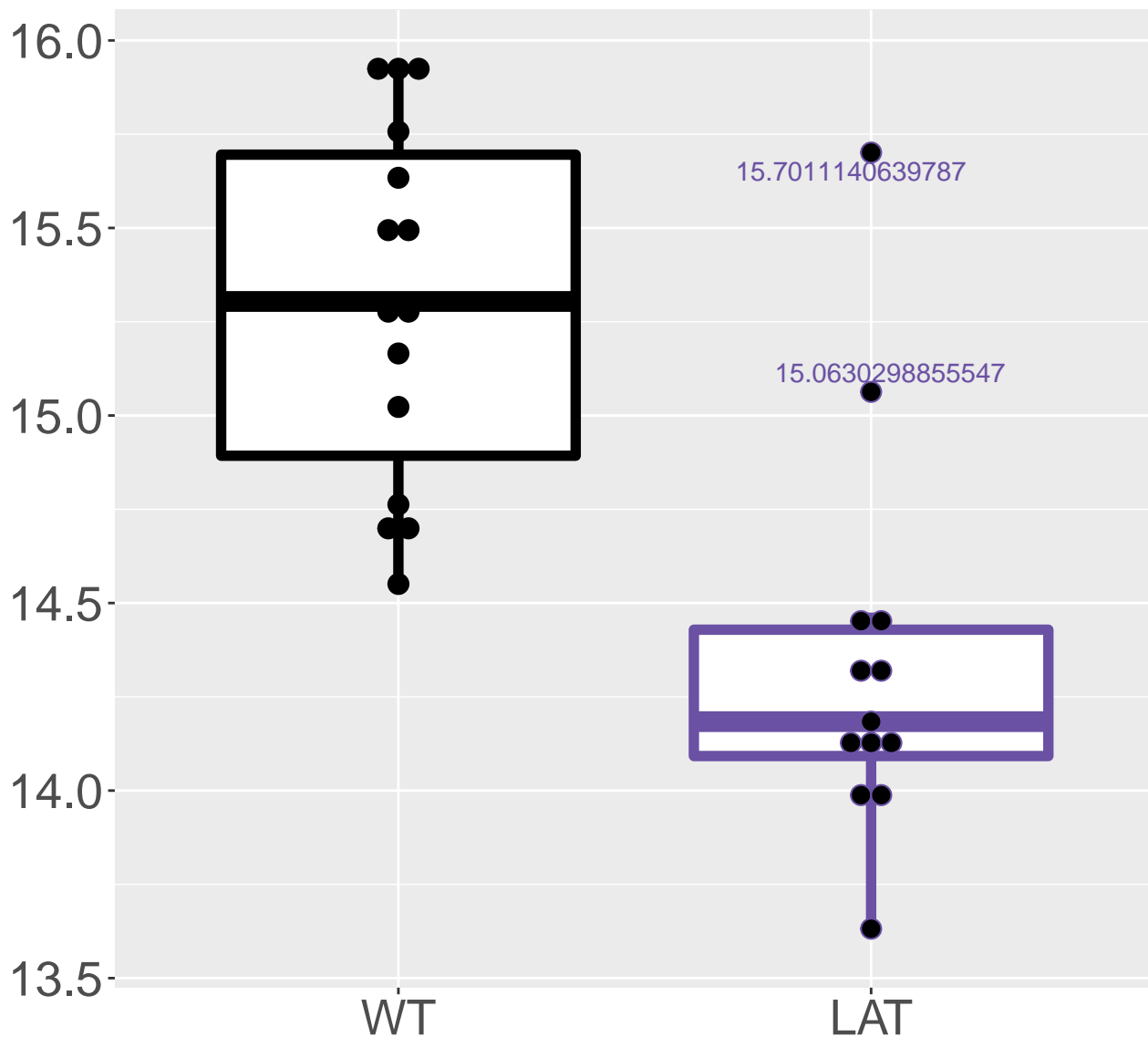
M882.2613T619.36

FDR = 0.00037, FC = -1.1



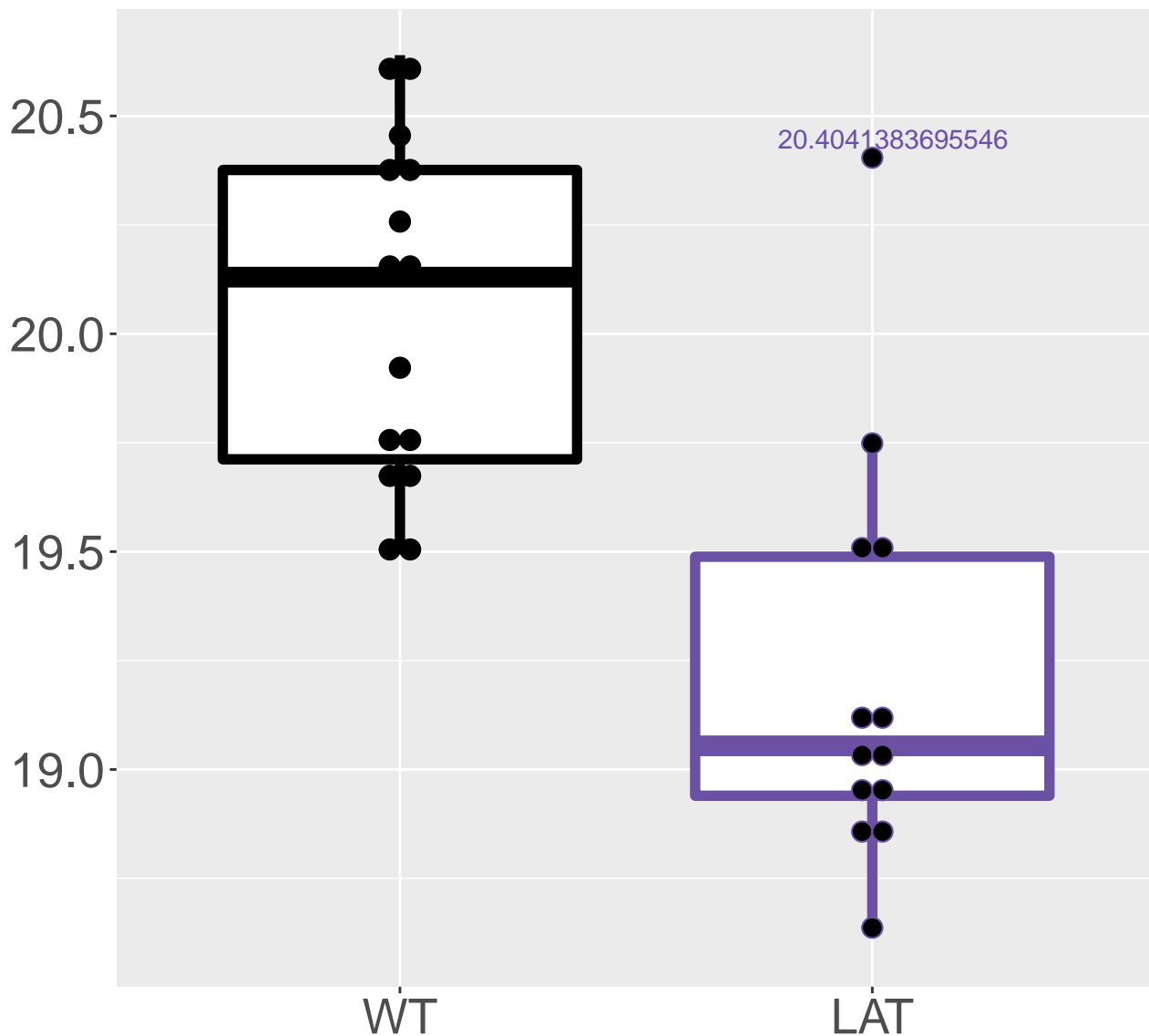
M495.6617T639.62

FDR = 0.00038, FC = -0.96



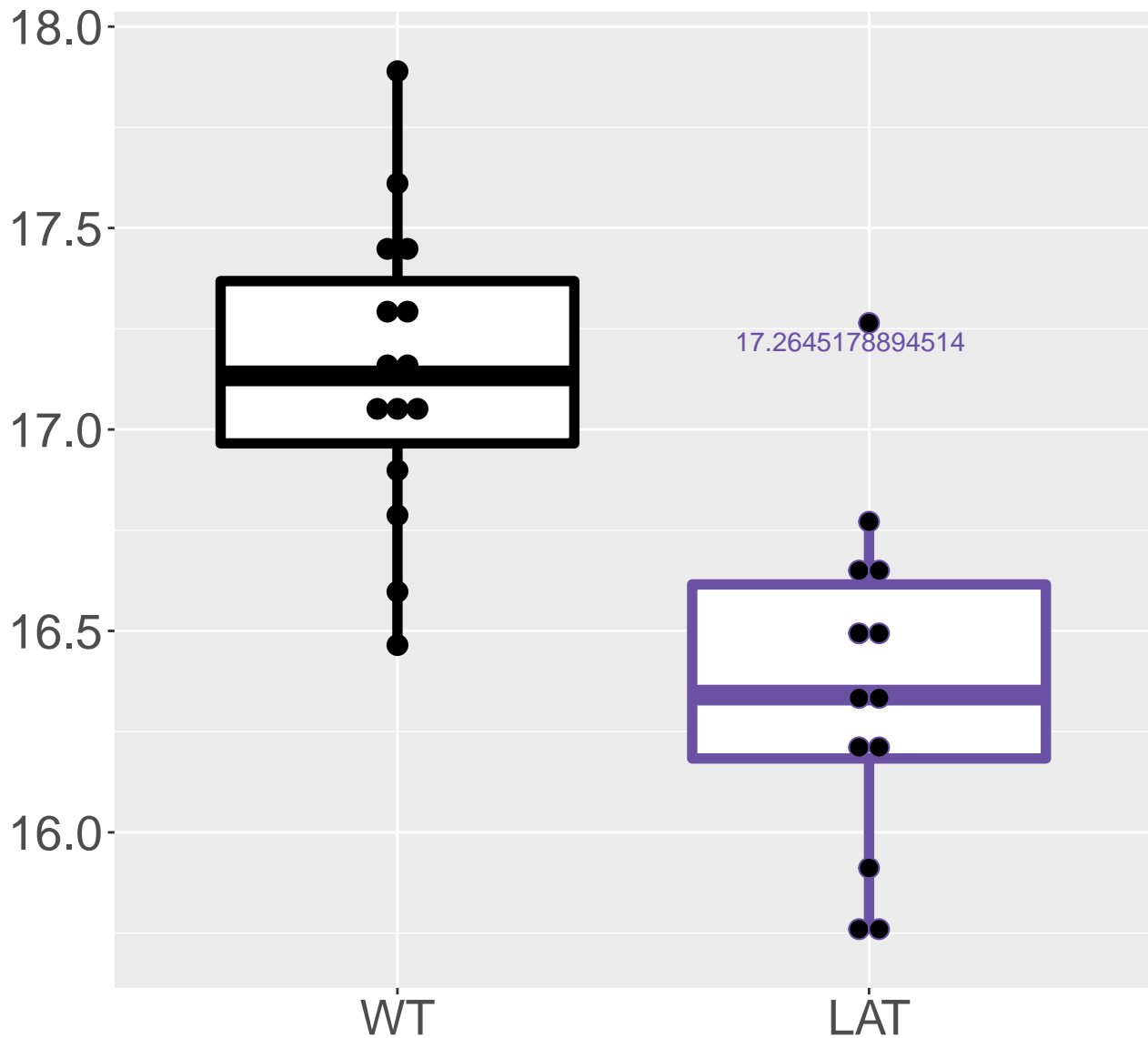
M575.1836T649.76

FDR = 0.00038, FC = -0.84



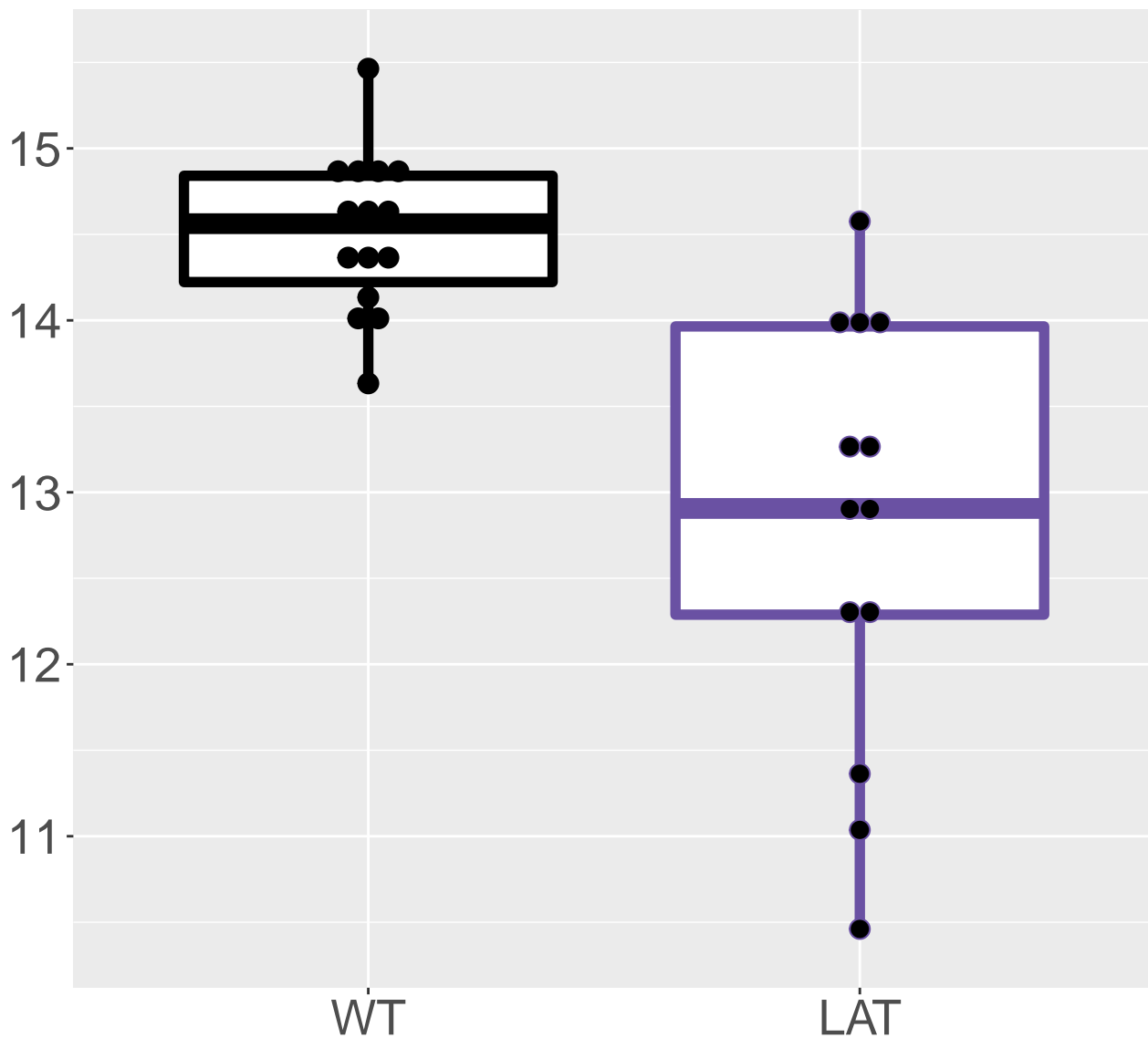
M550.1713T578.03

FDR = $4e-04$, FC = -0.77

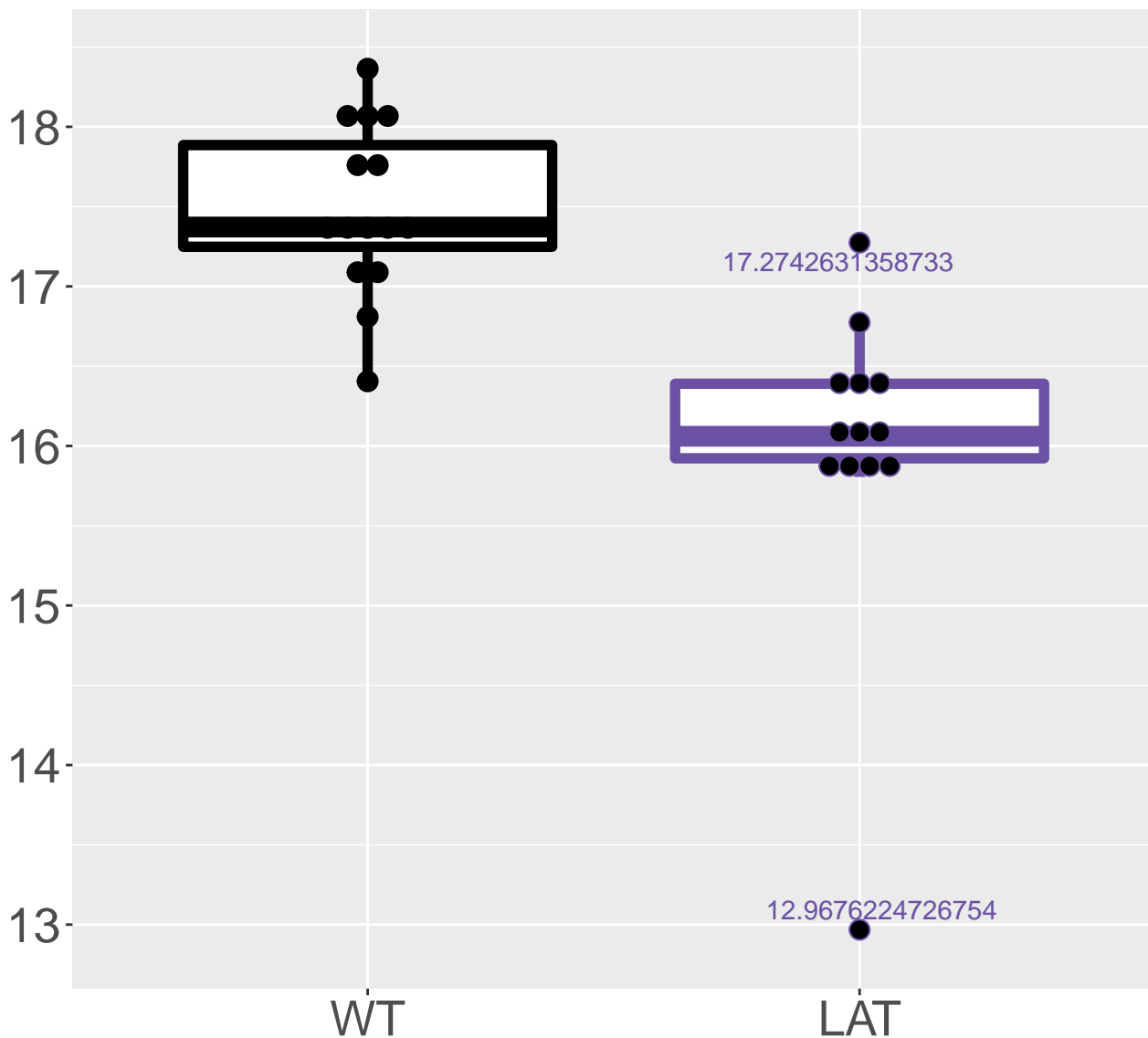


M810.7407T589.23

FDR = 4e-04, FC = -1.7

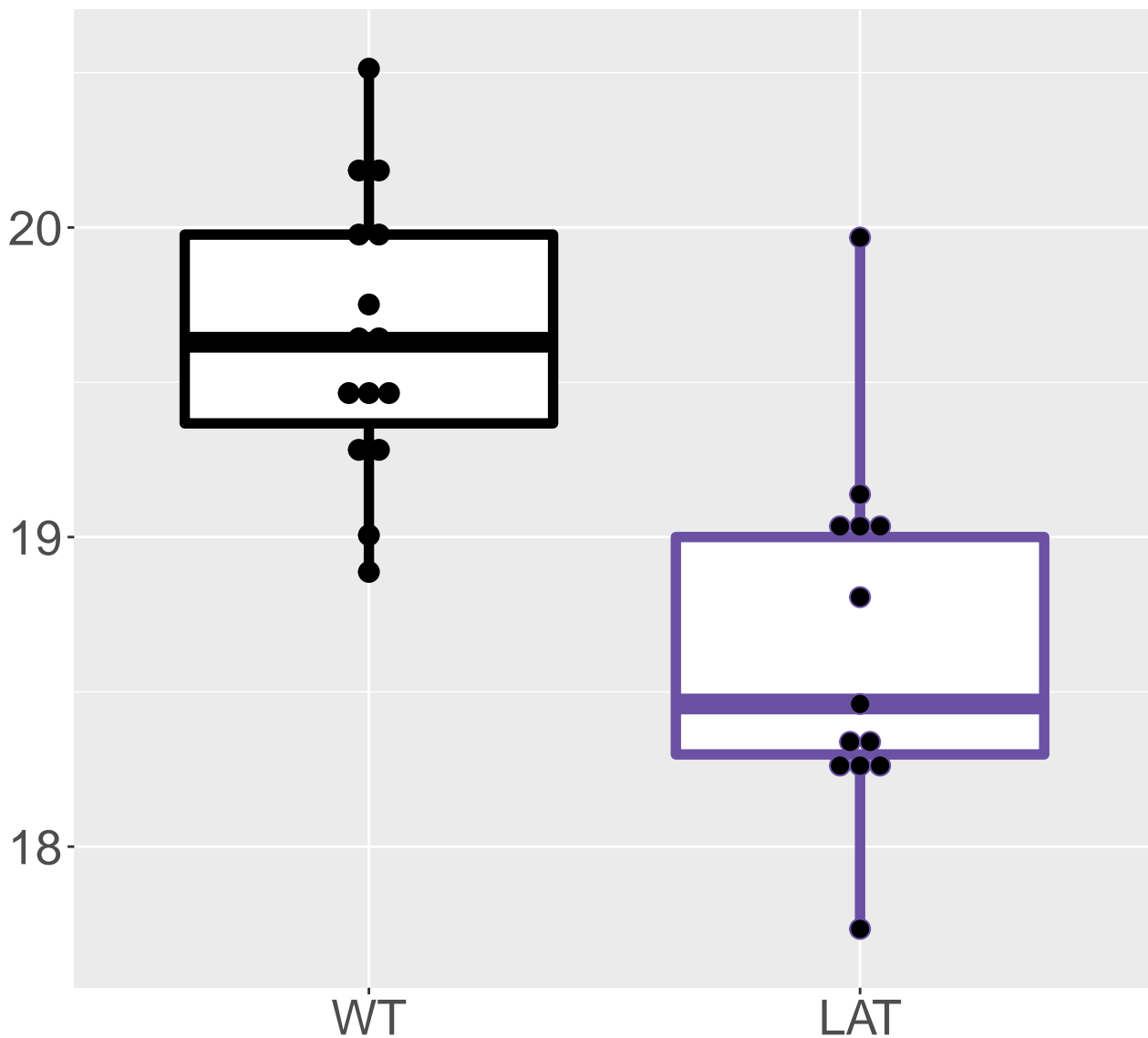


M411.1626T323.96
FDR = 4e-04, FC = -1.5



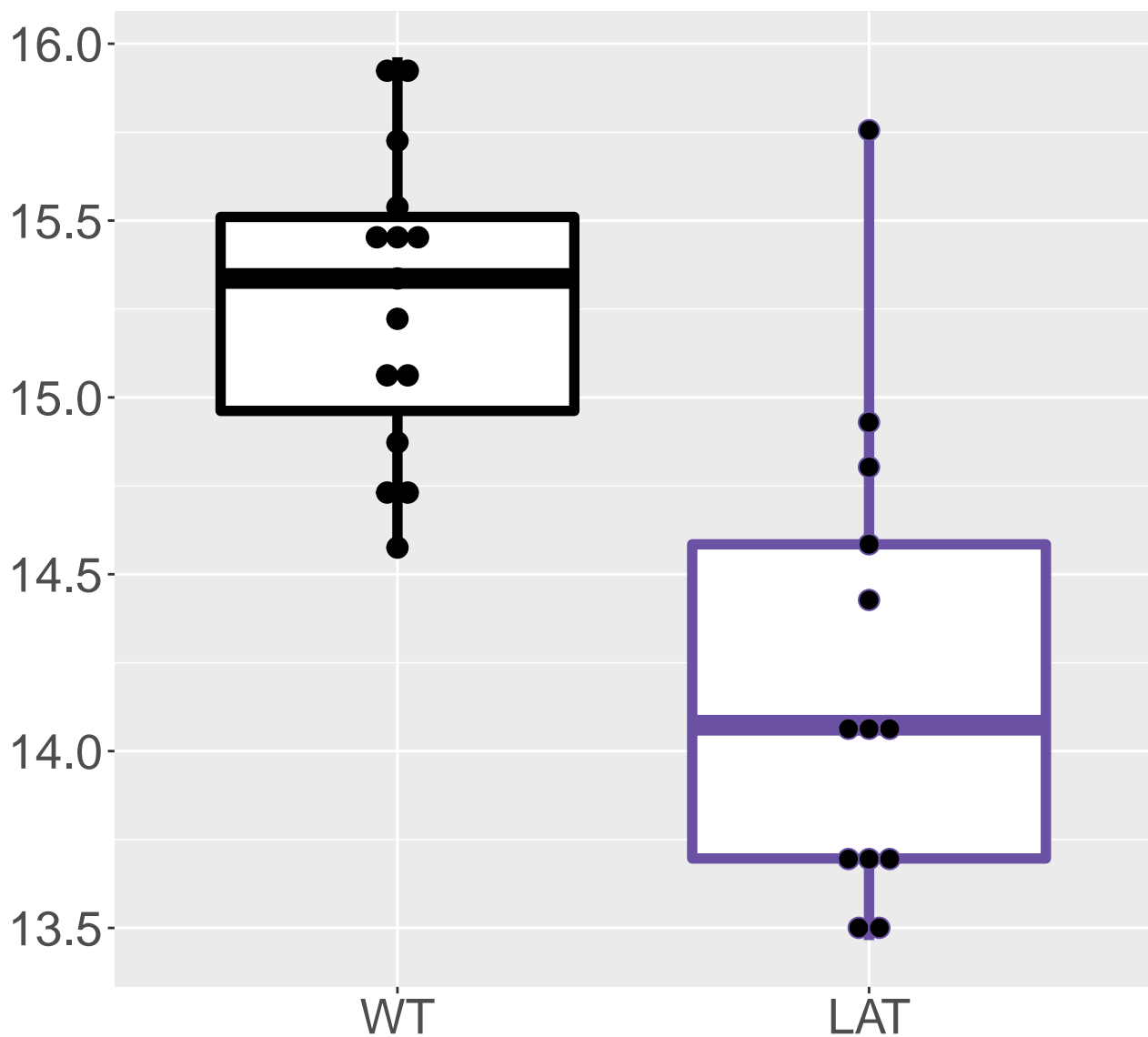
M565.1823T577.86

FDR = $4e-04$, FC = -0.98



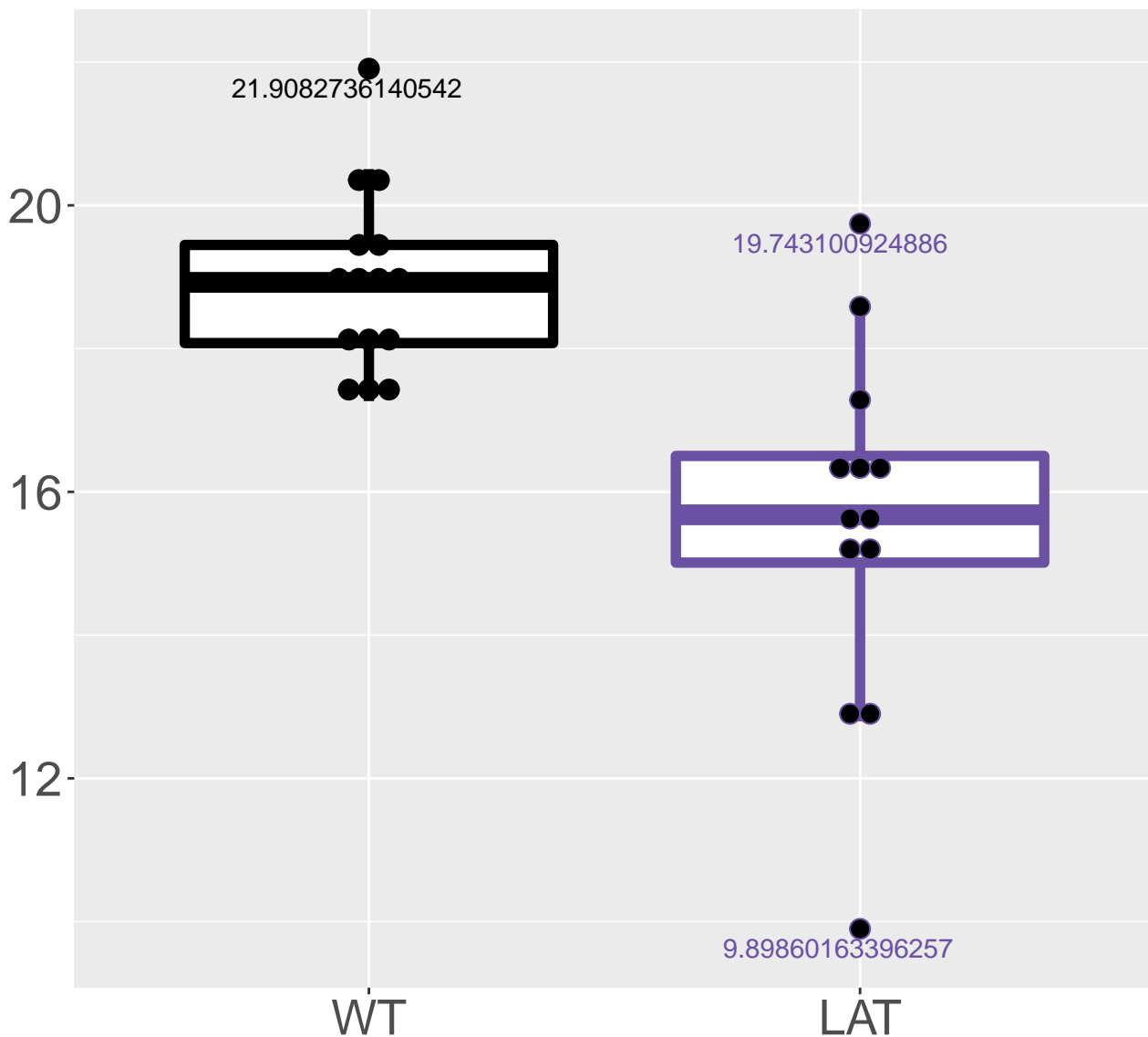
M657.7141T660.39

FDR = $4e-04$, FC = -1.1

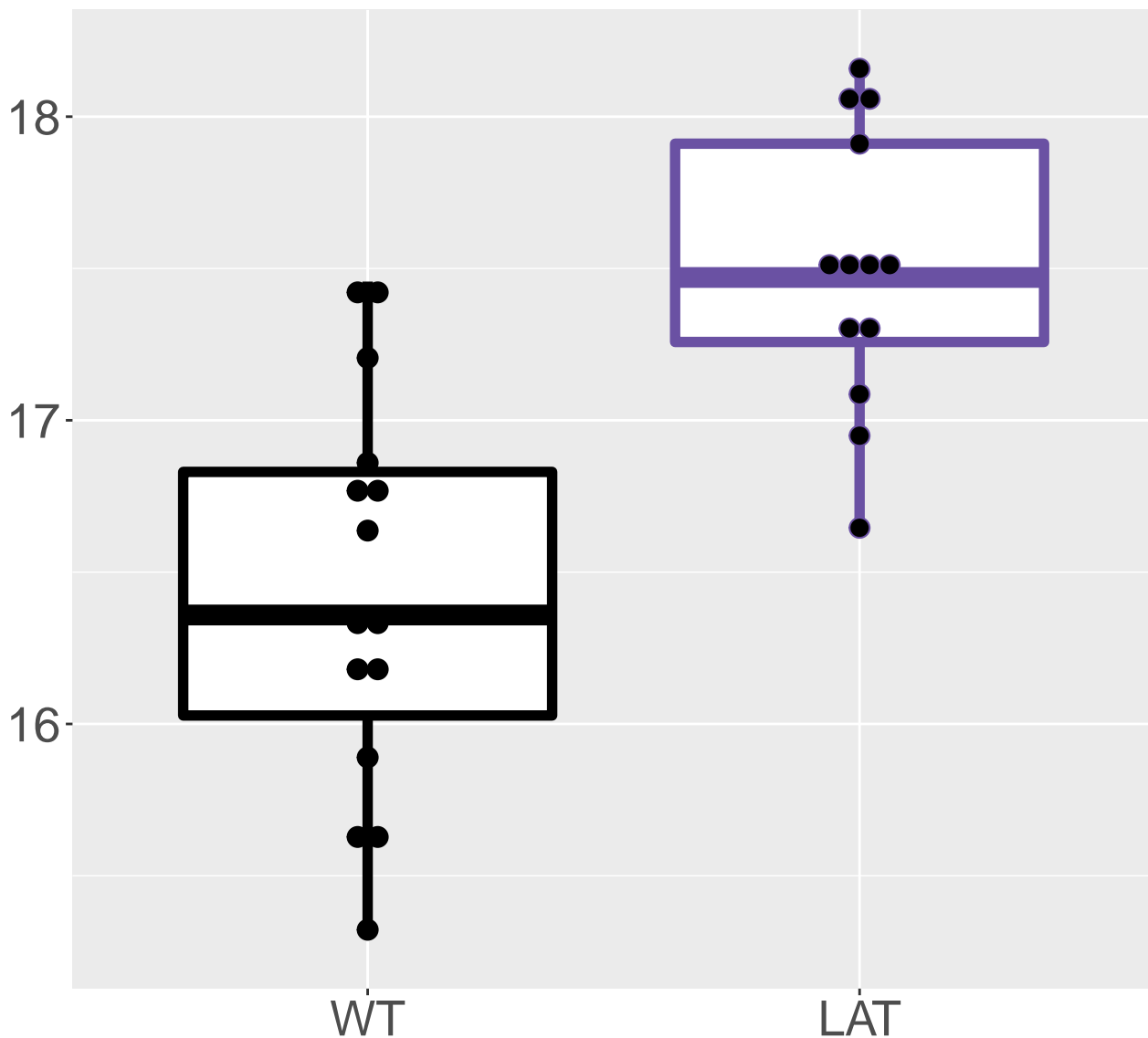


M177.0769T131.45

FDR = 0.00041, FC = -3.4

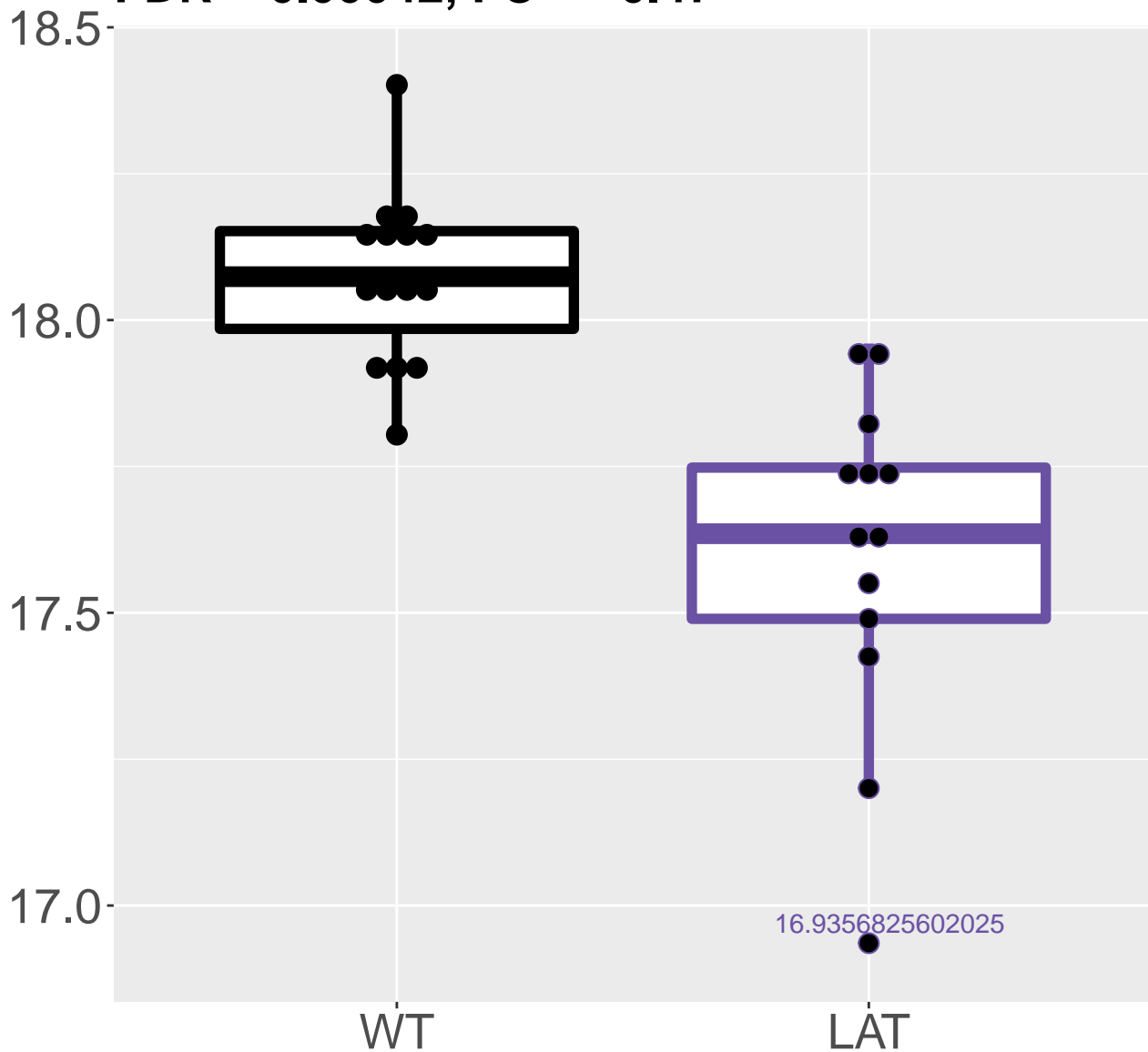


M196.0286T338.6
FDR = 0.00041, FC = 1.1



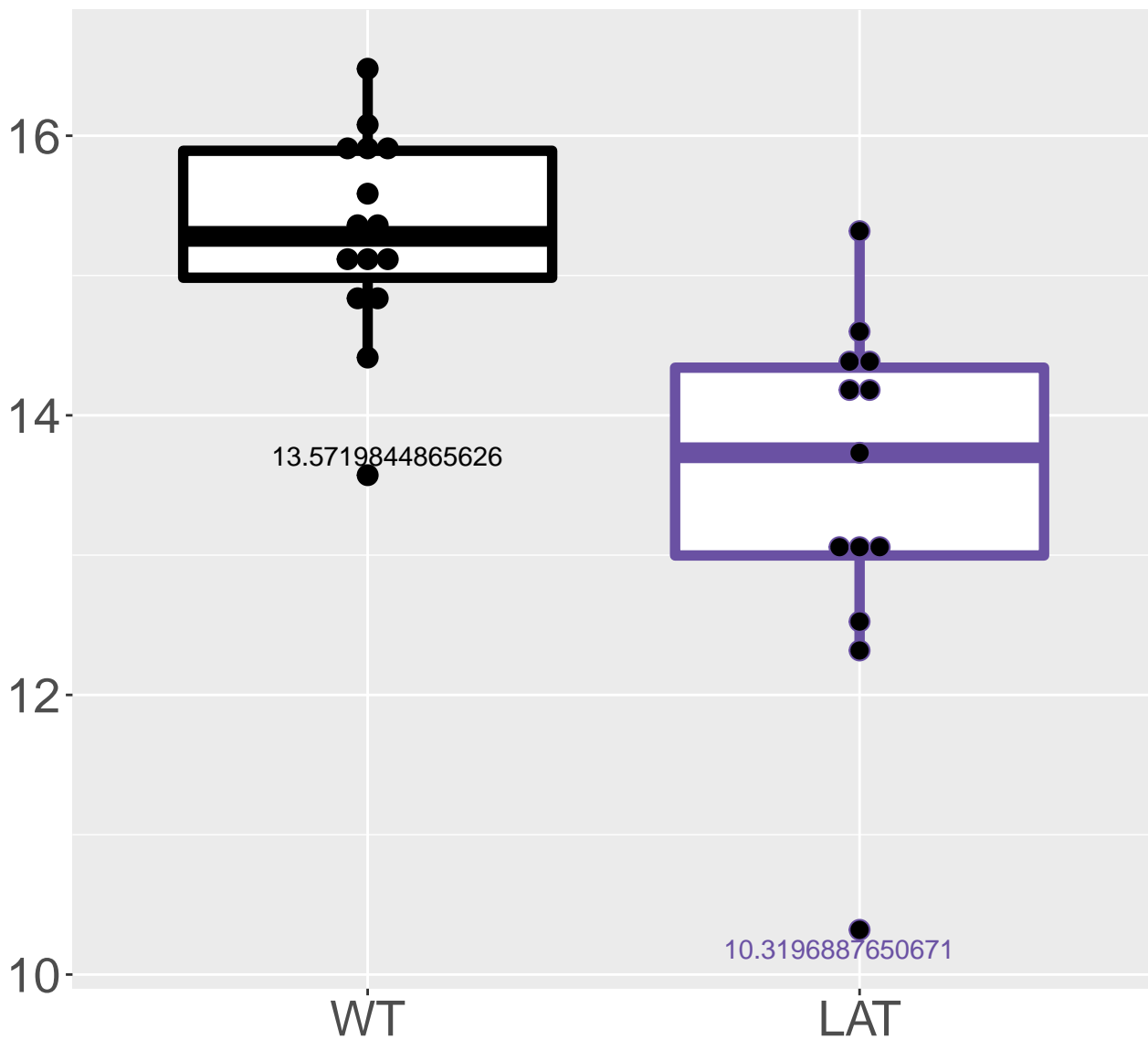
M118.076T303

FDR = 0.00042, FC = -0.47



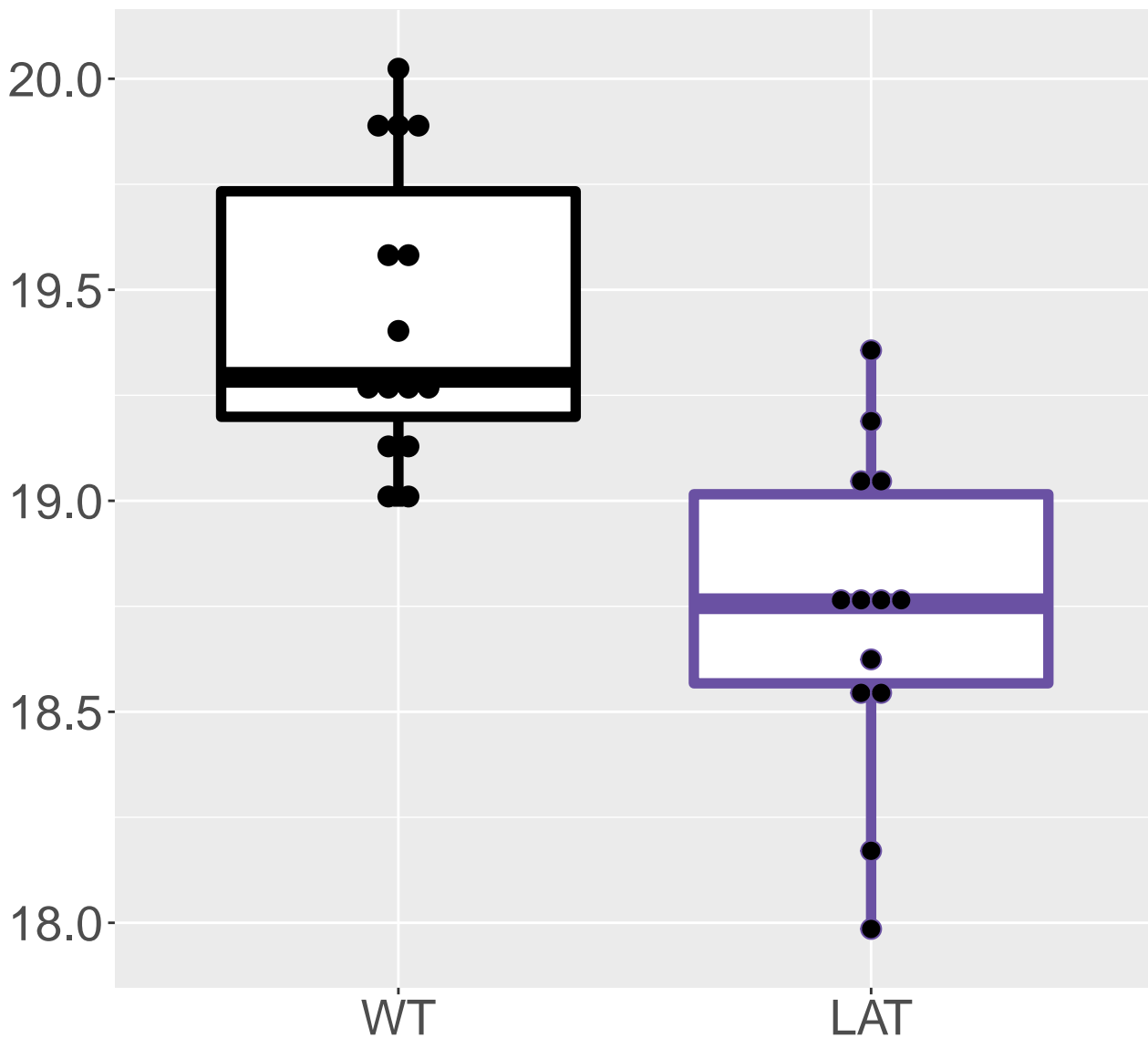
M294.0831T294.54

FDR = 0.00042, FC = -1.8



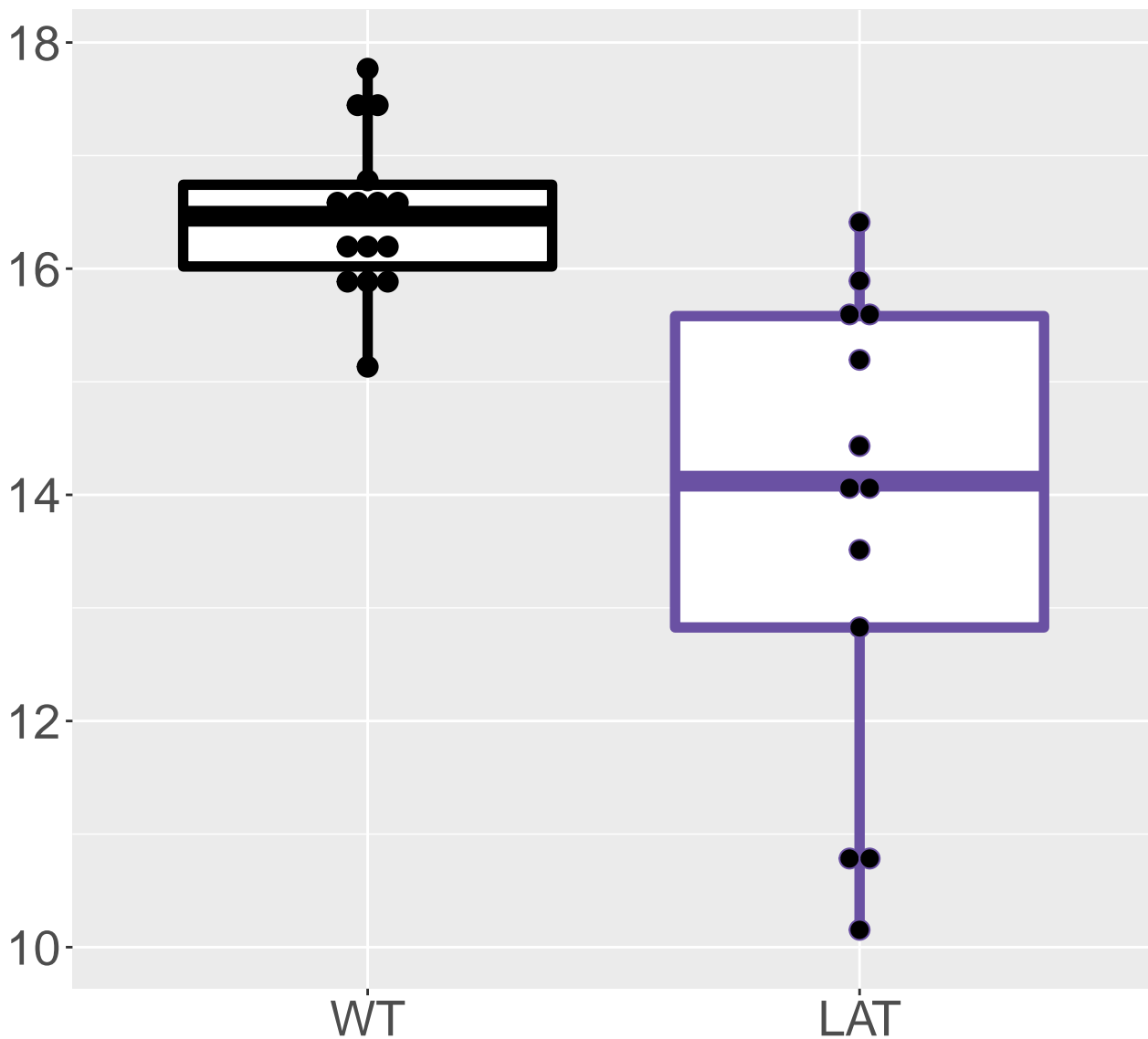
M255.0892T157.55

FDR = 0.00042, FC = -0.7



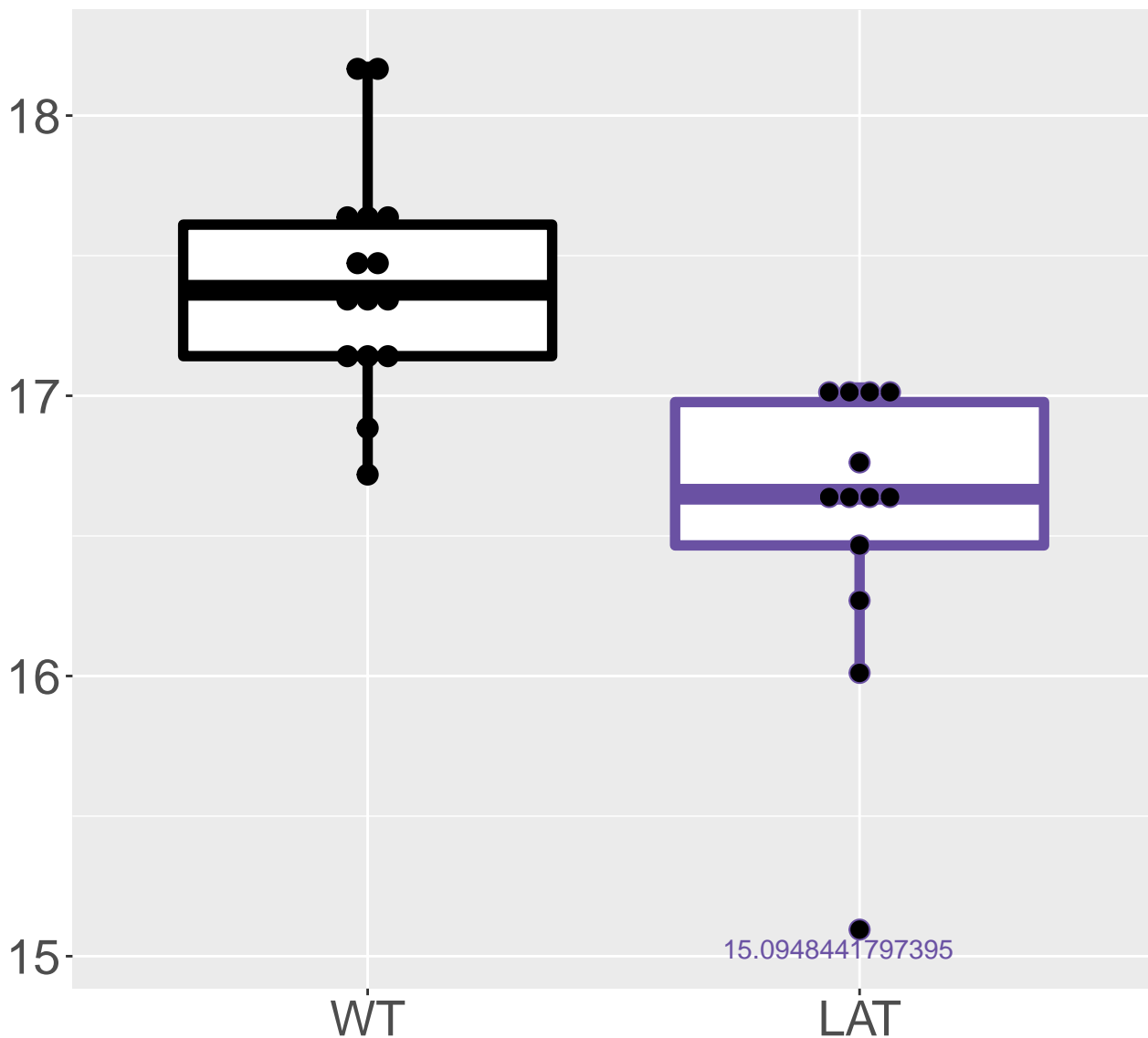
M276.0992T173.39

FDR = 0.00044, FC = -2.7



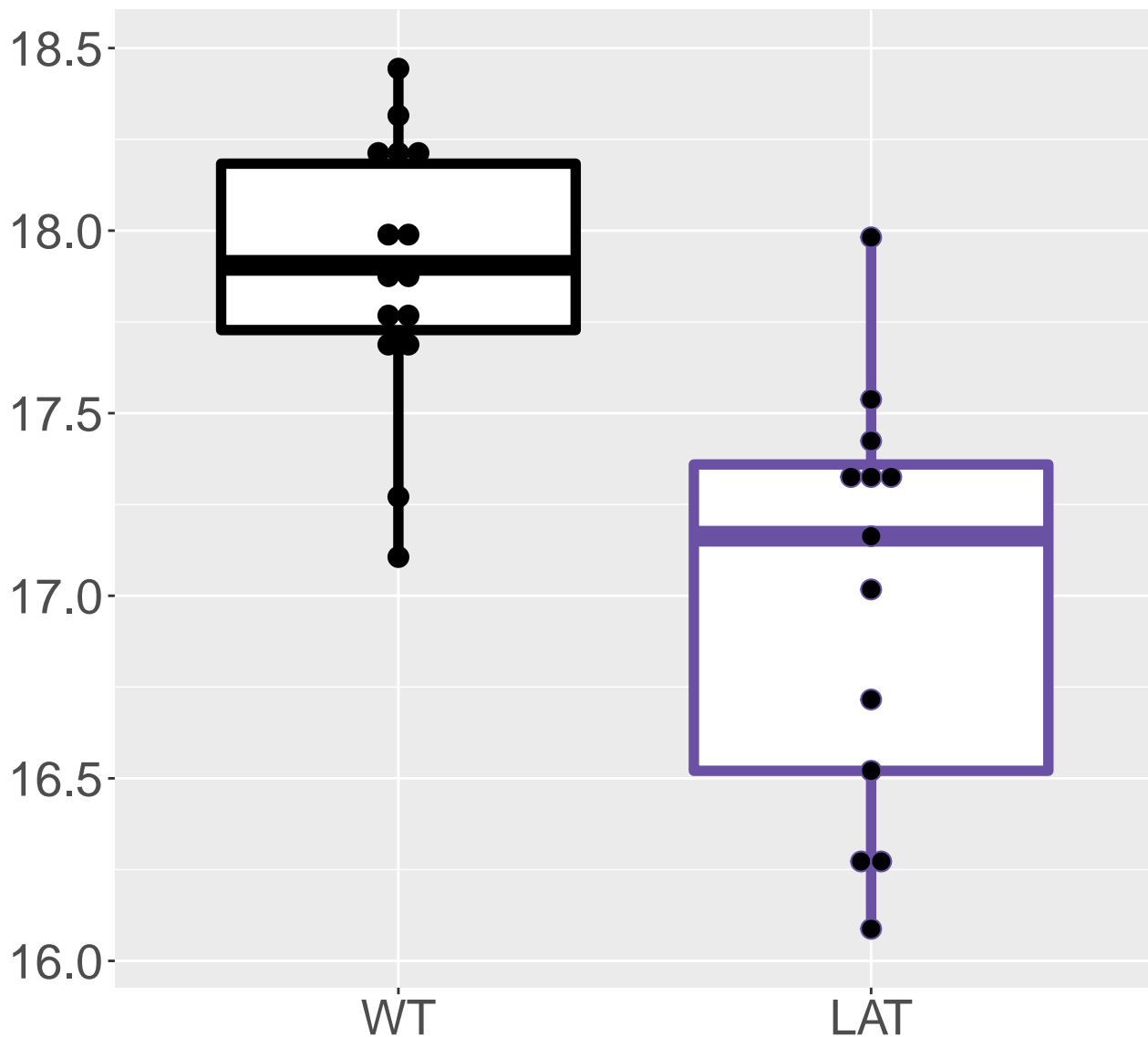
M581.4578T77.87

FDR = 0.00044, FC = -0.86

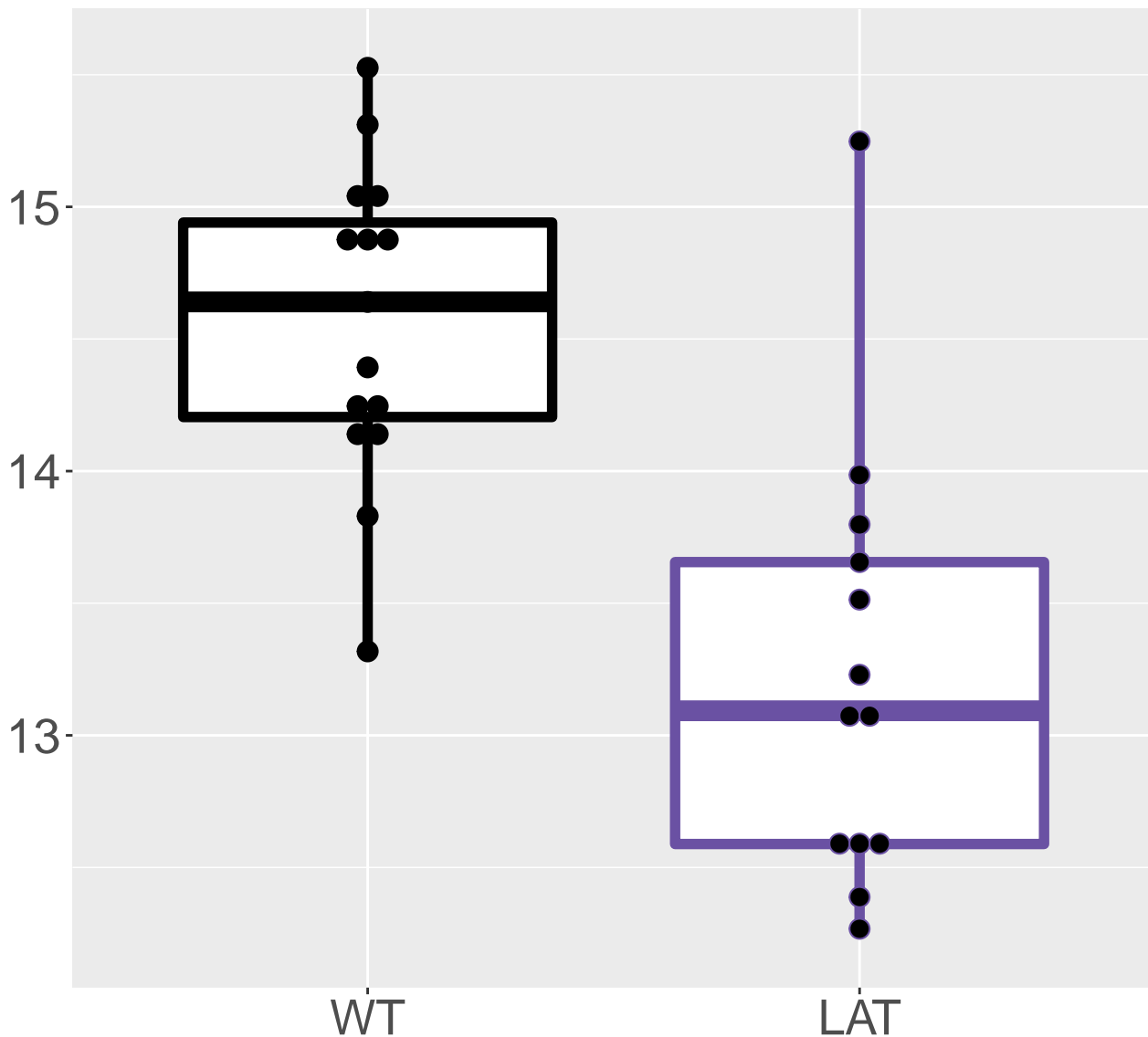


M714.1997T602.17

FDR = 0.00044, FC = -0.9

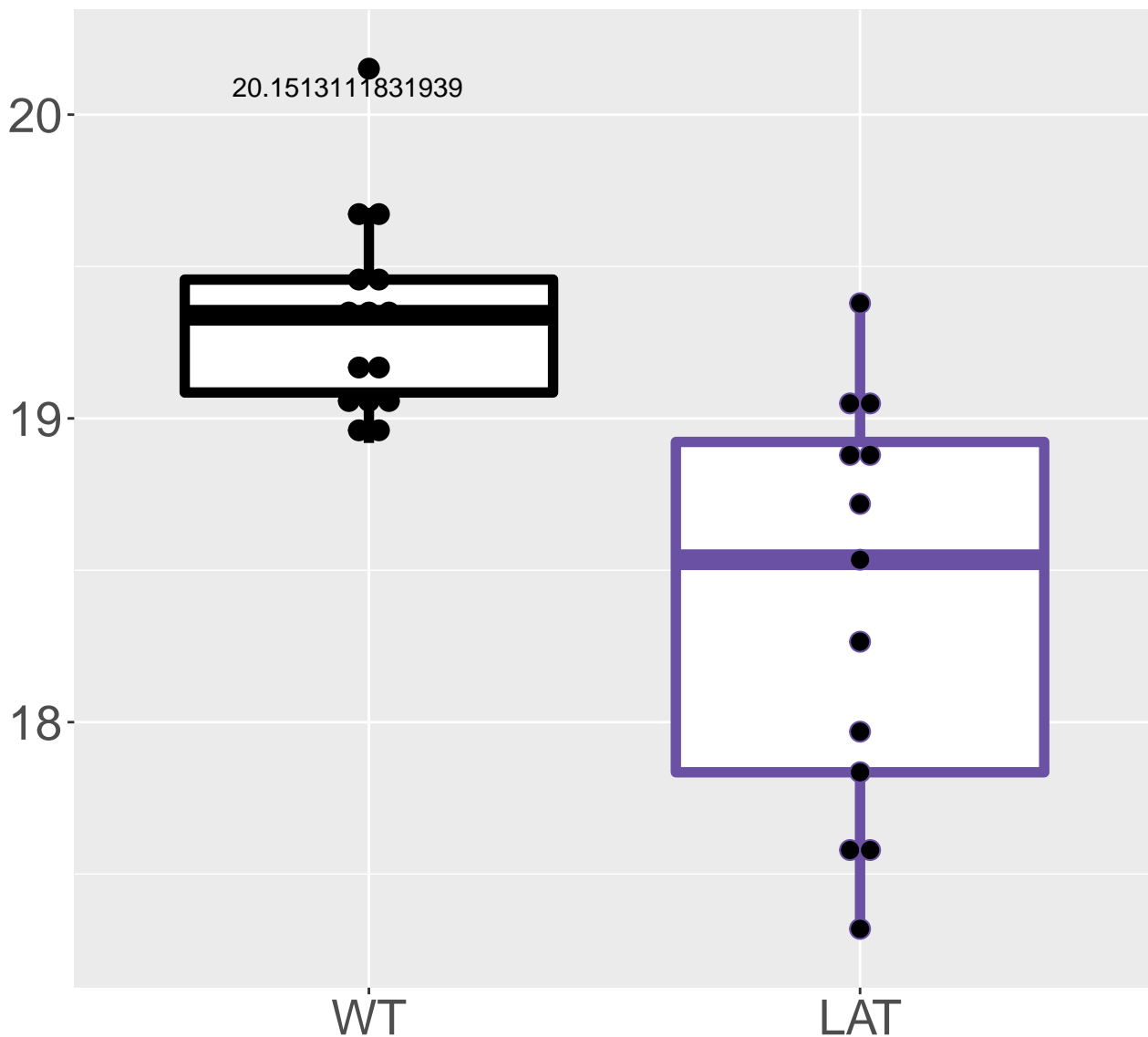


M767.7442T668.42_1
FDR = 0.00044, FC = -1.3



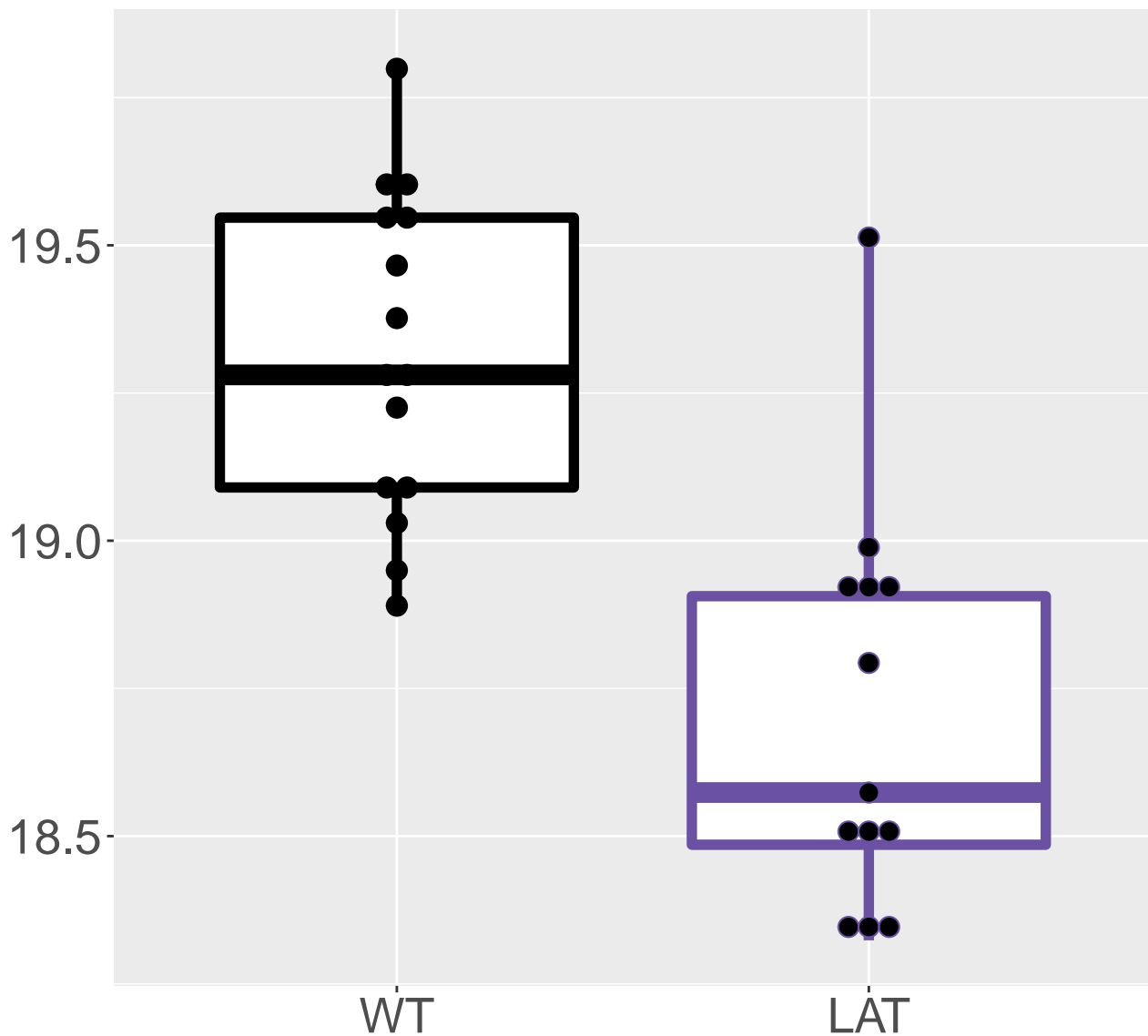
M631.4738T76.96

FDR = 0.00045, FC = -0.94



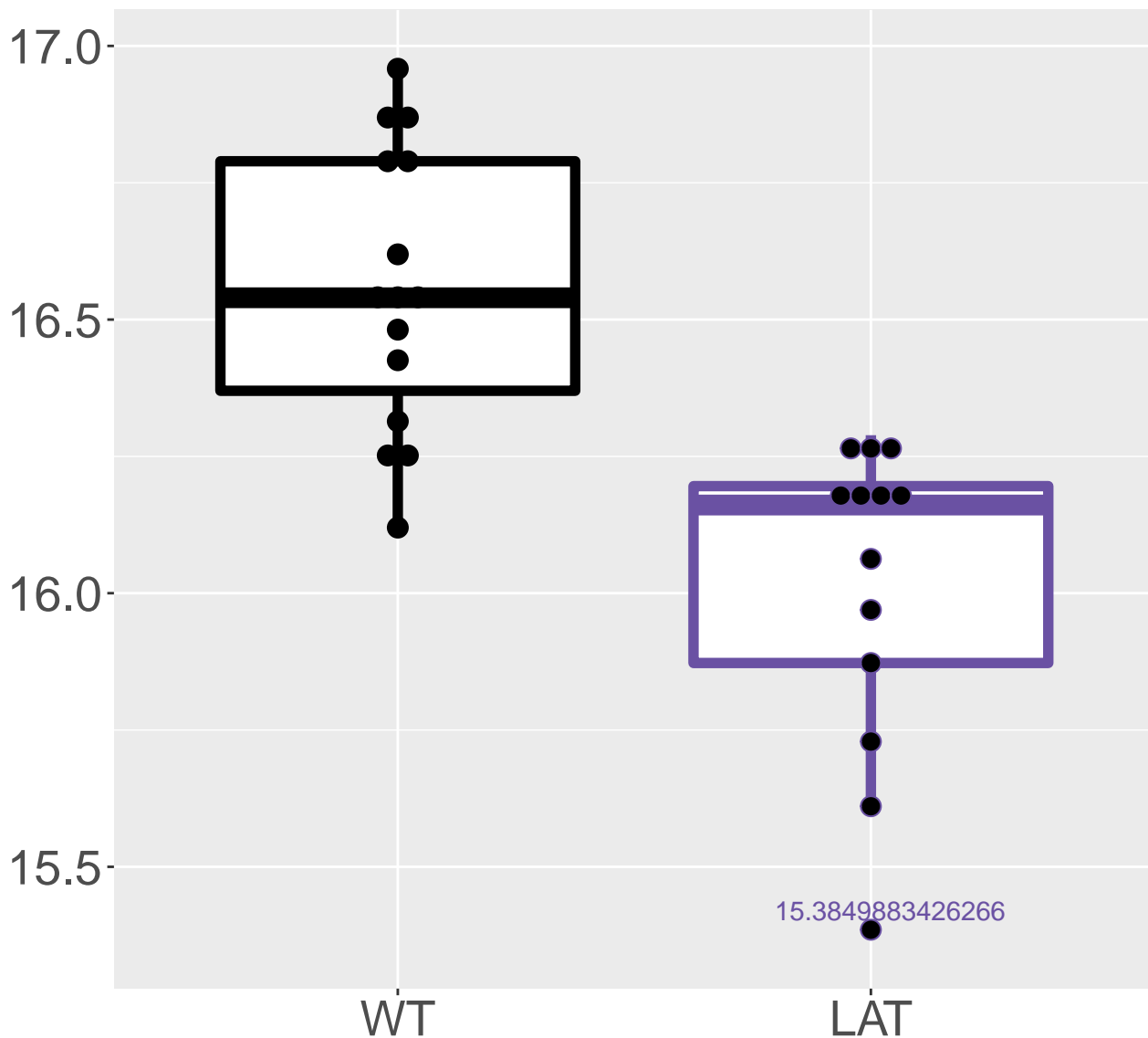
M426.1344T578.03

FDR = 0.00046, FC = -0.61



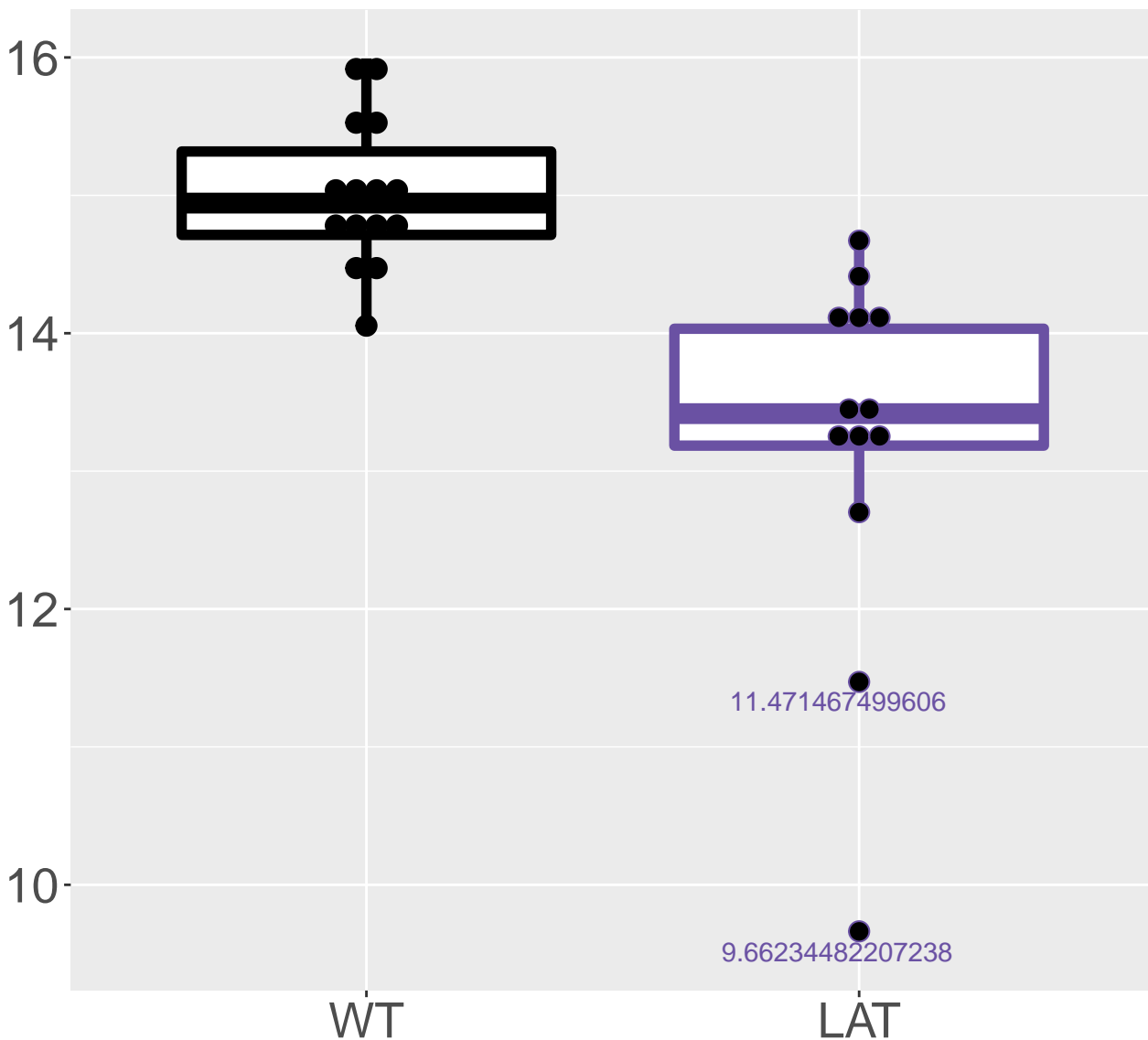
M162.0561T180.42

FDR = 0.00046, FC = -0.55



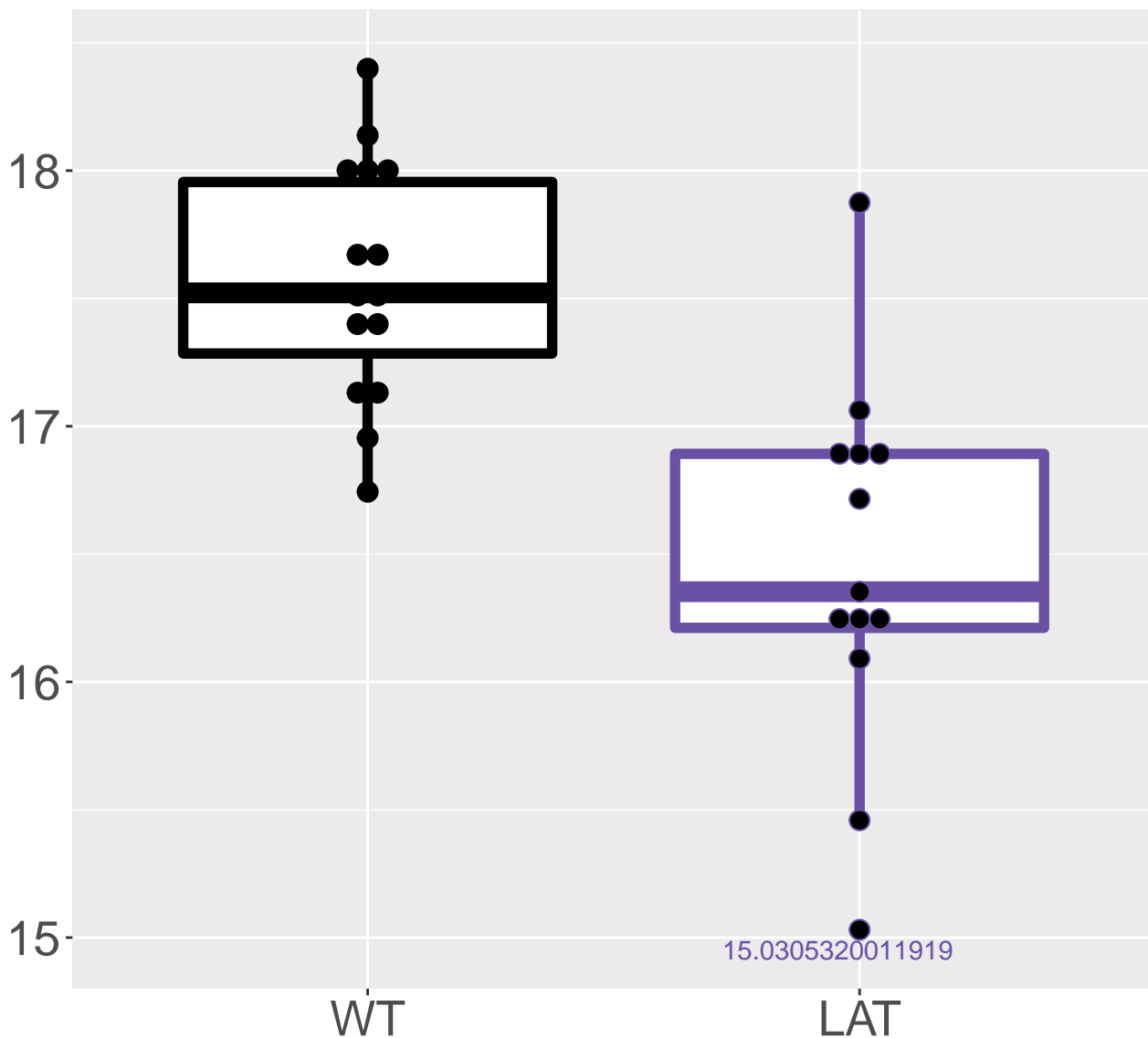
M441.0923T400.18

FDR = 0.00046, FC = -1.8



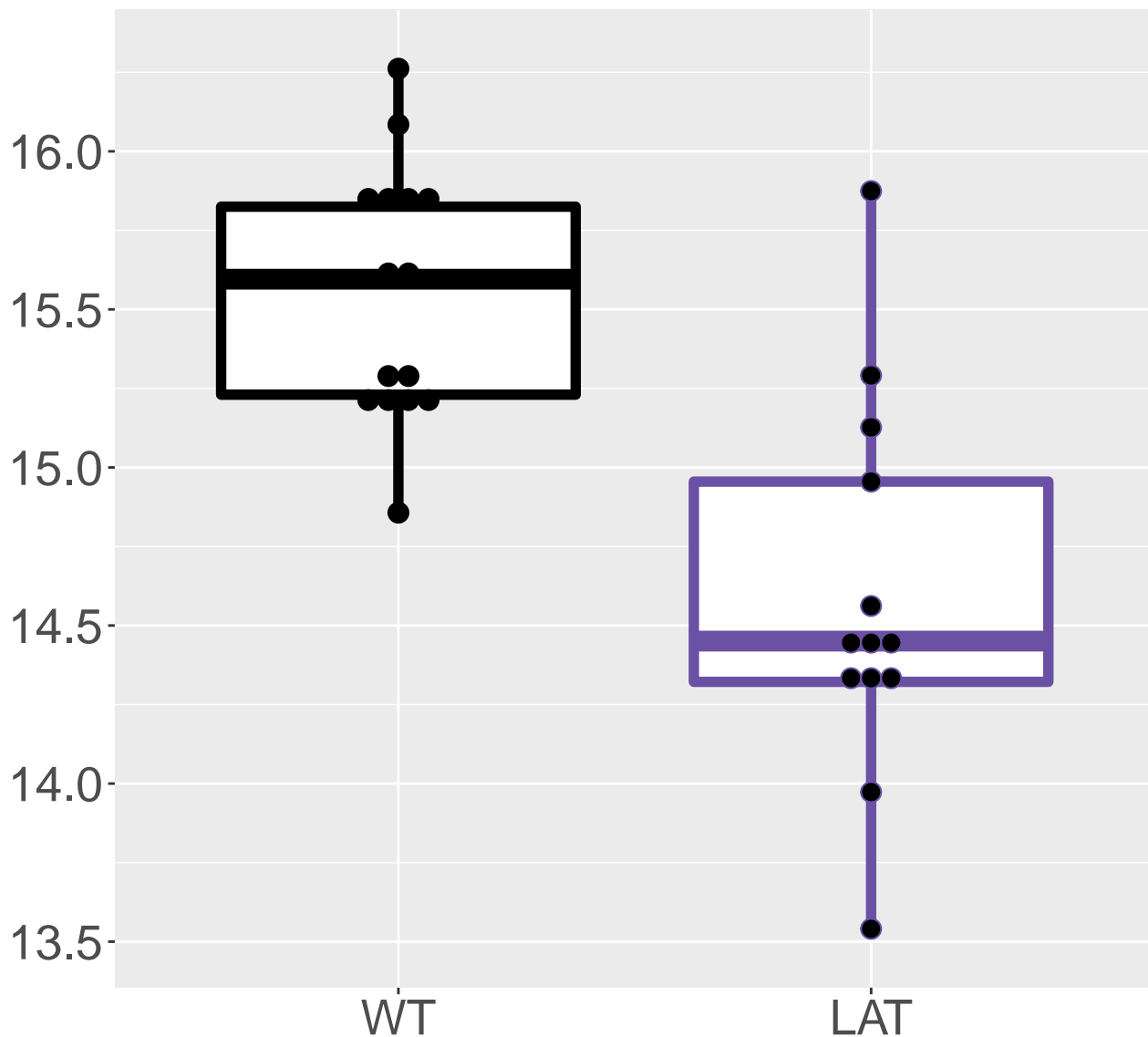
M566.1833T577.74_2

FDR = 0.00047, FC = -1.1



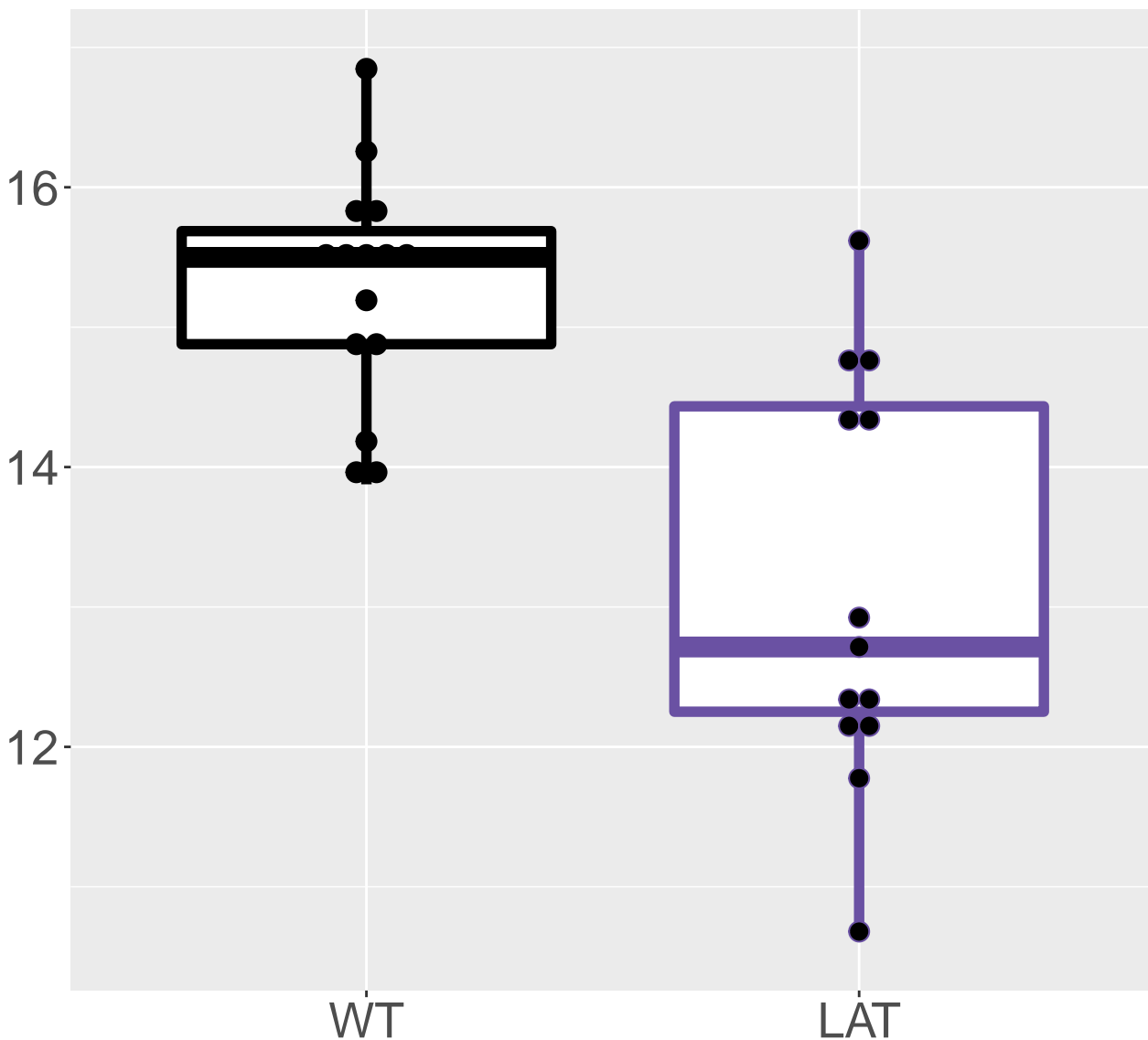
M576.6878T649.91

FDR = 0.00047, FC = -0.96

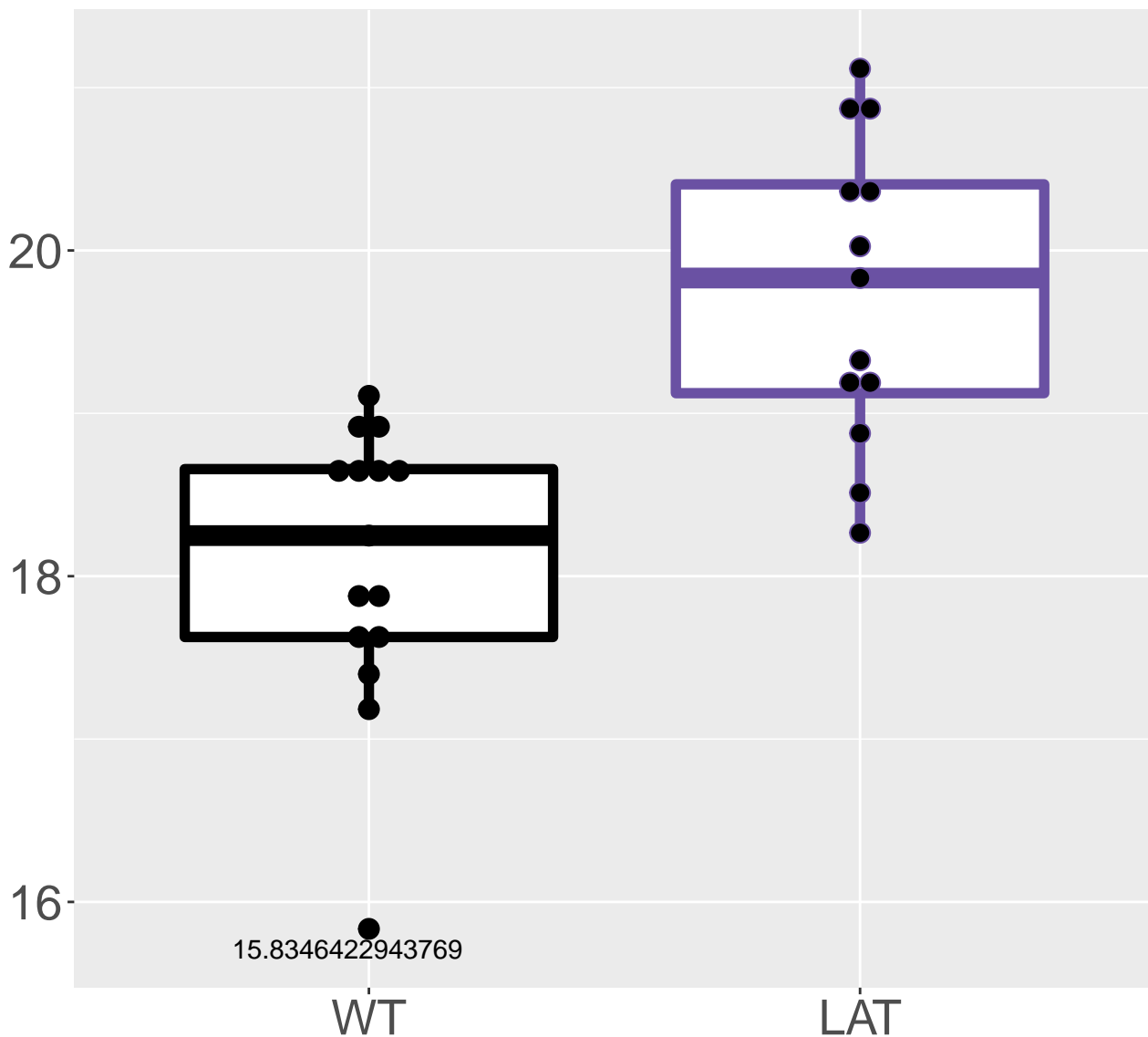


M444.1728T485.3

FDR = 0.00047, FC = -2.2

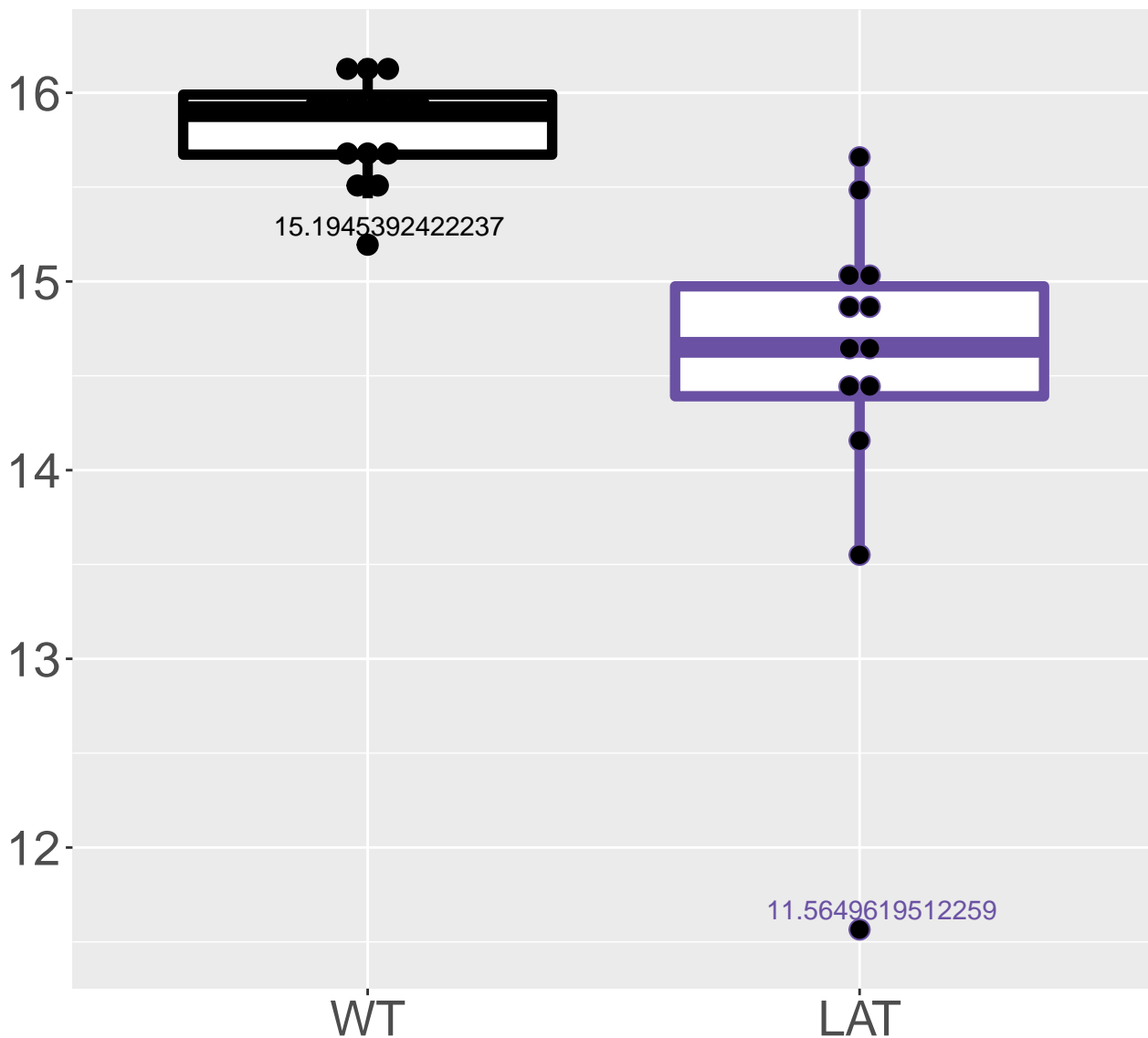


M231.0277T547.31
FDR = 0.00047, FC = 1.7



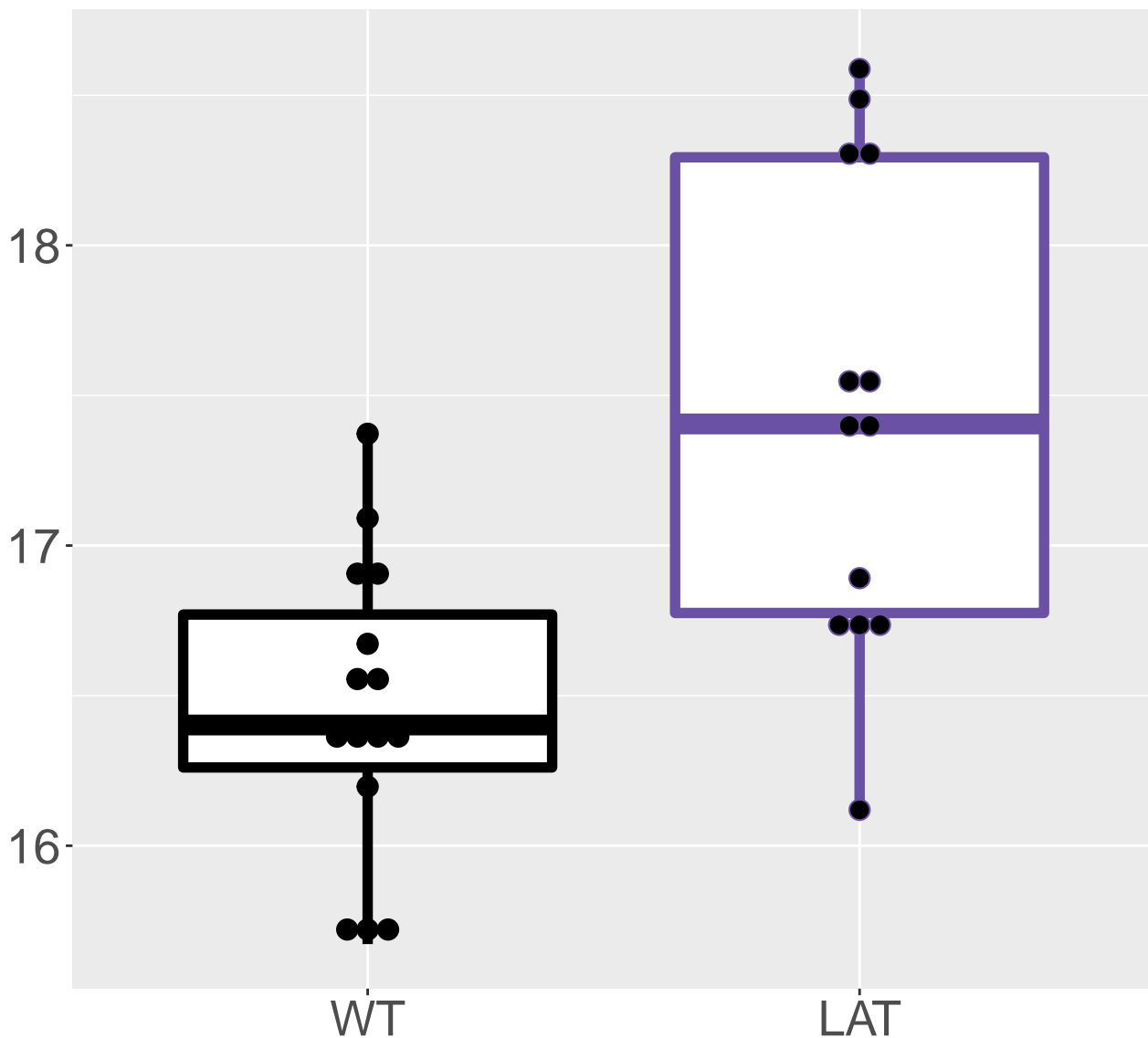
M557.6557T592.8

FDR = 0.00047, FC = -1.3



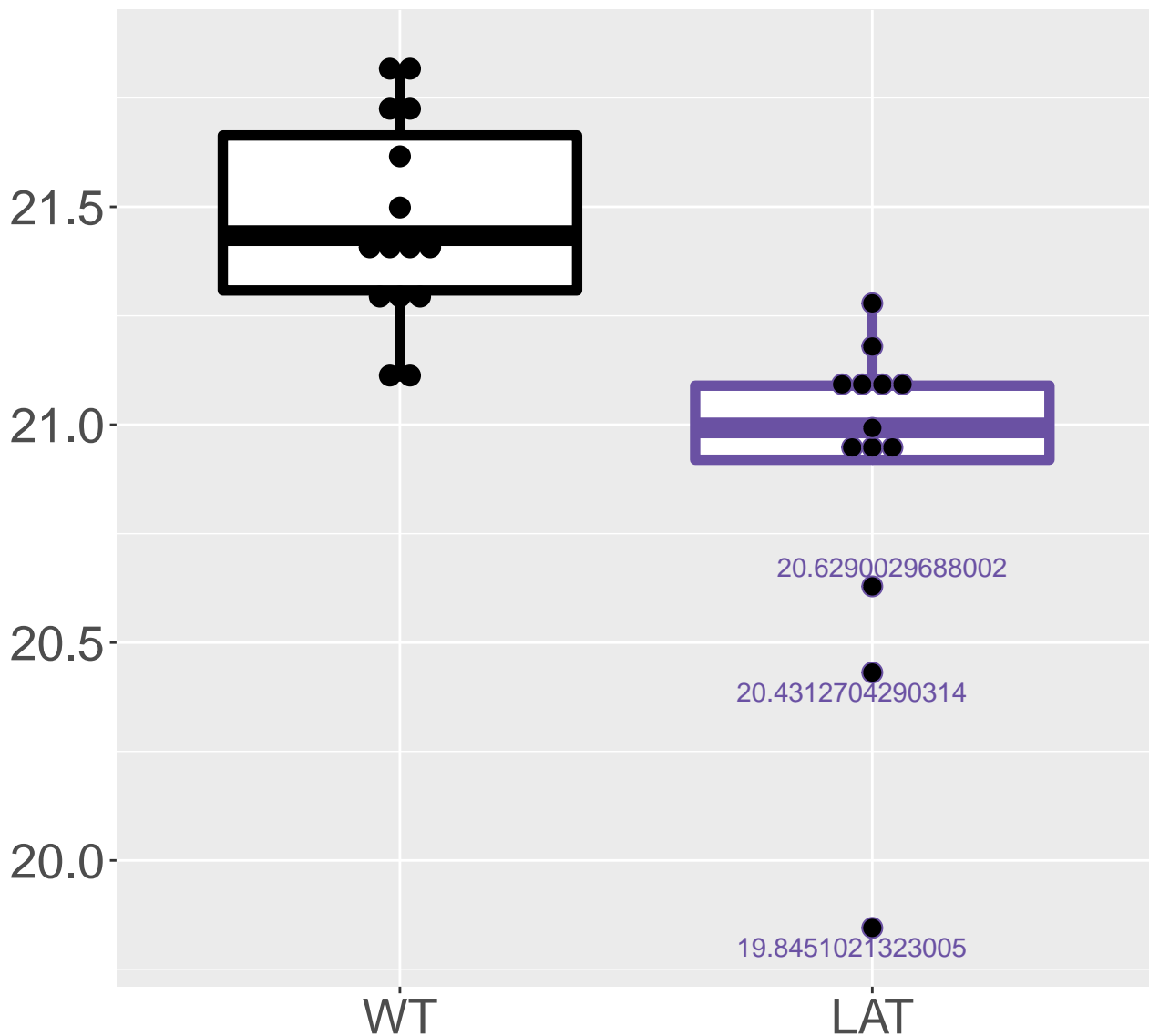
M552.9537T555.58

FDR = 0.00047, FC = 0.99, sex**



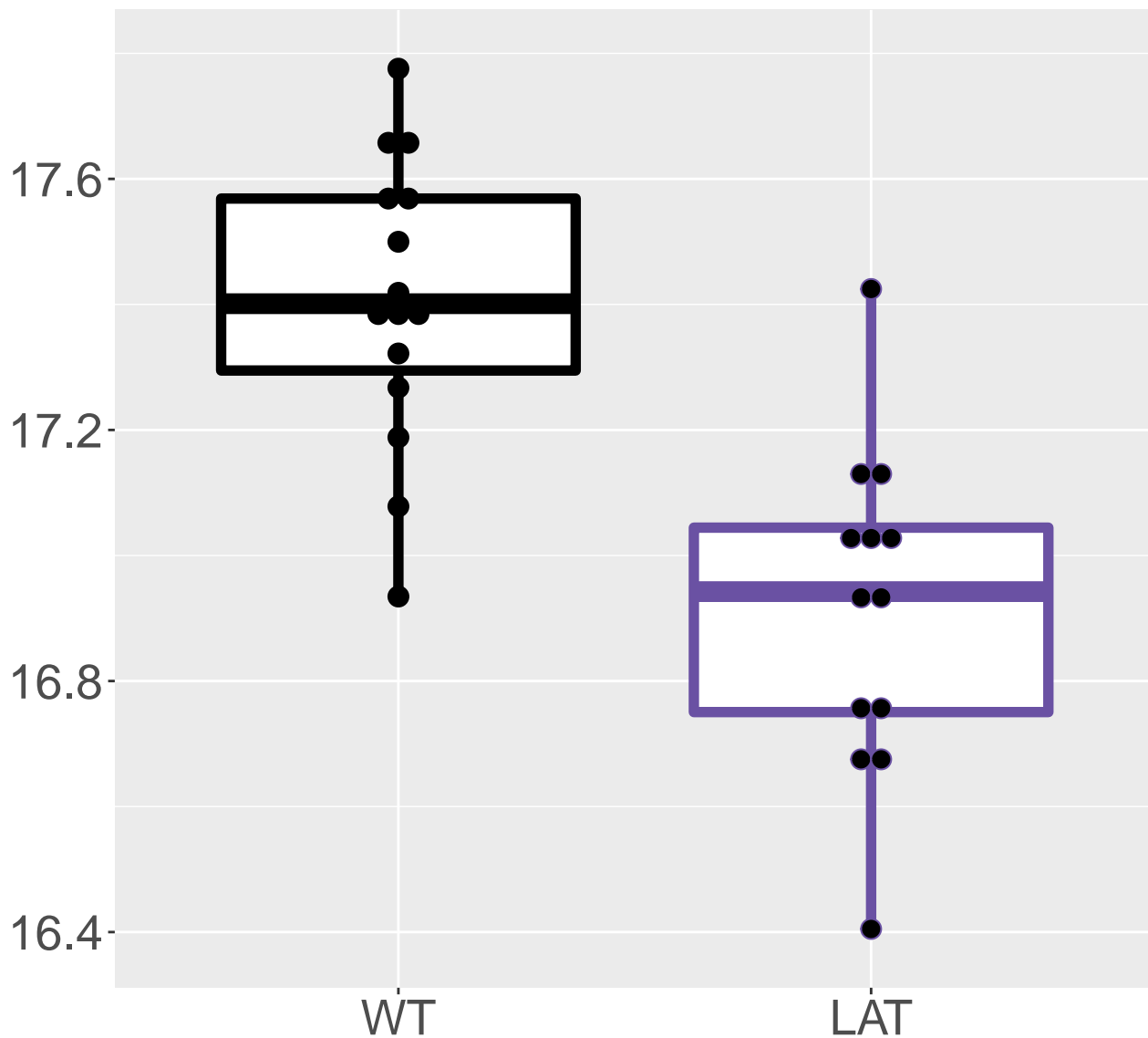
M447.1523T239.67

FDR = 0.00047, FC = -0.57



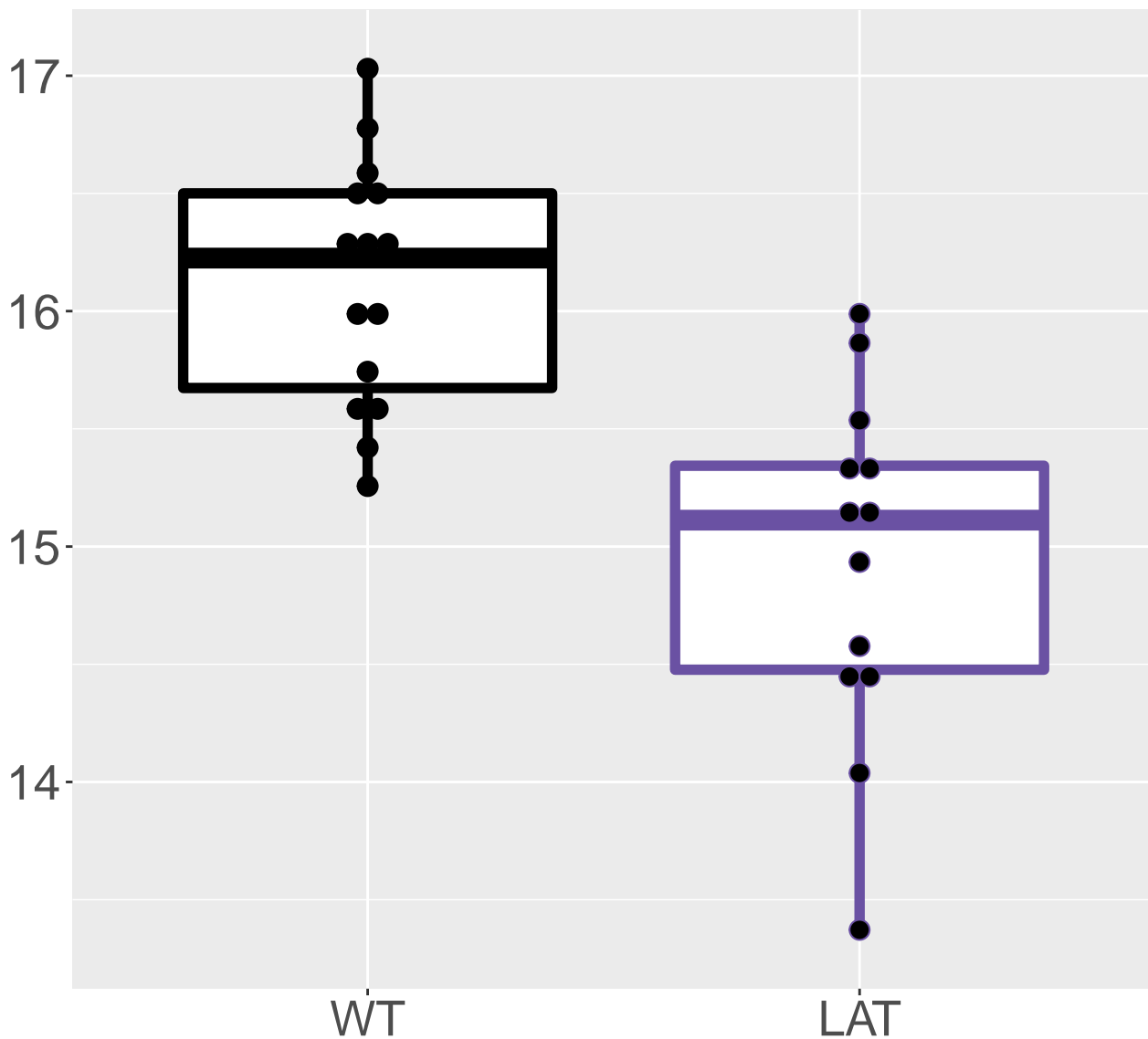
M189.0518T561.67

FDR = 0.00047, FC = -0.49



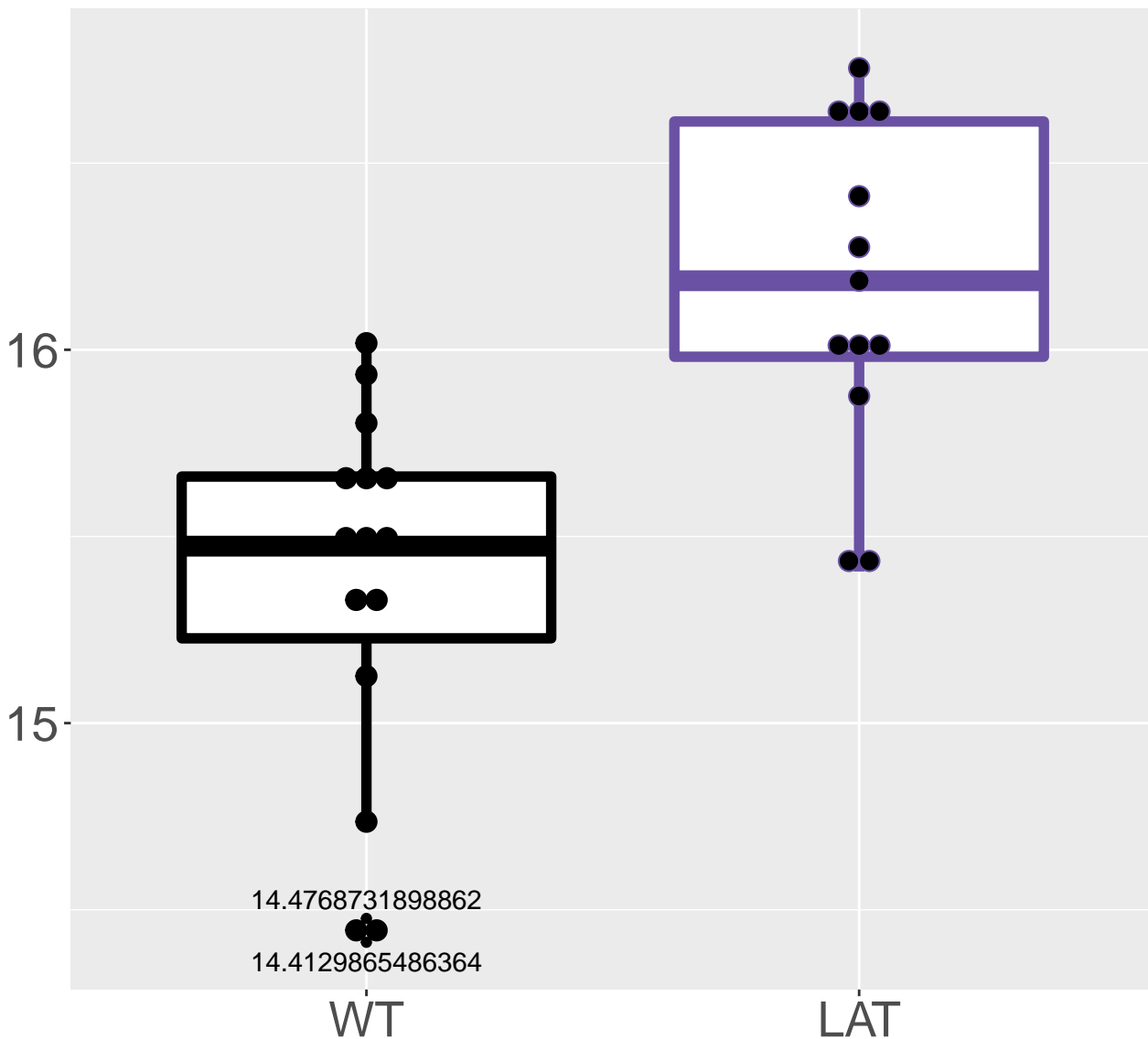
M383.183T176.11

FDR = 0.00048, FC = -1.2



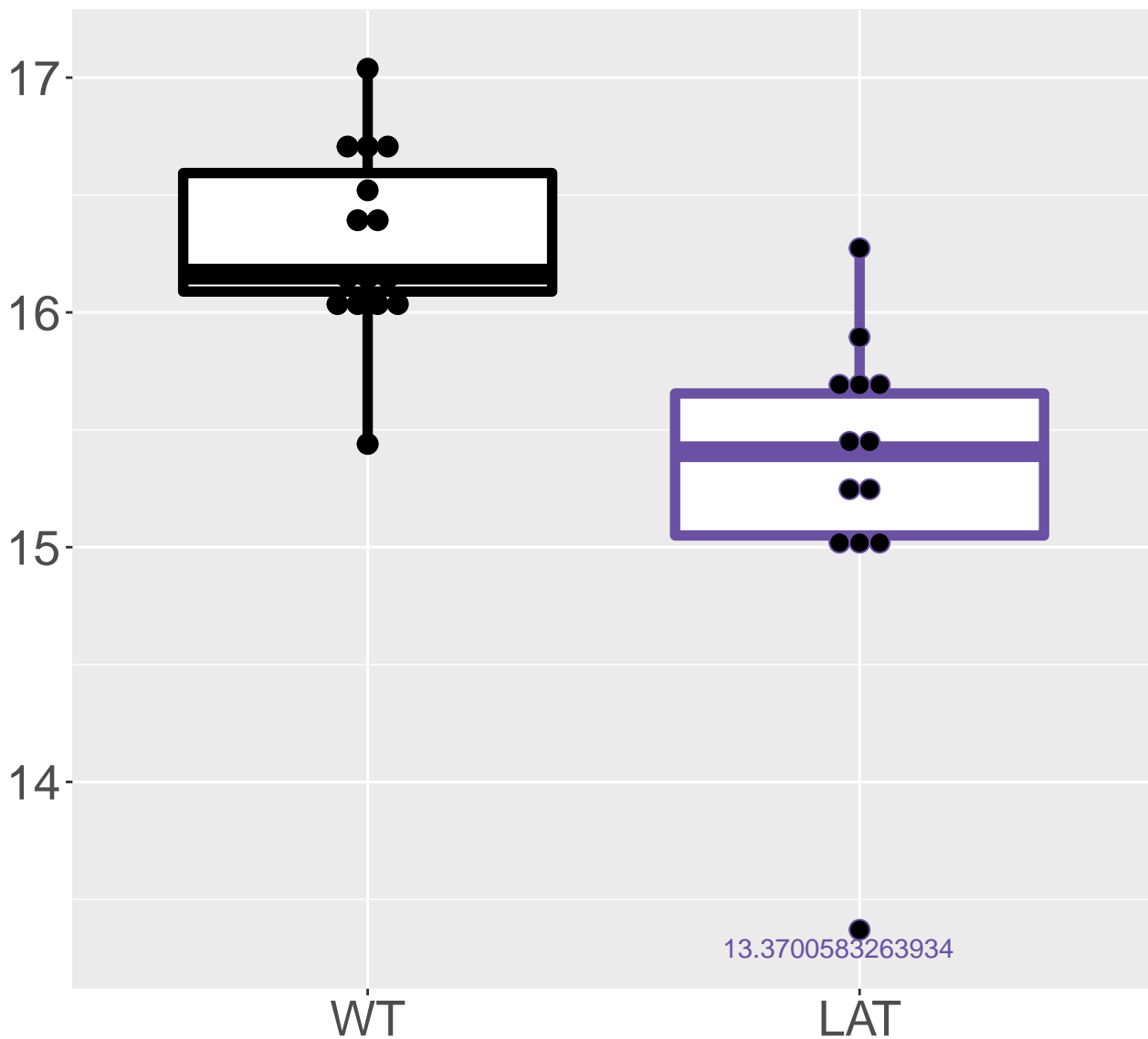
M224.0567T396.42

FDR = 0.00049, FC = 0.8



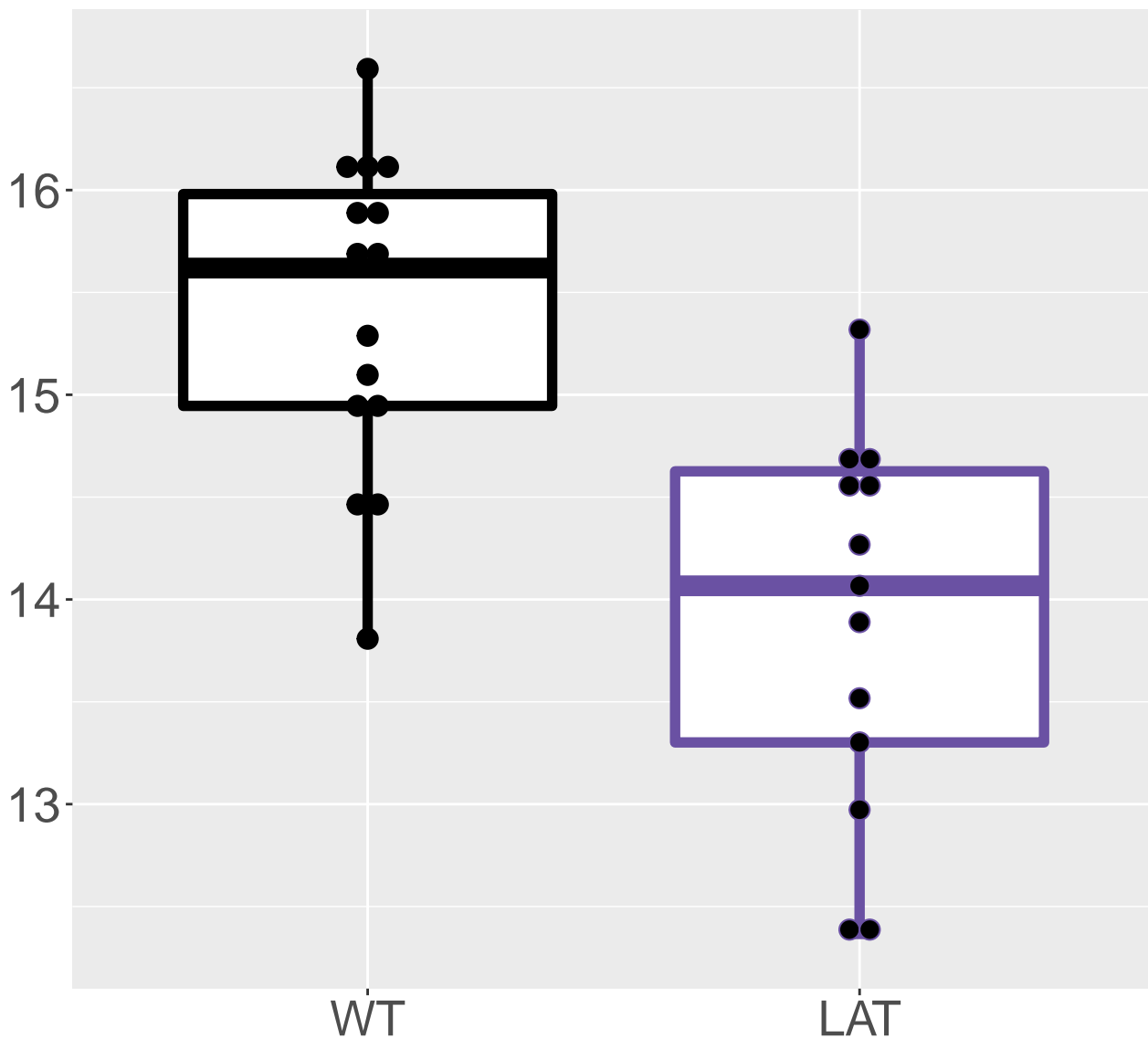
M881.7601T619.51

FDR = 5e-04, FC = -0.99

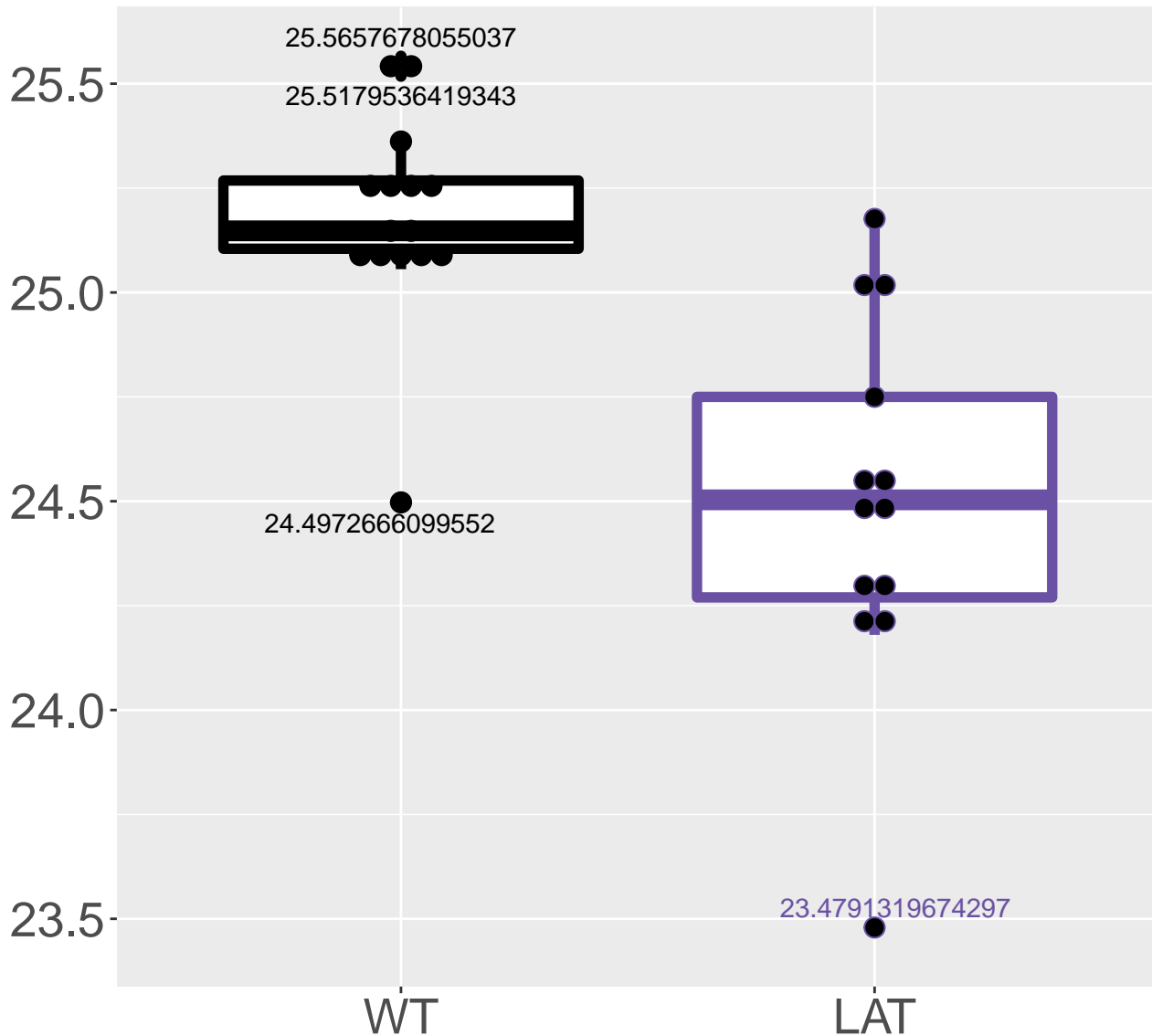


M575.2036T542.19

FDR = 0.00052, FC = -1.5

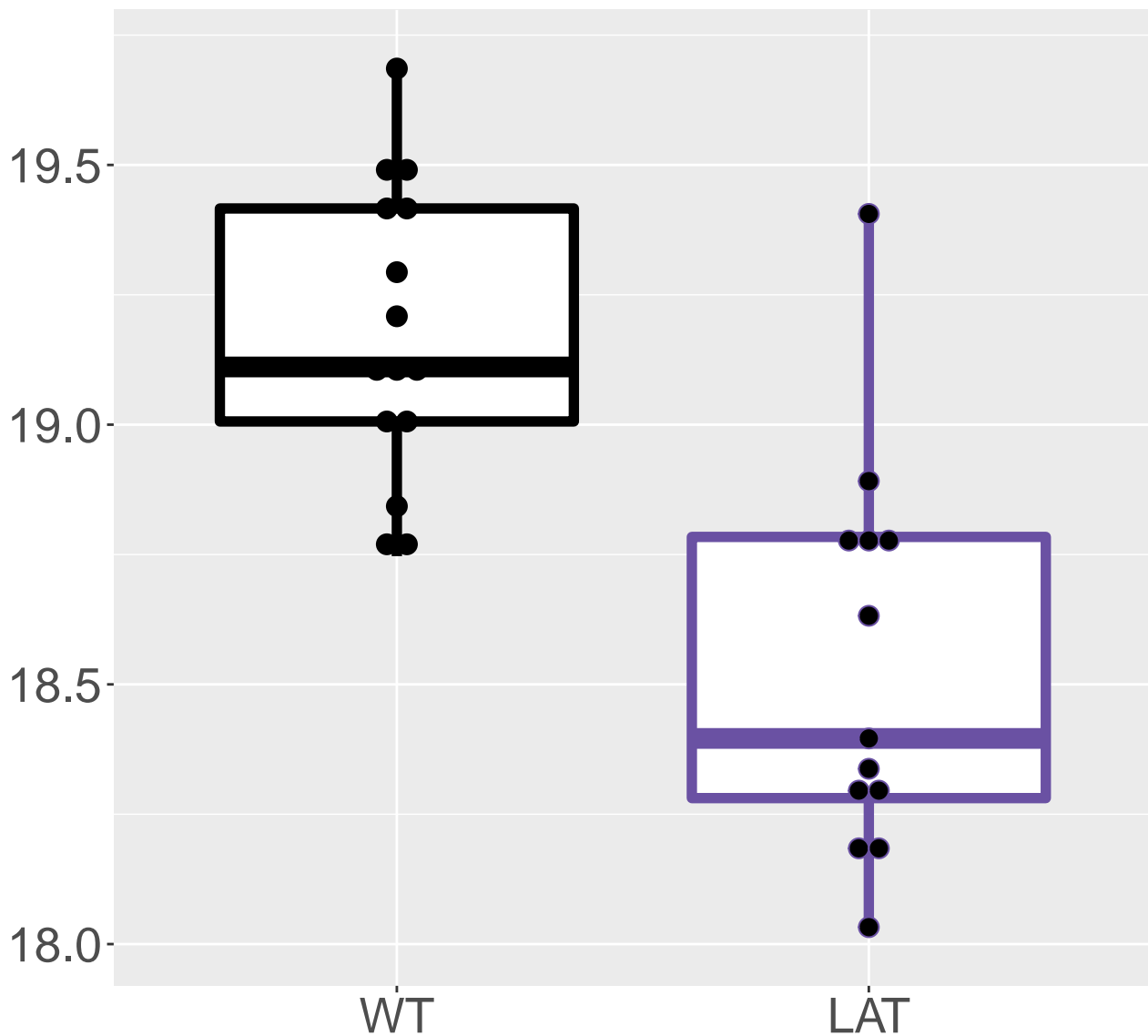


L-Threonine;Threonine|L-Homoserine|D-allo
FDR = 0.00052, FC = -0.68



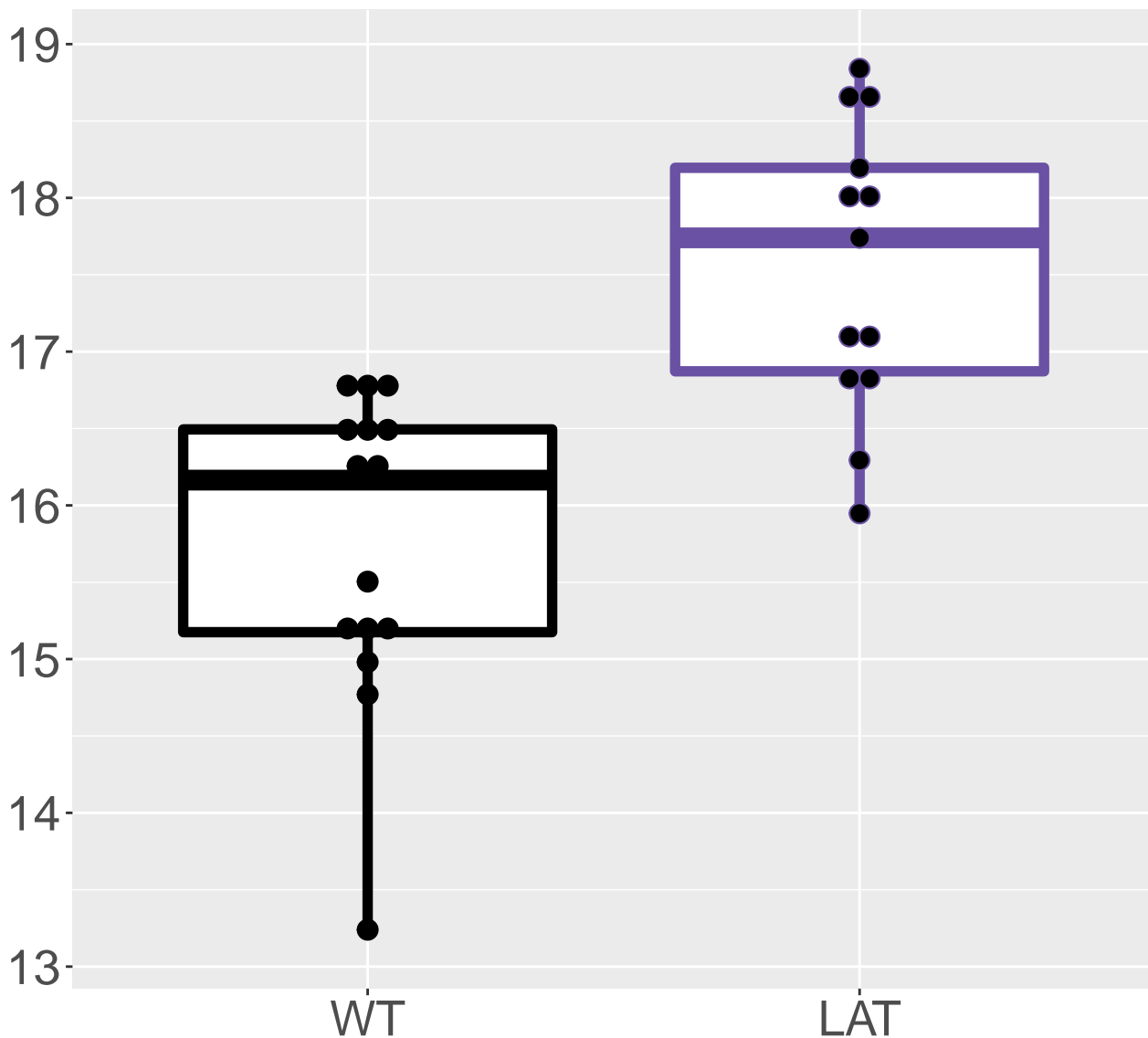
M444.1449T577.99

FDR = 0.00054, FC = -0.64

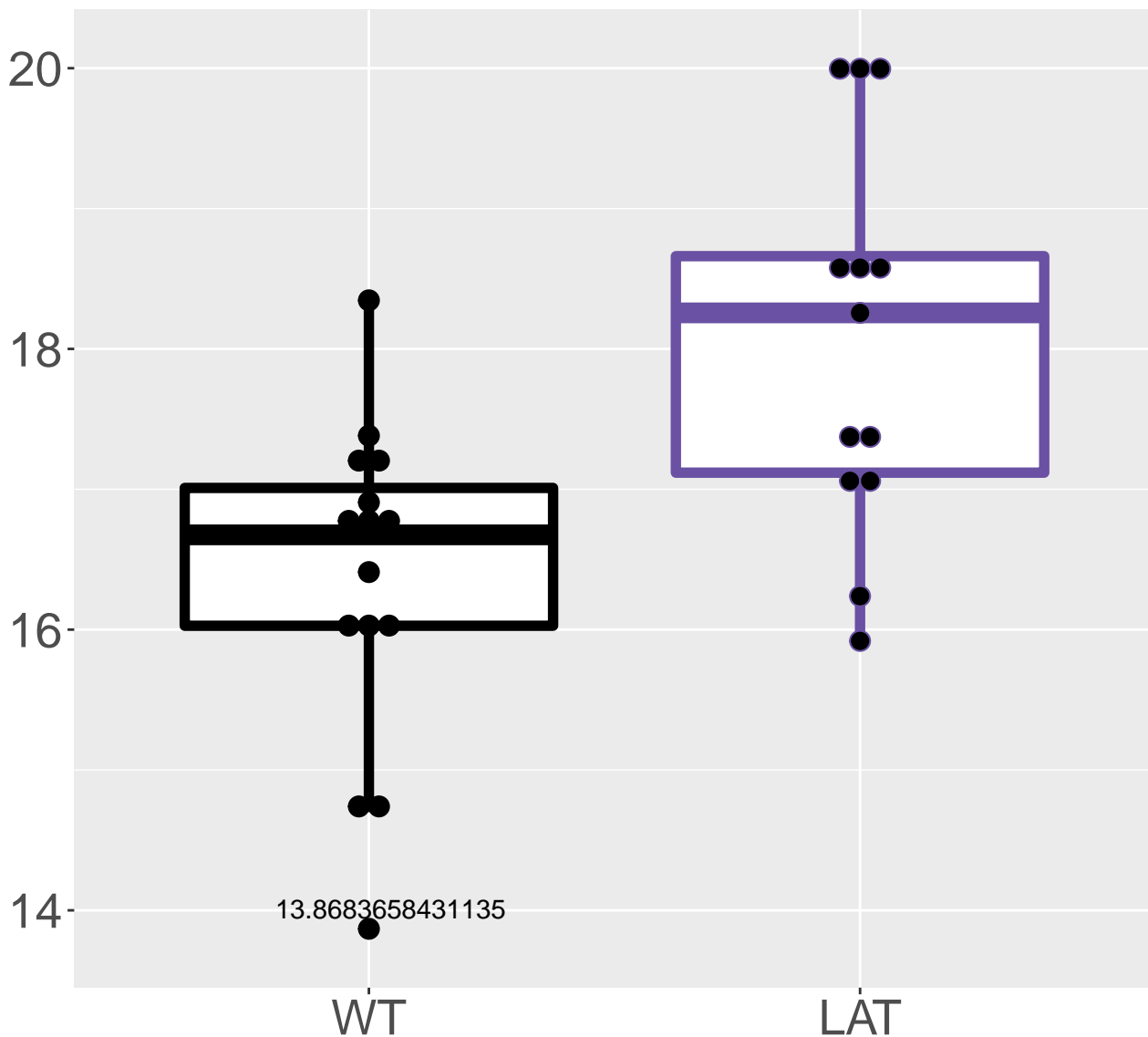


M426.9818T548.83

FDR = 0.00054, FC = 1.8

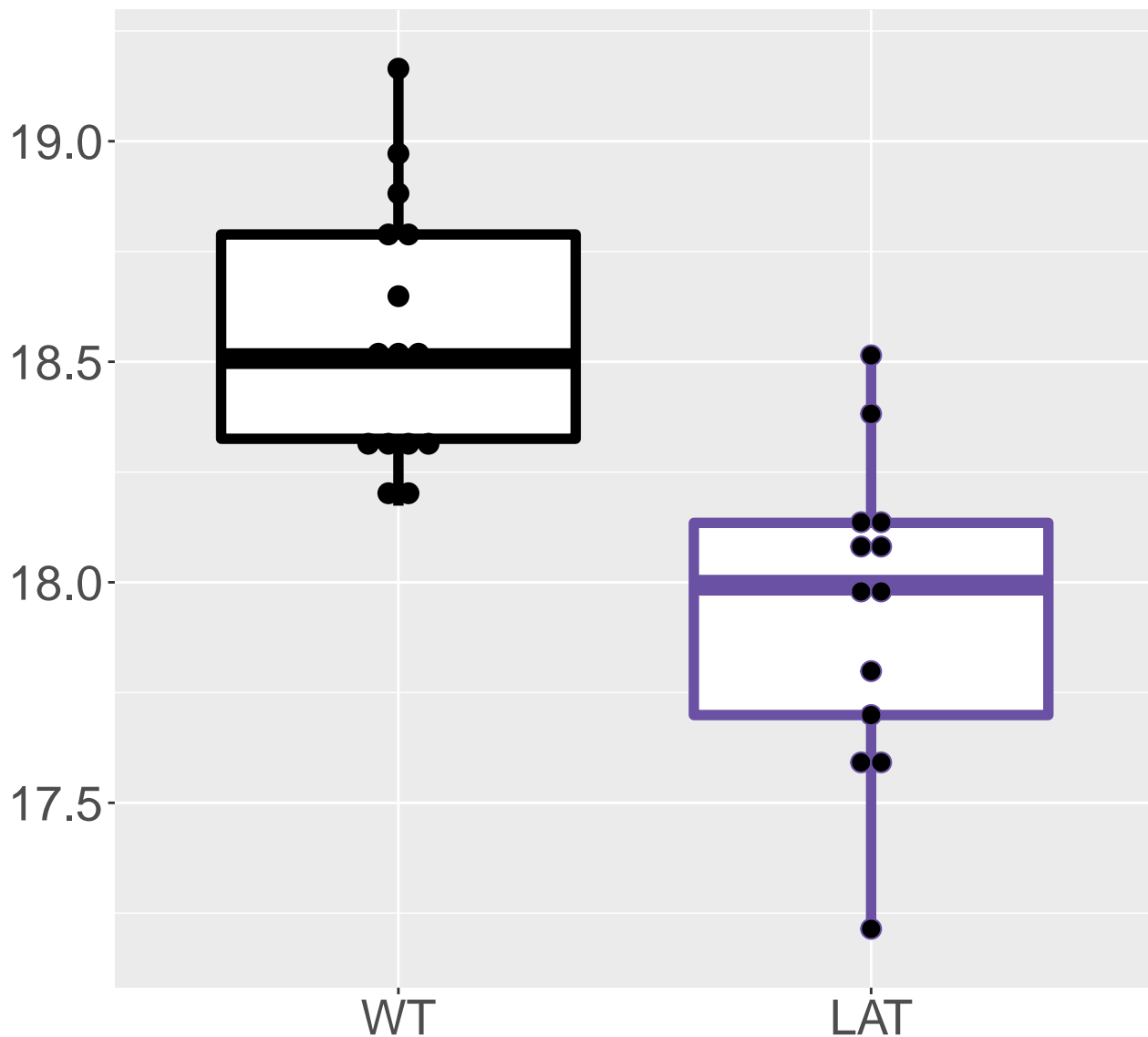


UMP;Uridine monophosphate;5'-Uridylic acid;U
FDR = 0.00055, FC = 1.7, sex***



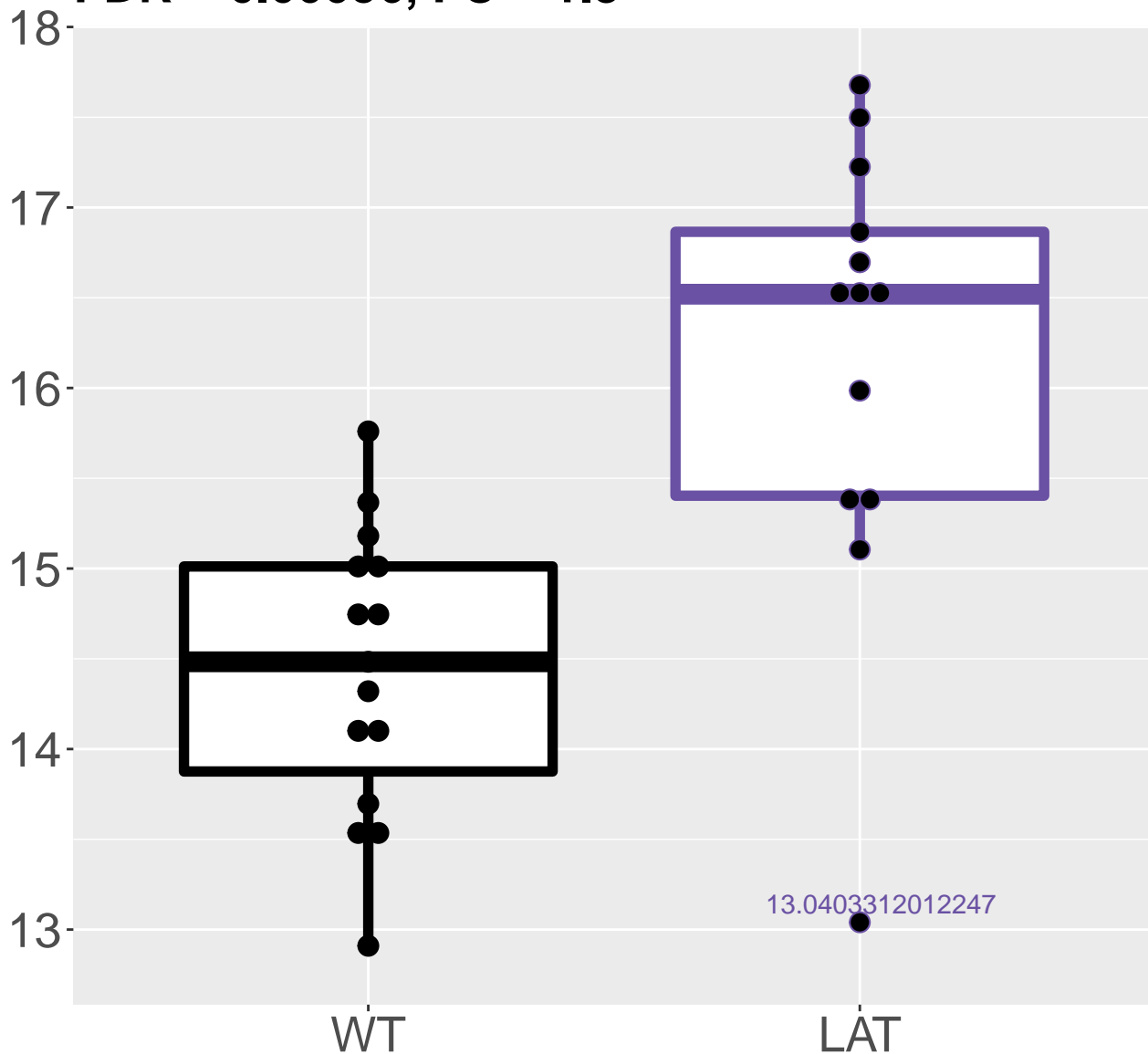
M187.003T374.17

FDR = 0.00056, FC = -0.63



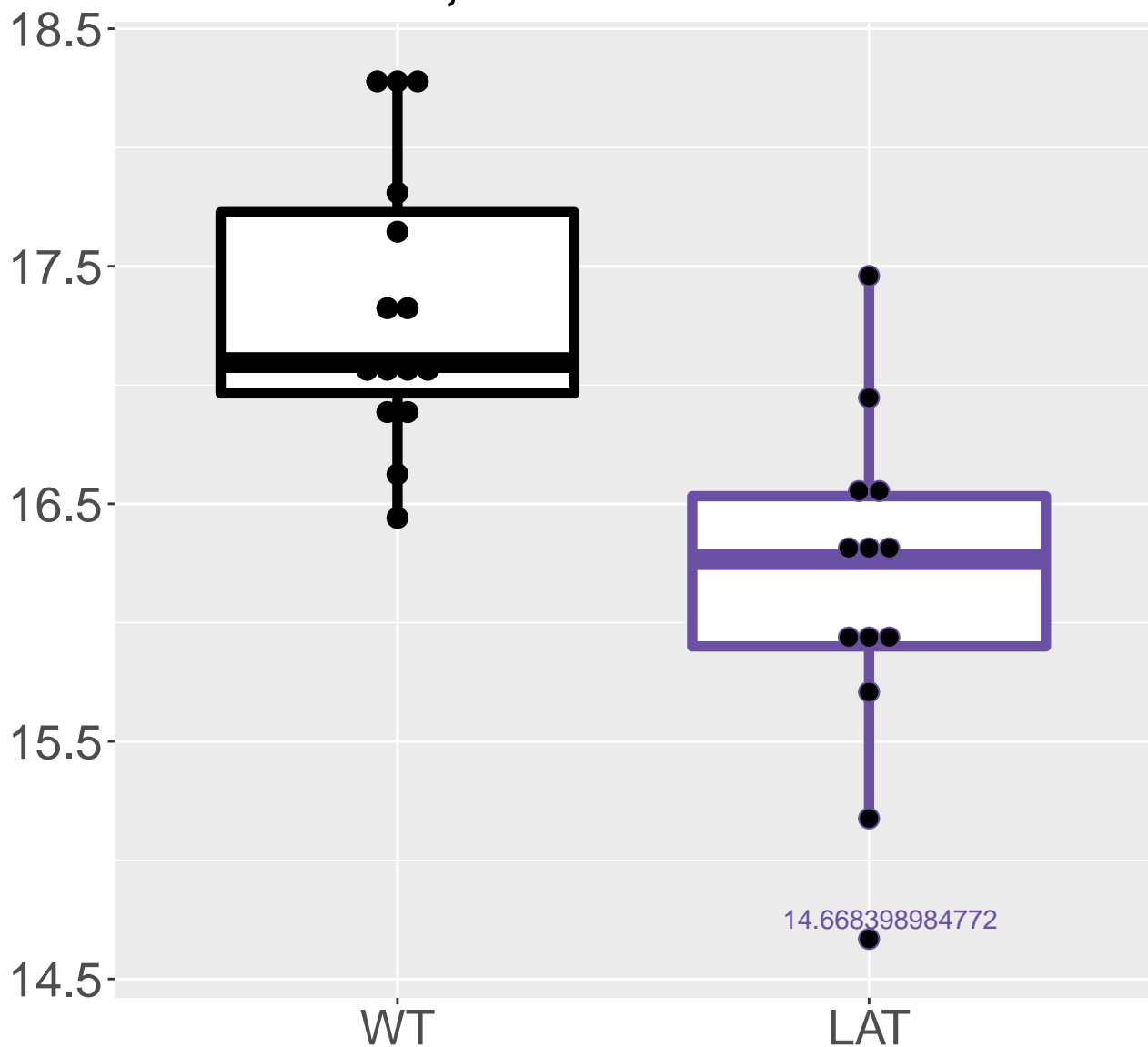
M393.0446T556.98

FDR = 0.00056, FC = 1.8



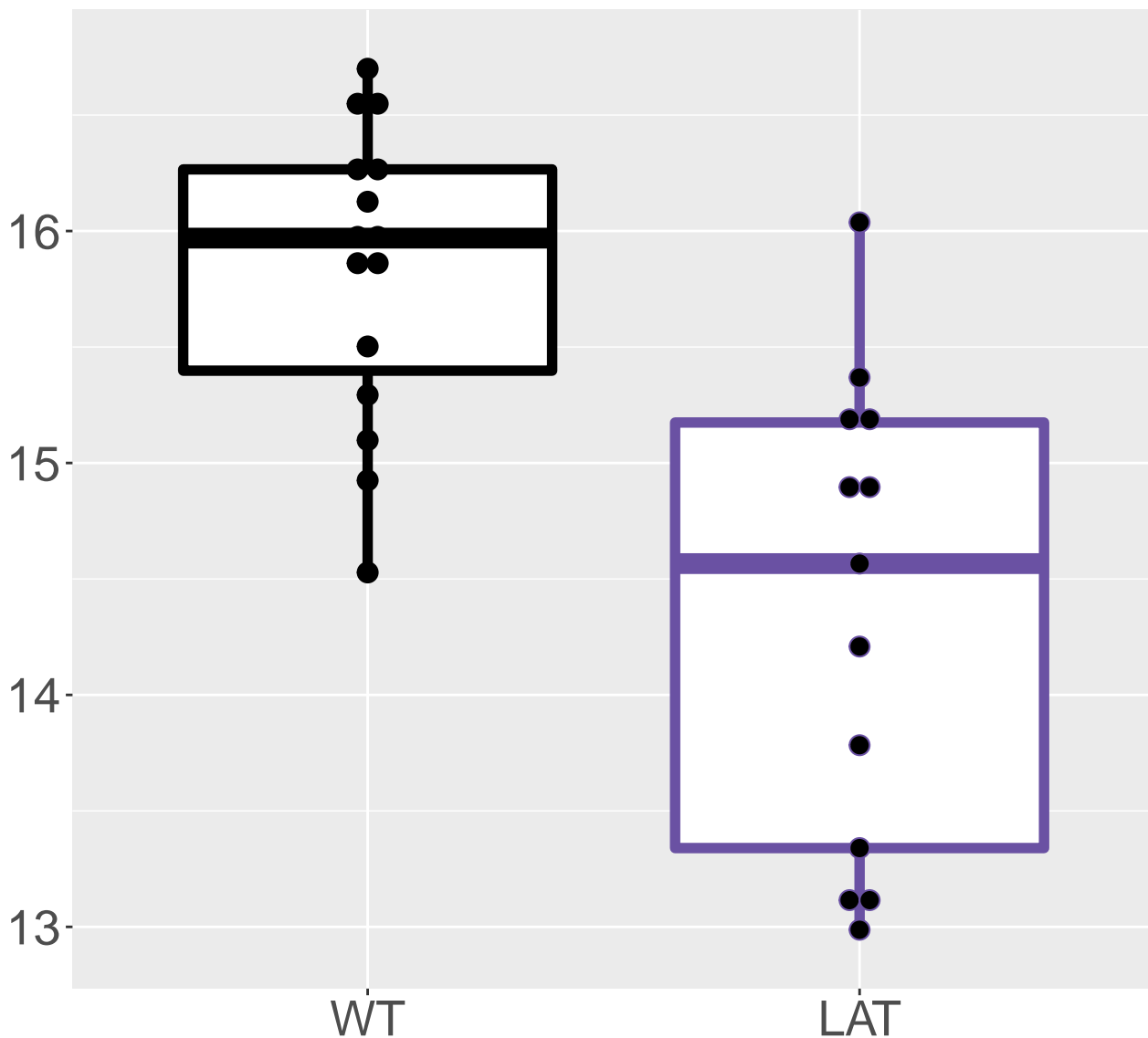
M328.1253T437.73

FDR = 0.00056, FC = -1.2



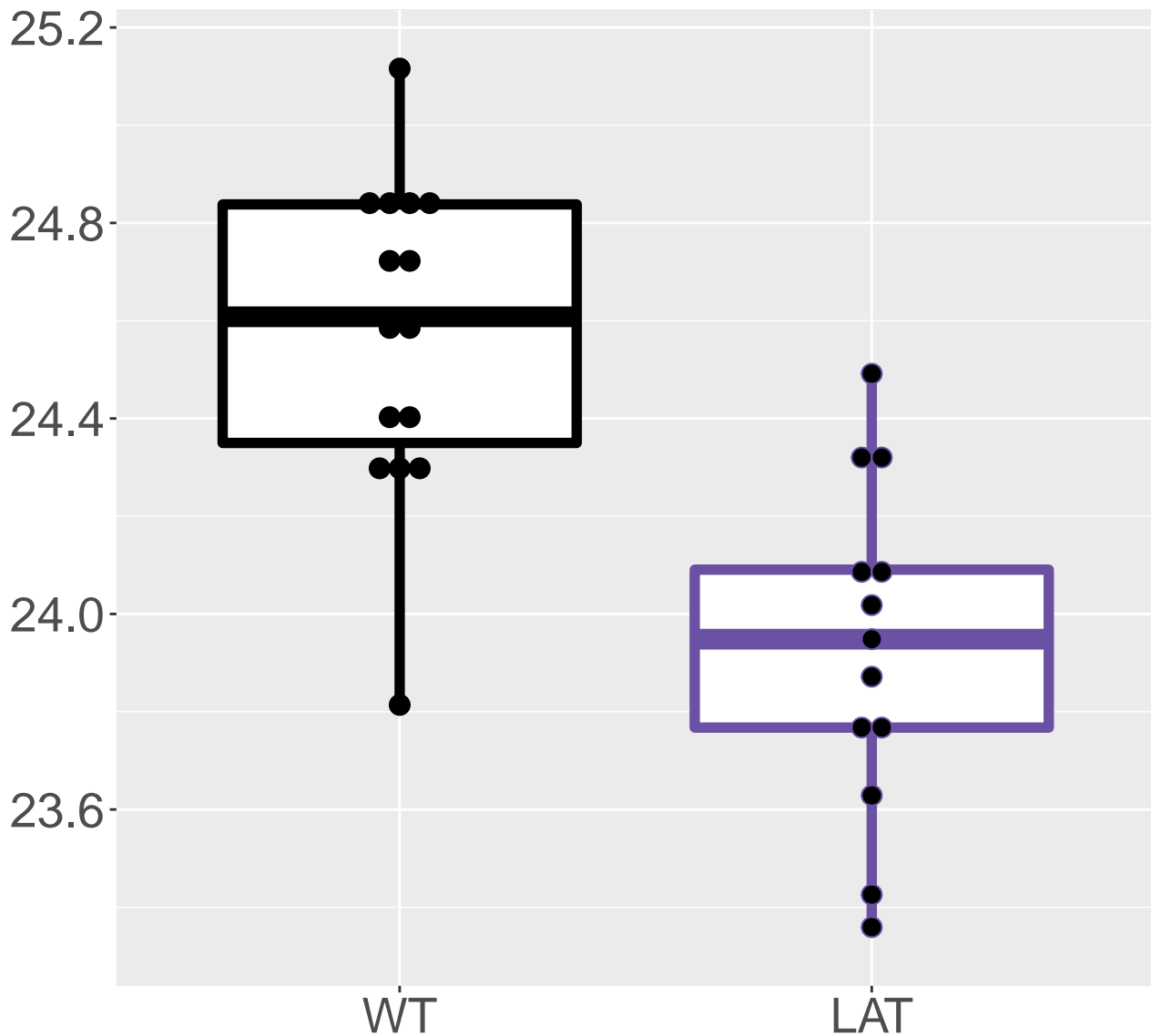
M504.0536T559.73

FDR = 0.00058, FC = -1.5

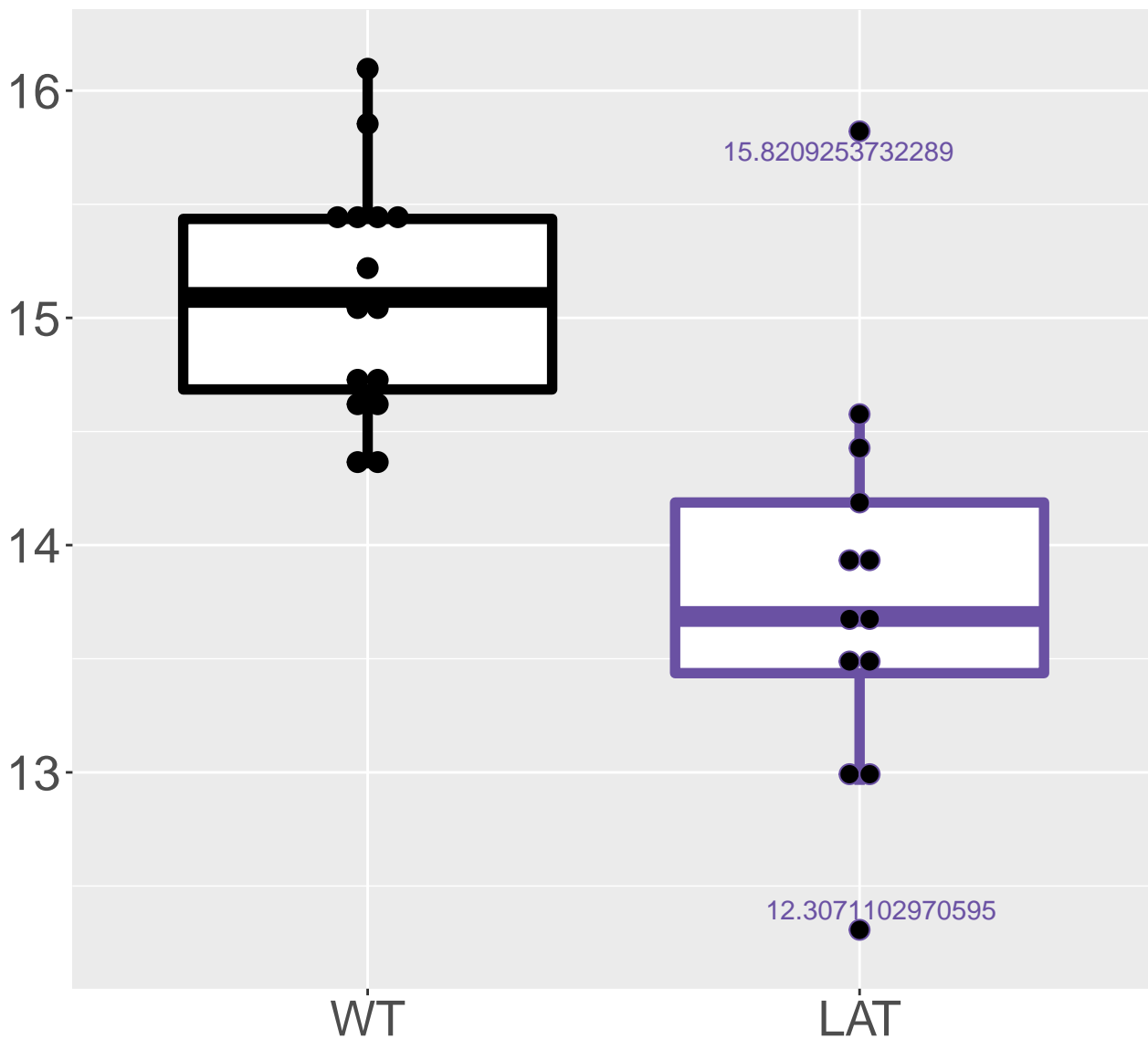


M284.0991T478.88

FDR = 0.00058, FC = -0.64

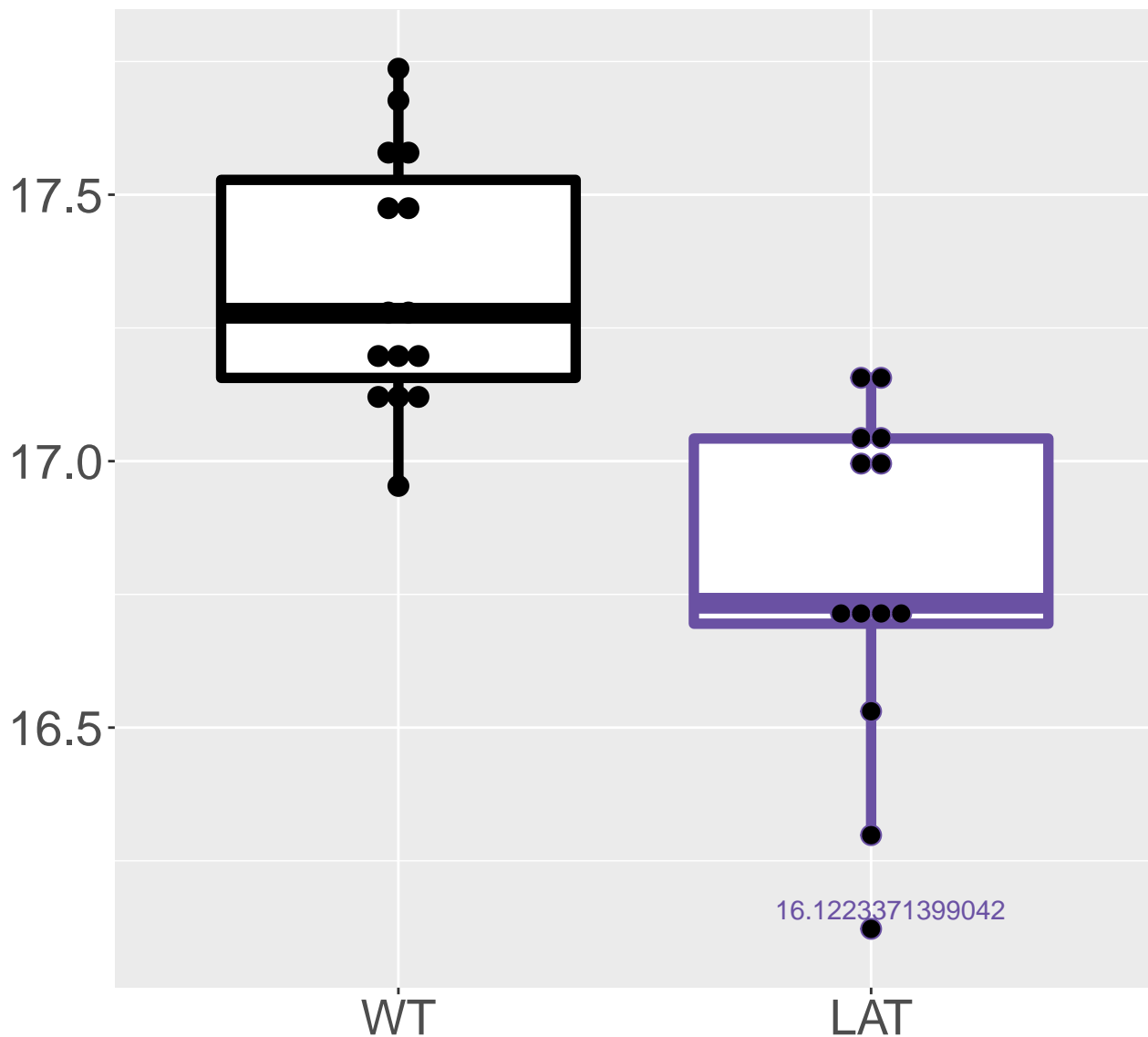


M687.2207T659.89_2
FDR = 6e-04, FC = -1.3

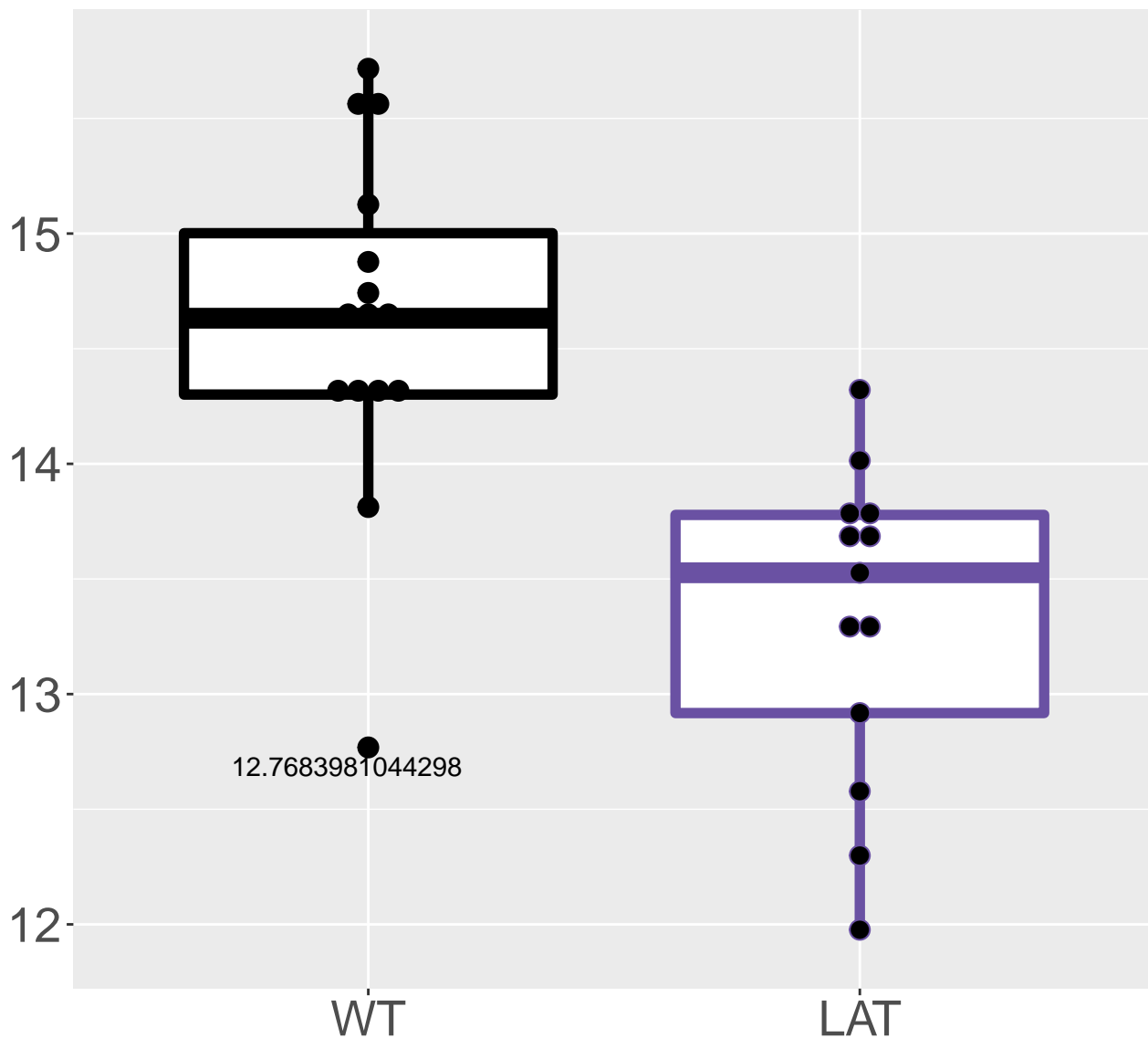


M220.5706T559.15

FDR = 0.00062, FC = -0.55

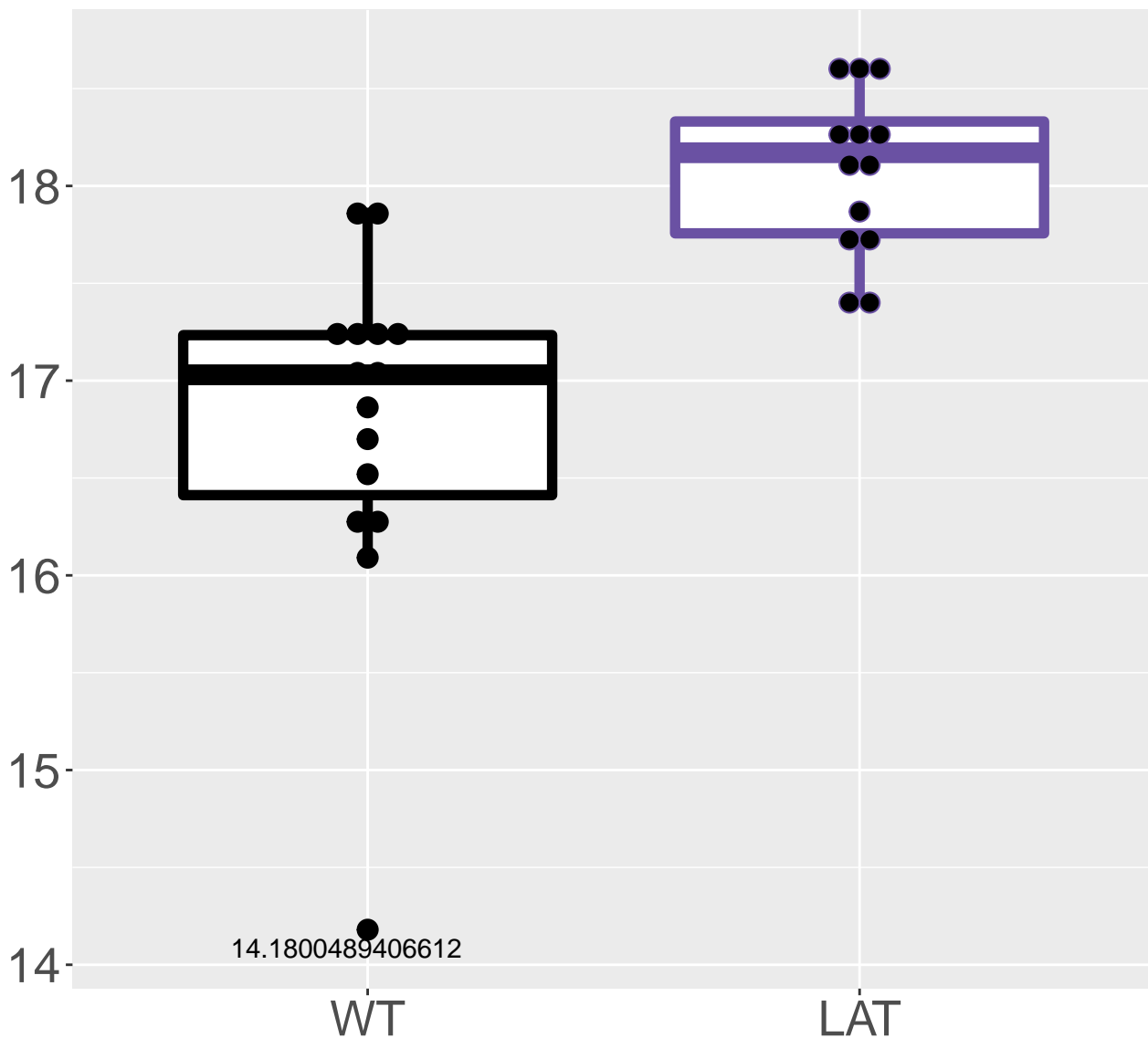


FDR = 0.00063, FC = -1.3



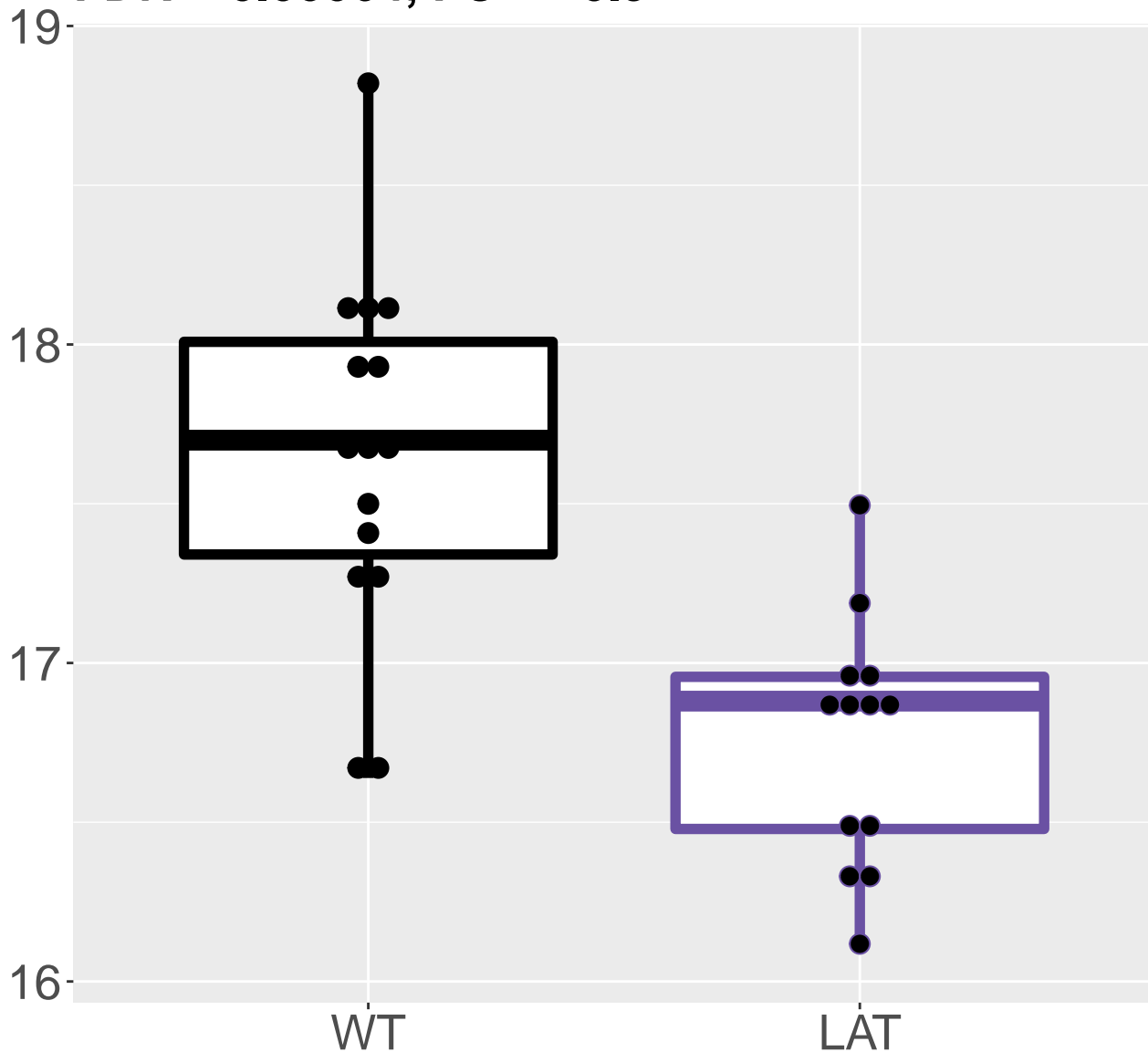
M508.1292T389.87

FDR = 0.00063, FC = 1.3



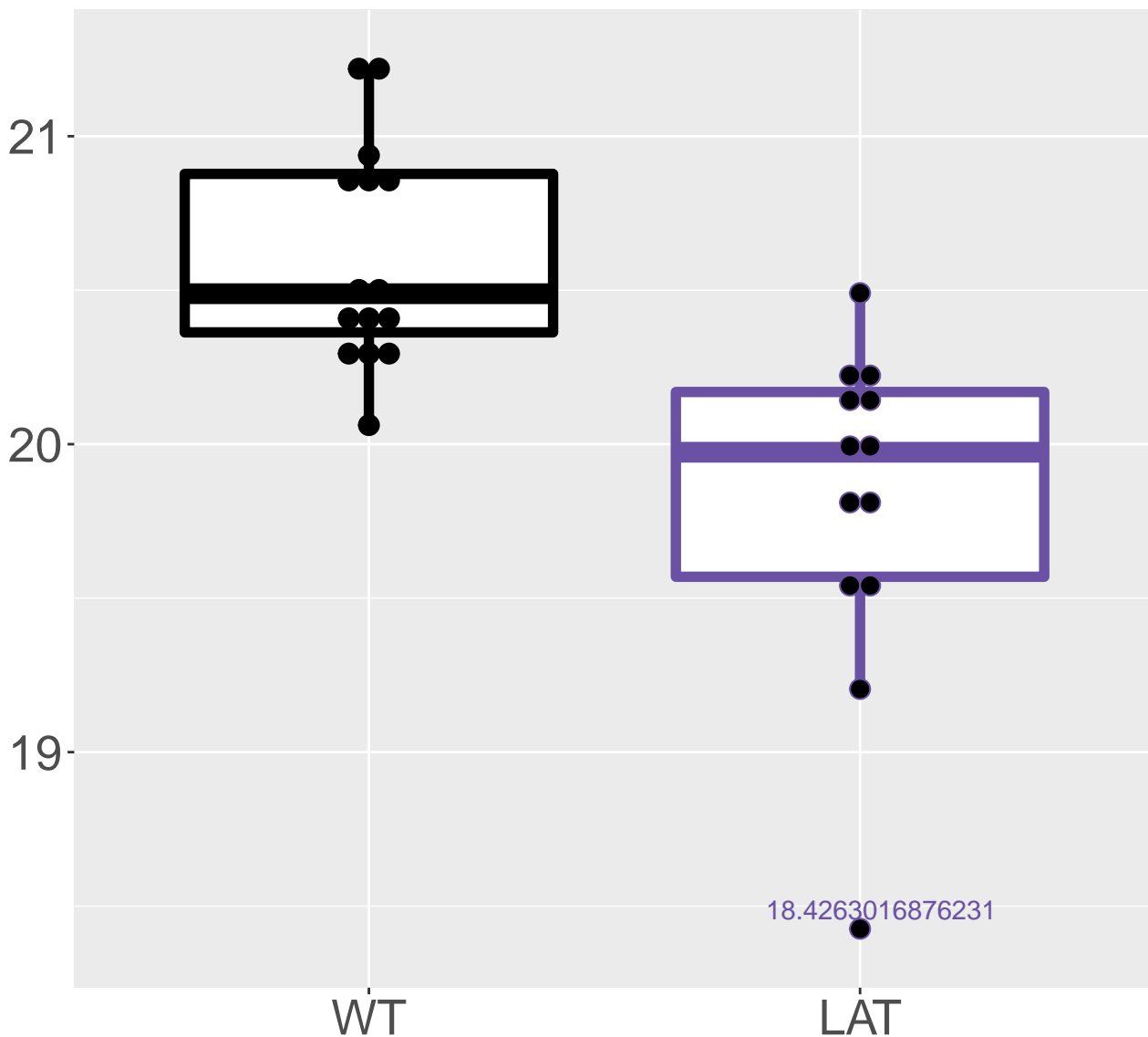
M317.1146T324.44

FDR = 0.00064, FC = -0.9



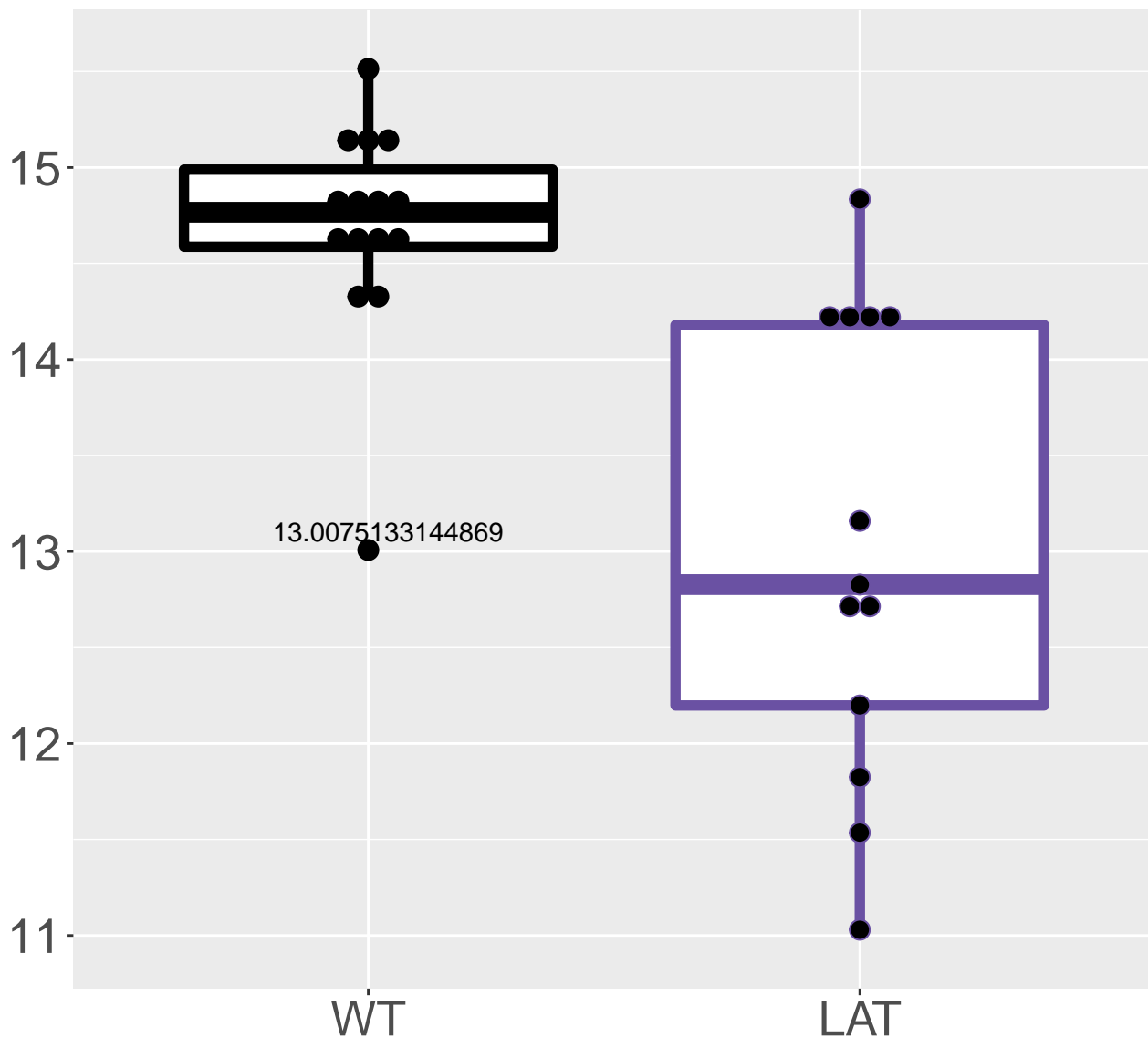
M559.4738T77.95

FDR = 0.00066, FC = -0.8



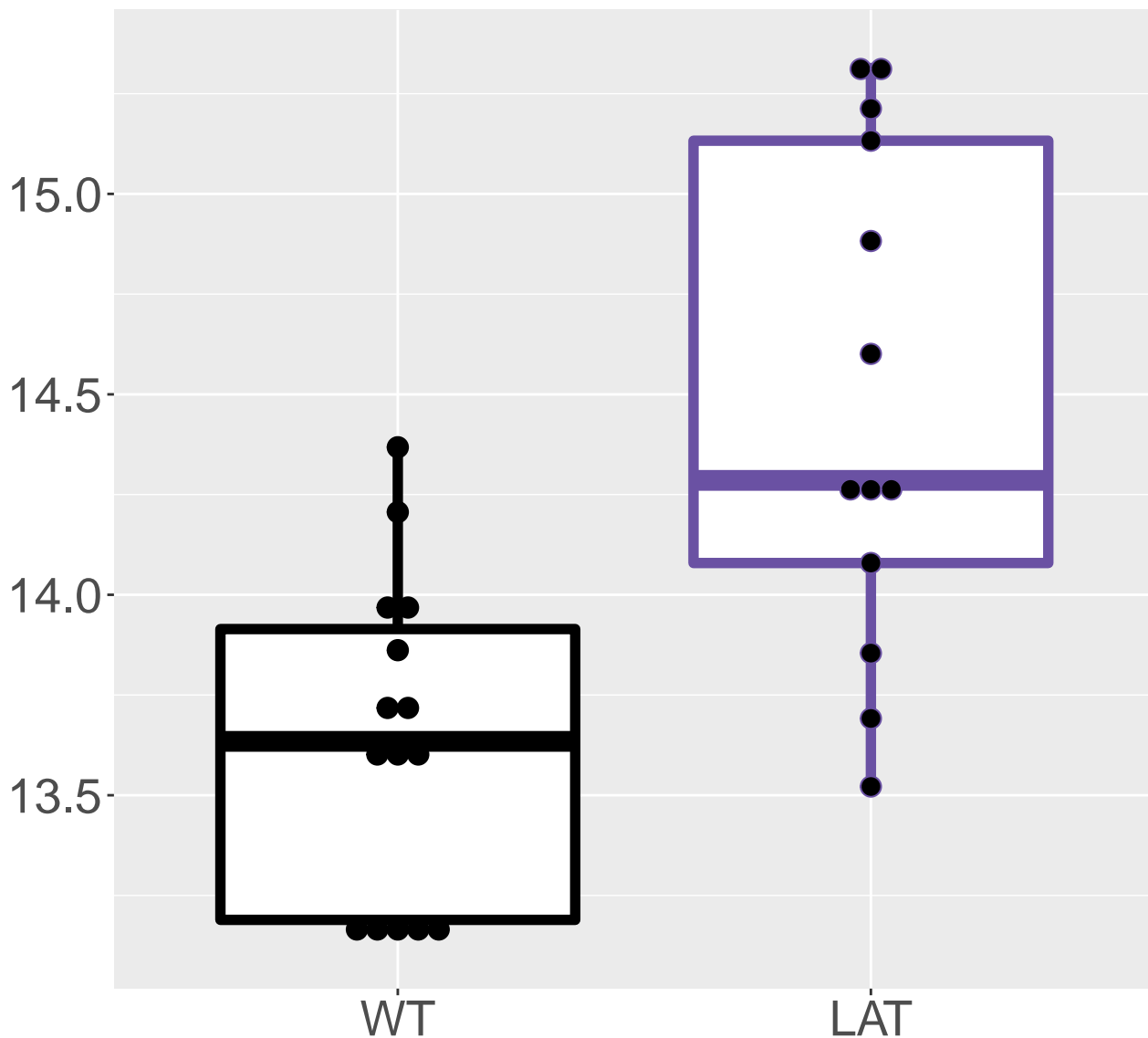
M666.2095T513.09

FDR = 0.00066, FC = -1.7

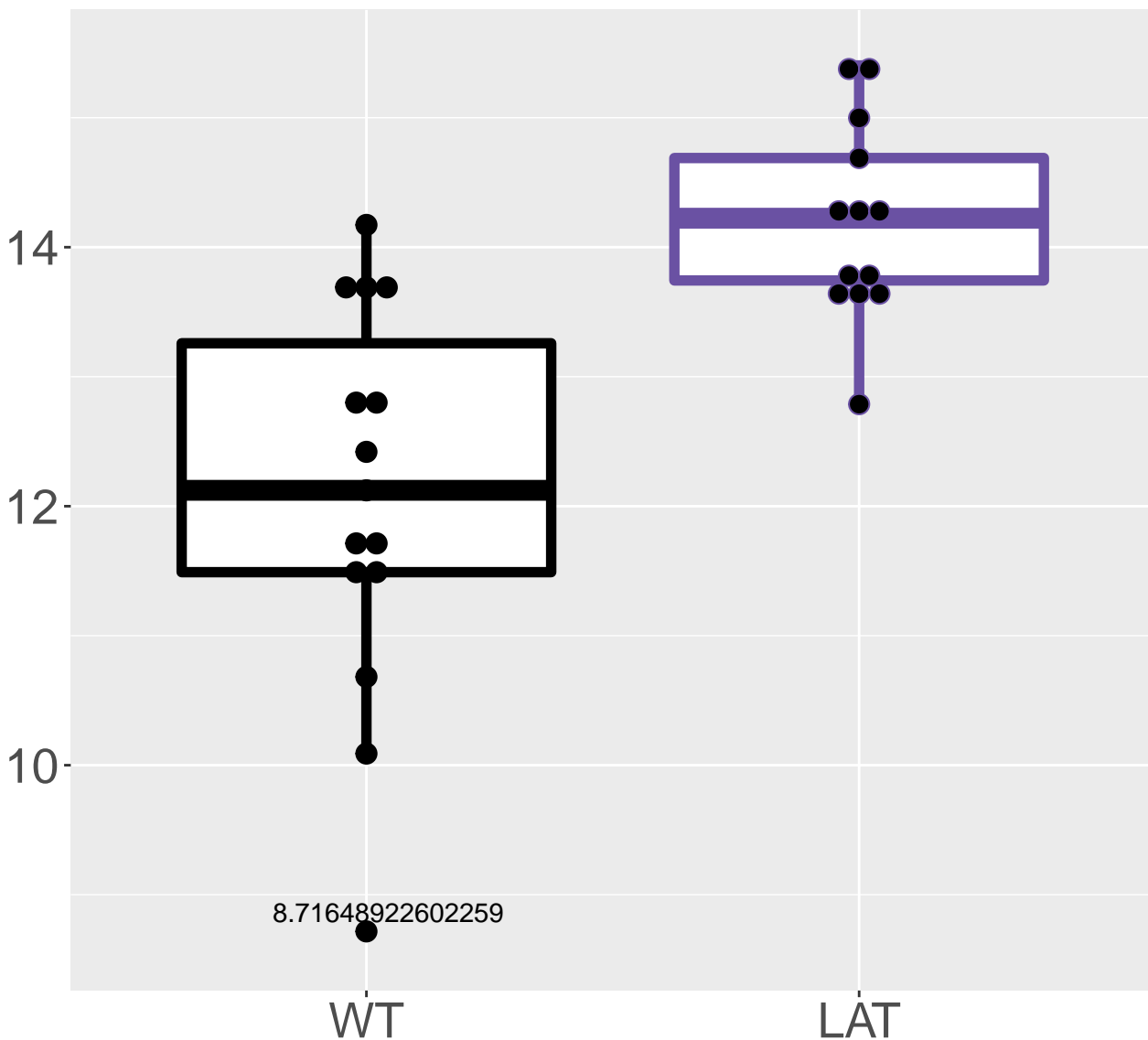


M592.1032T661.47

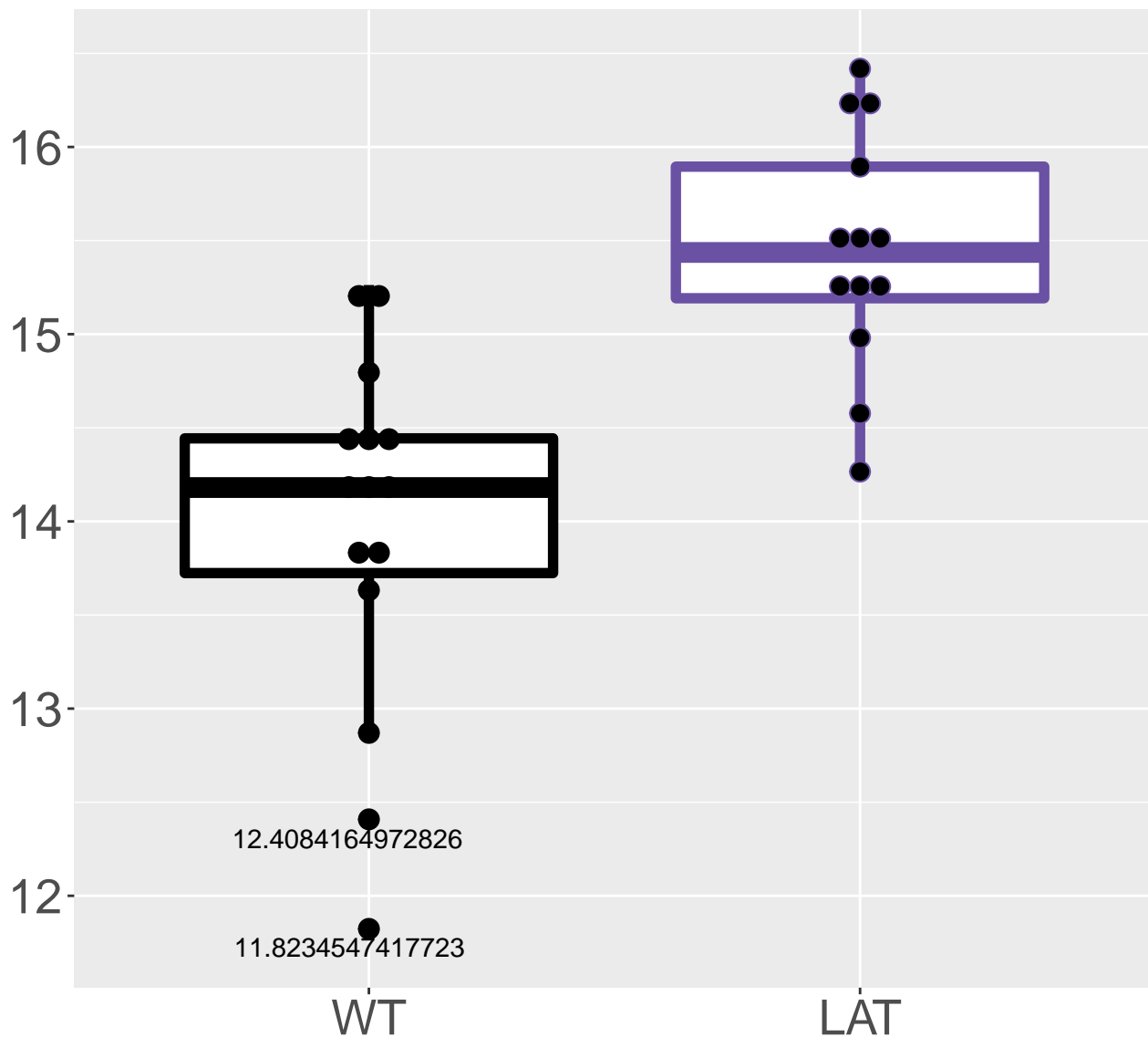
FDR = 0.00066, FC = 0.86



M429.0214T622.5
FDR = 0.00066, FC = 2.1

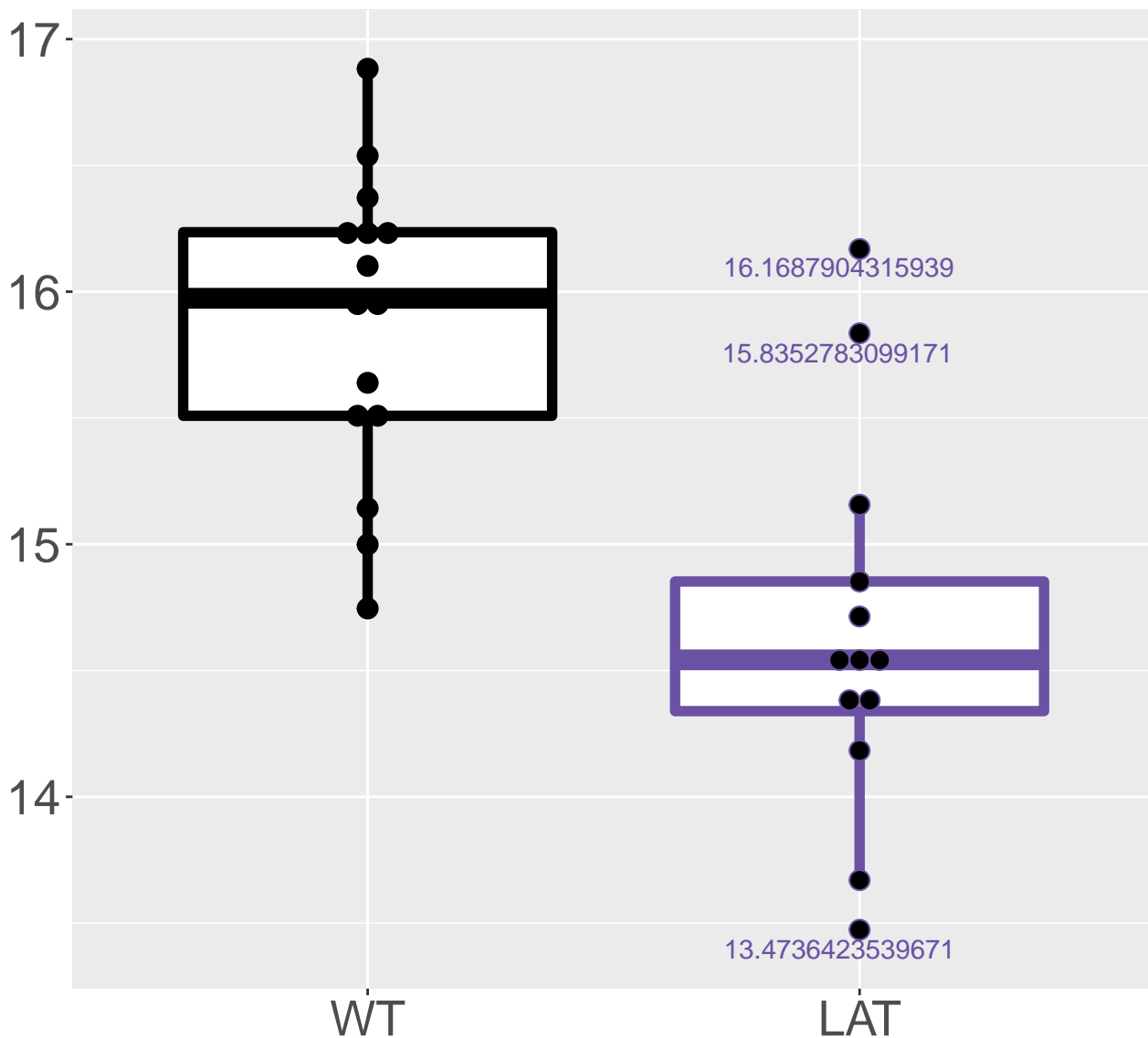


GDP;Guanosine diphosphate;Guanosine 5'-dip
FDR = 0.00066, FC = 1.5



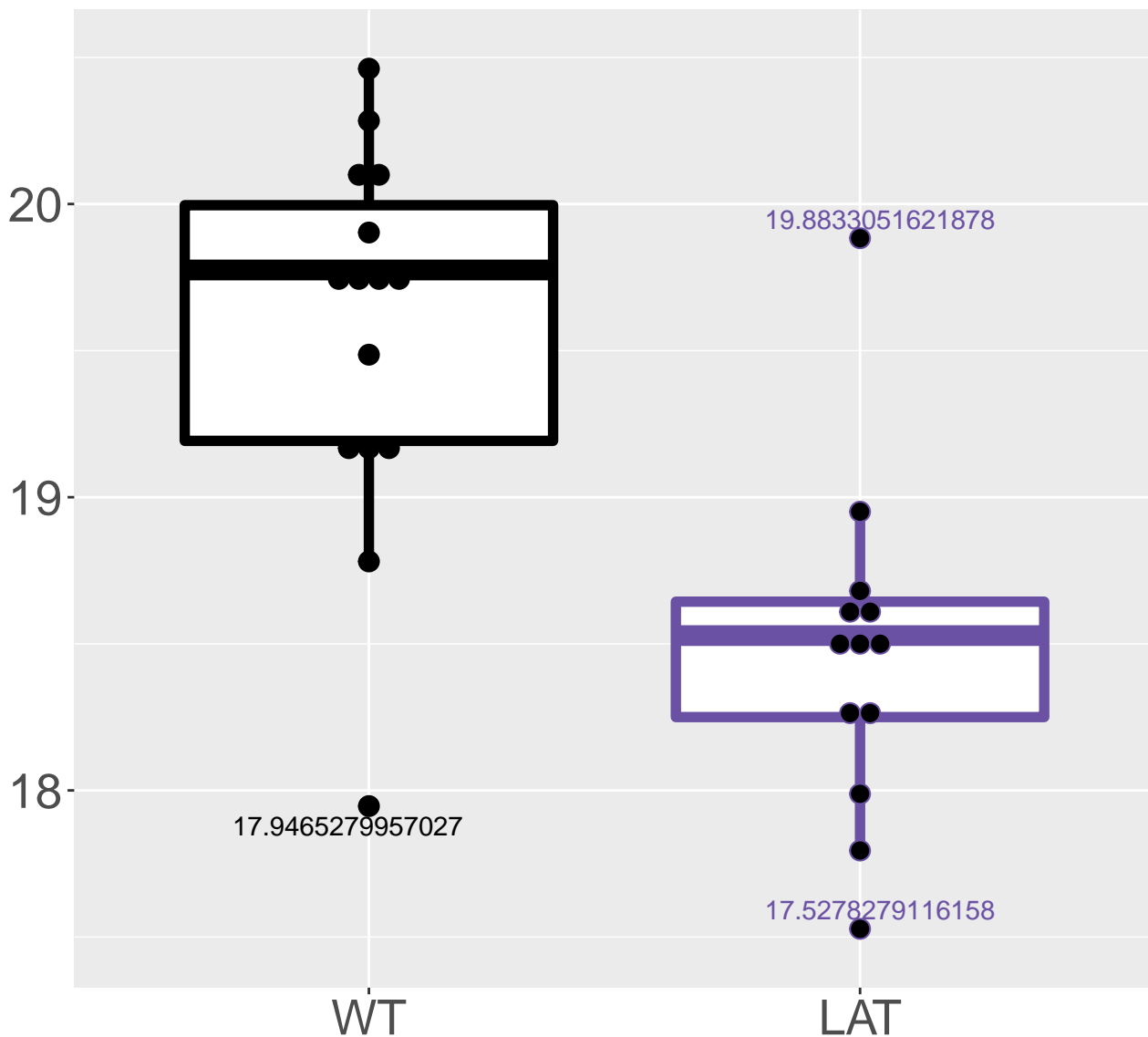
M419.449T621.57

FDR = 0.00066, FC = -1.2



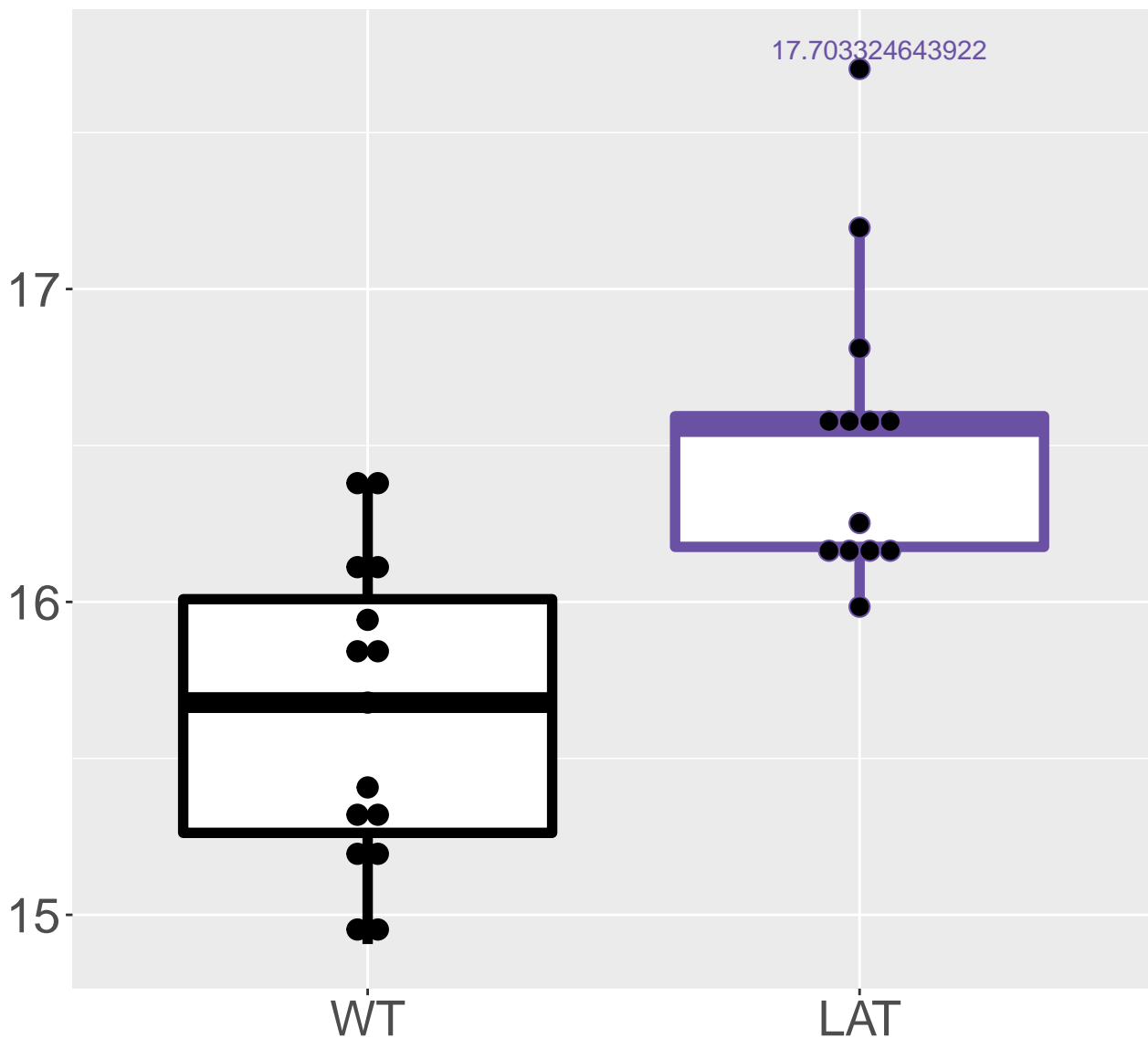
M361.1411T327.62

FDR = 0.00066, FC = -1.1



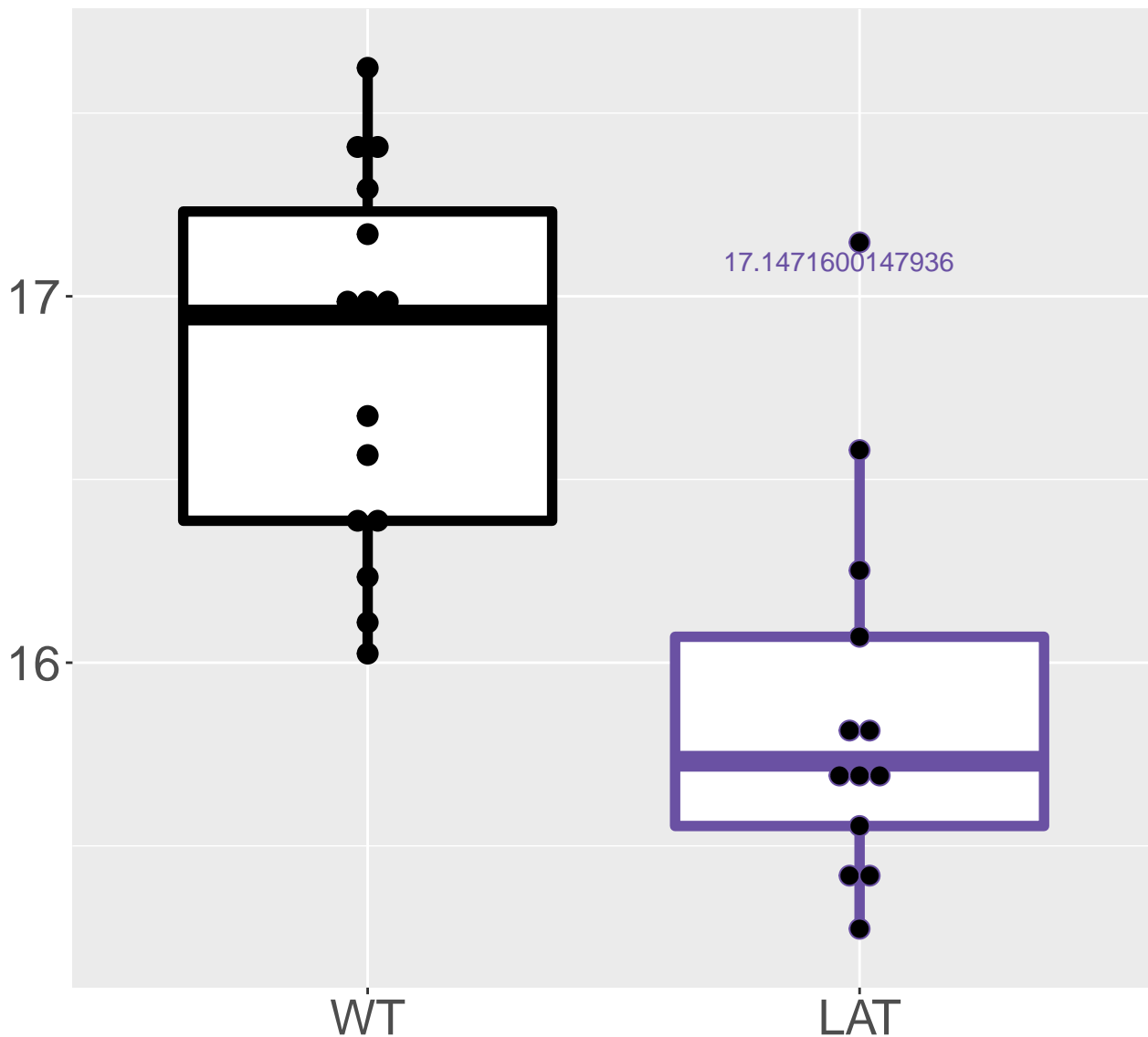
M135.0507T194.37

FDR = 0.00066, FC = 0.89



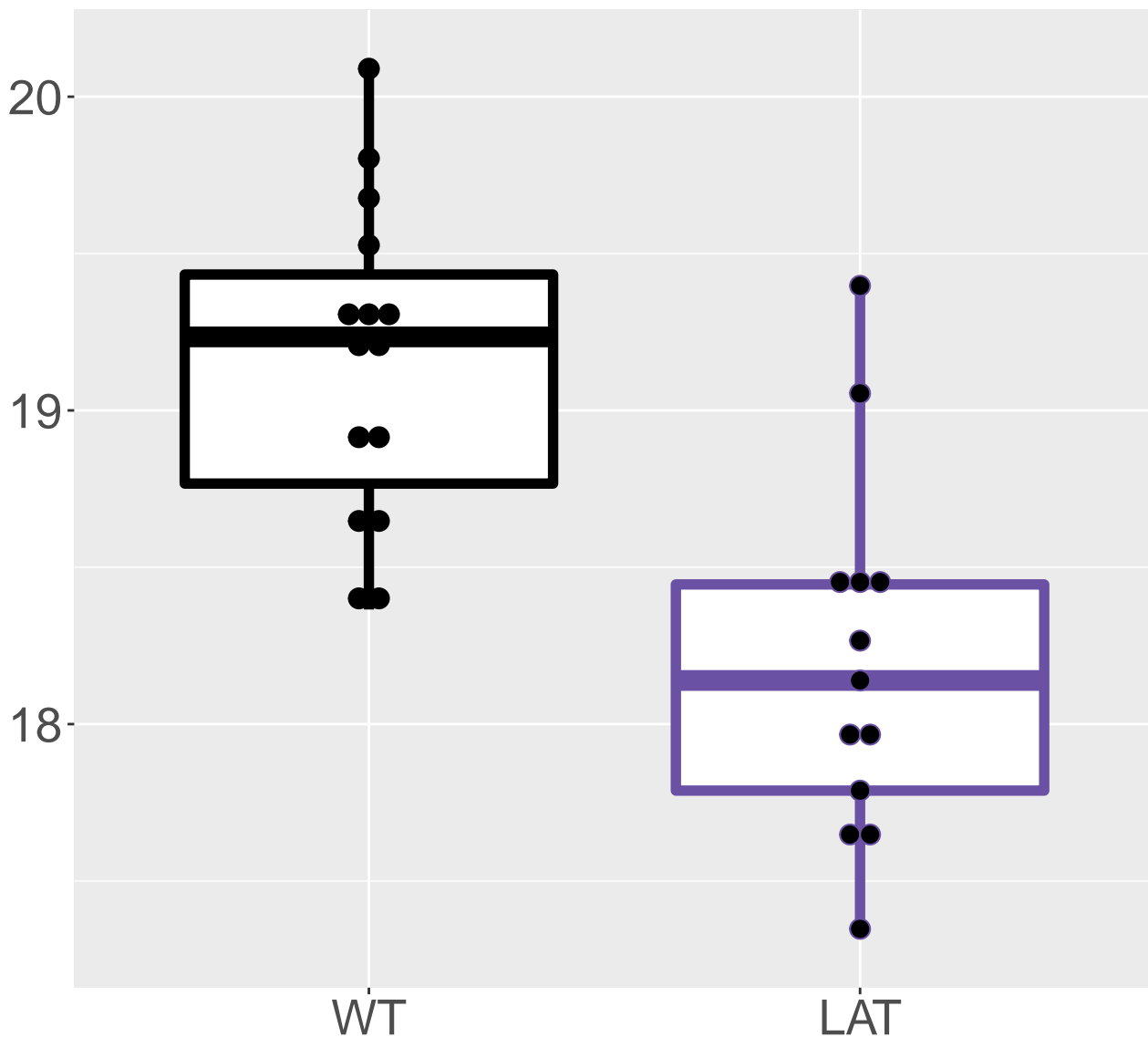
M525.1673T639.3_2

FDR = 0.00066, FC = -0.94

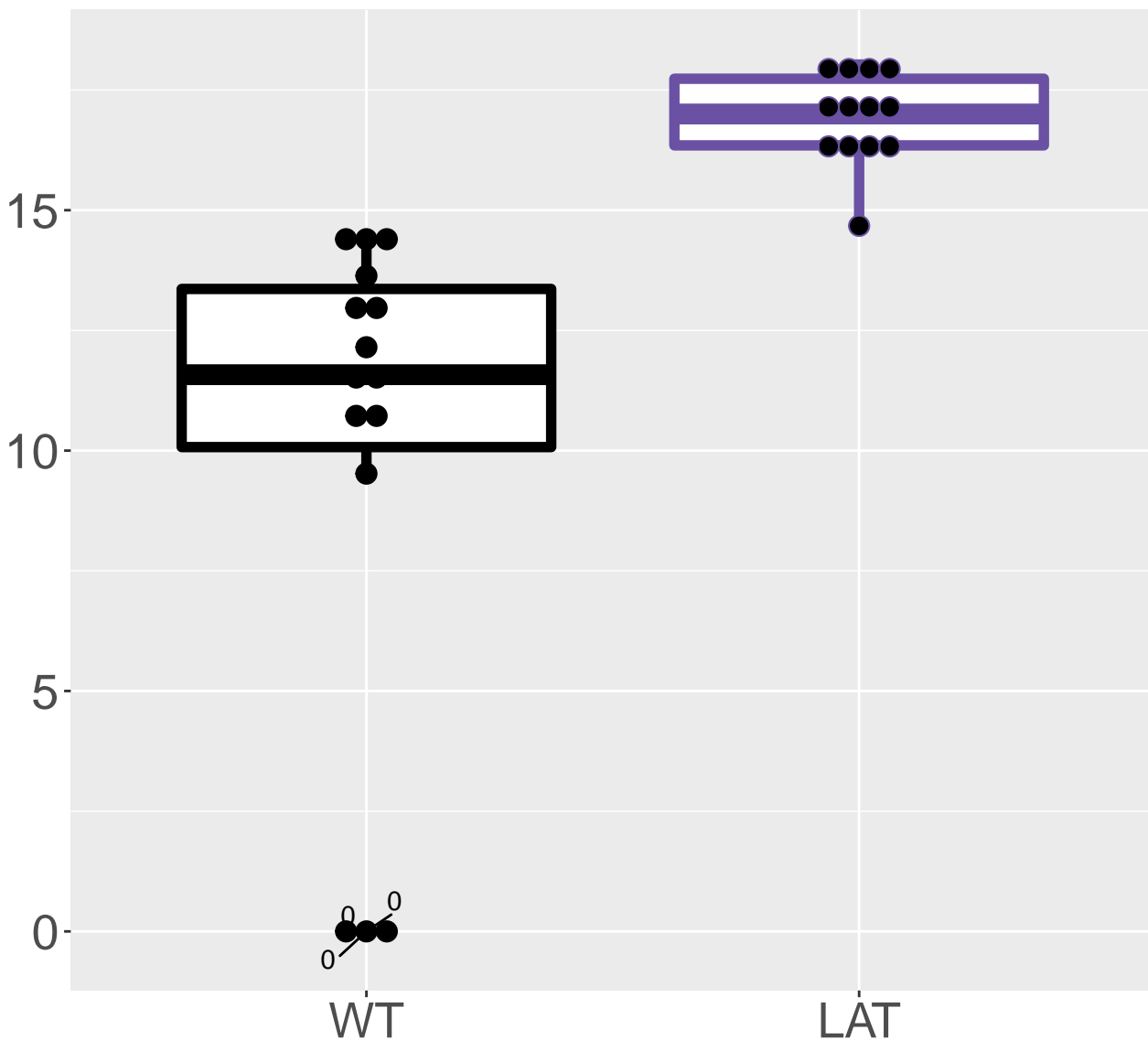


M664.2315T588

FDR = 0.00067, FC = -0.96

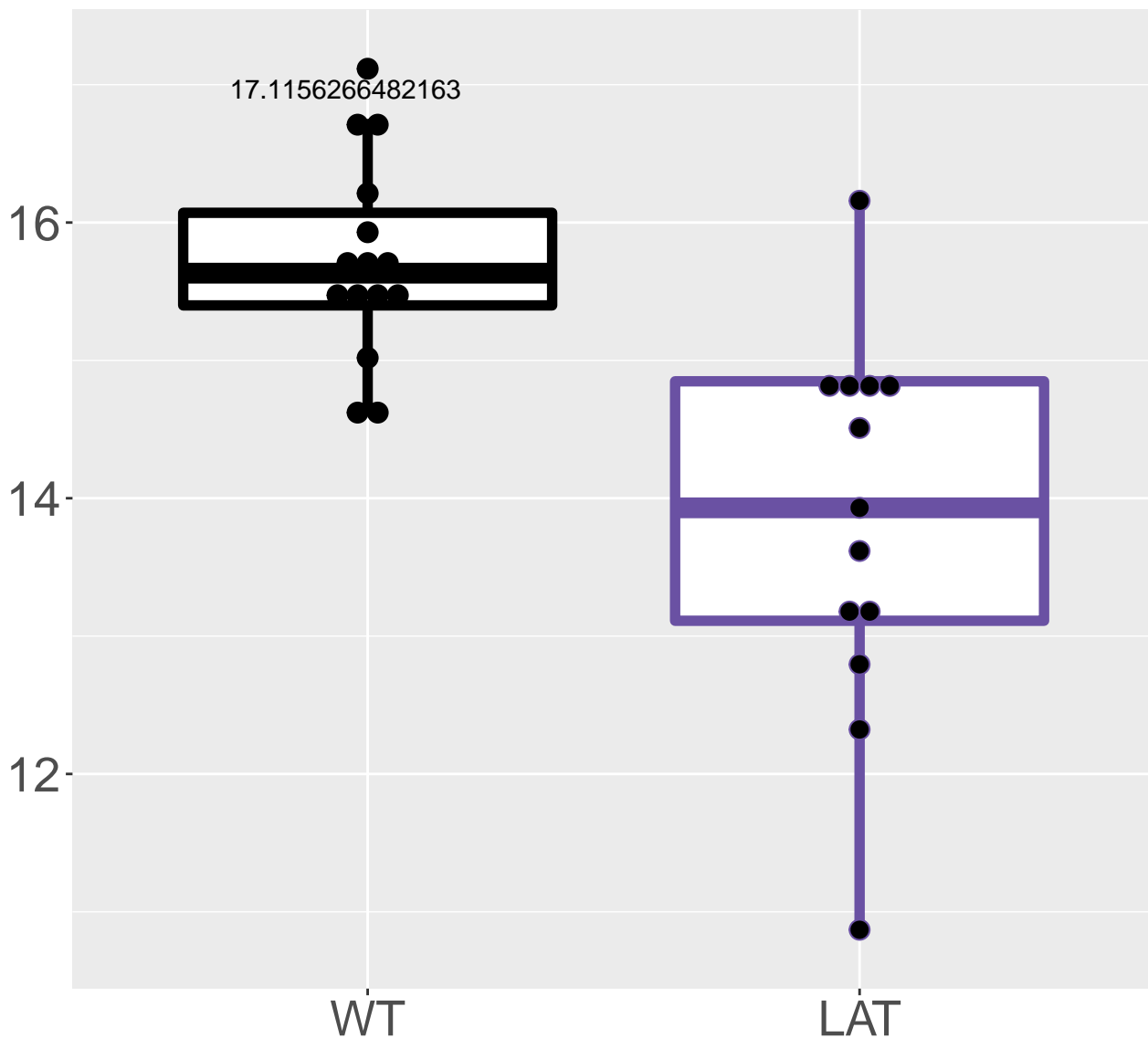


M401.0262T527.54
FDR = 0.00069, FC = 7



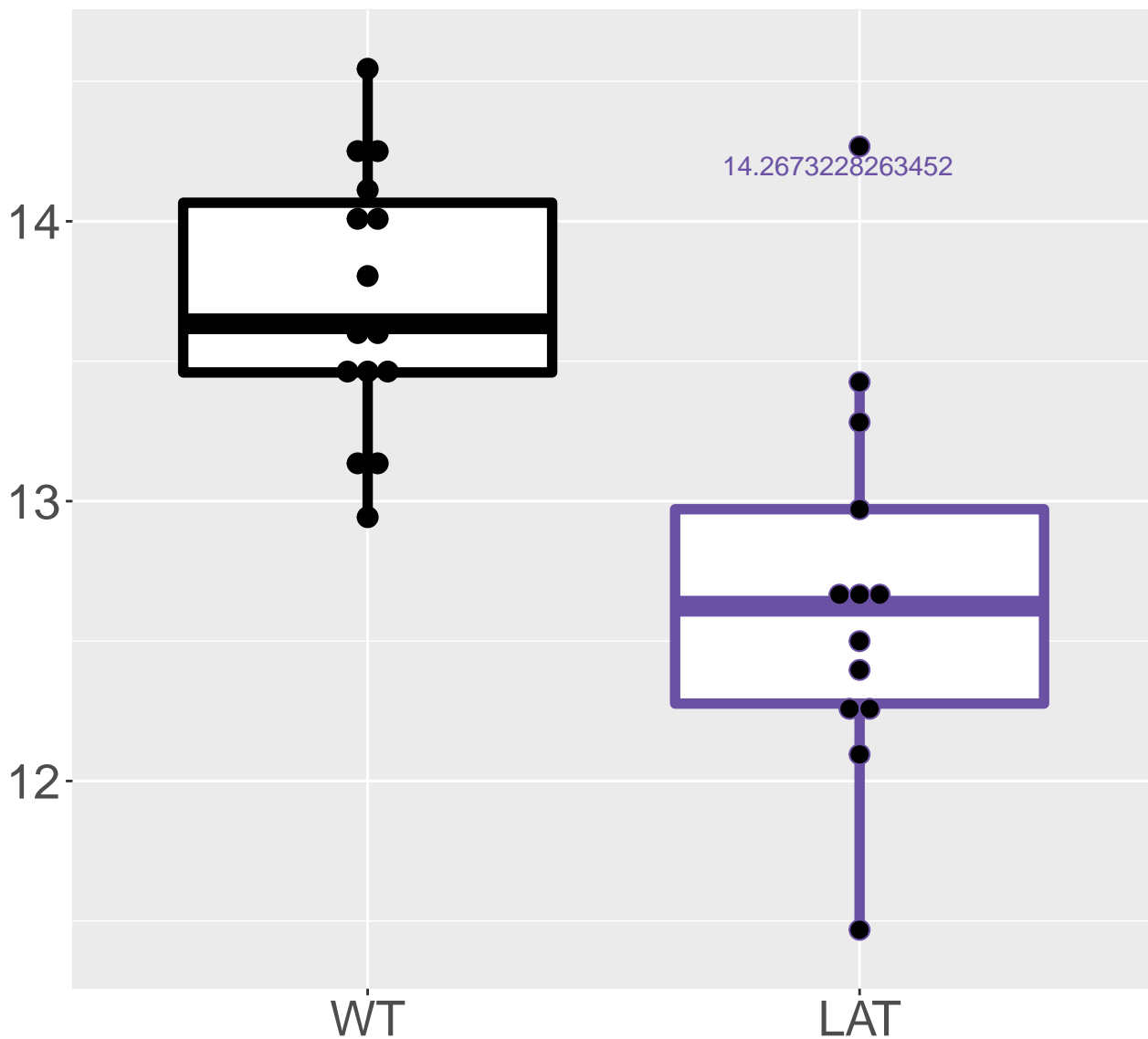
M903.2712T541.41

FDR = 0.00069, FC = -1.9



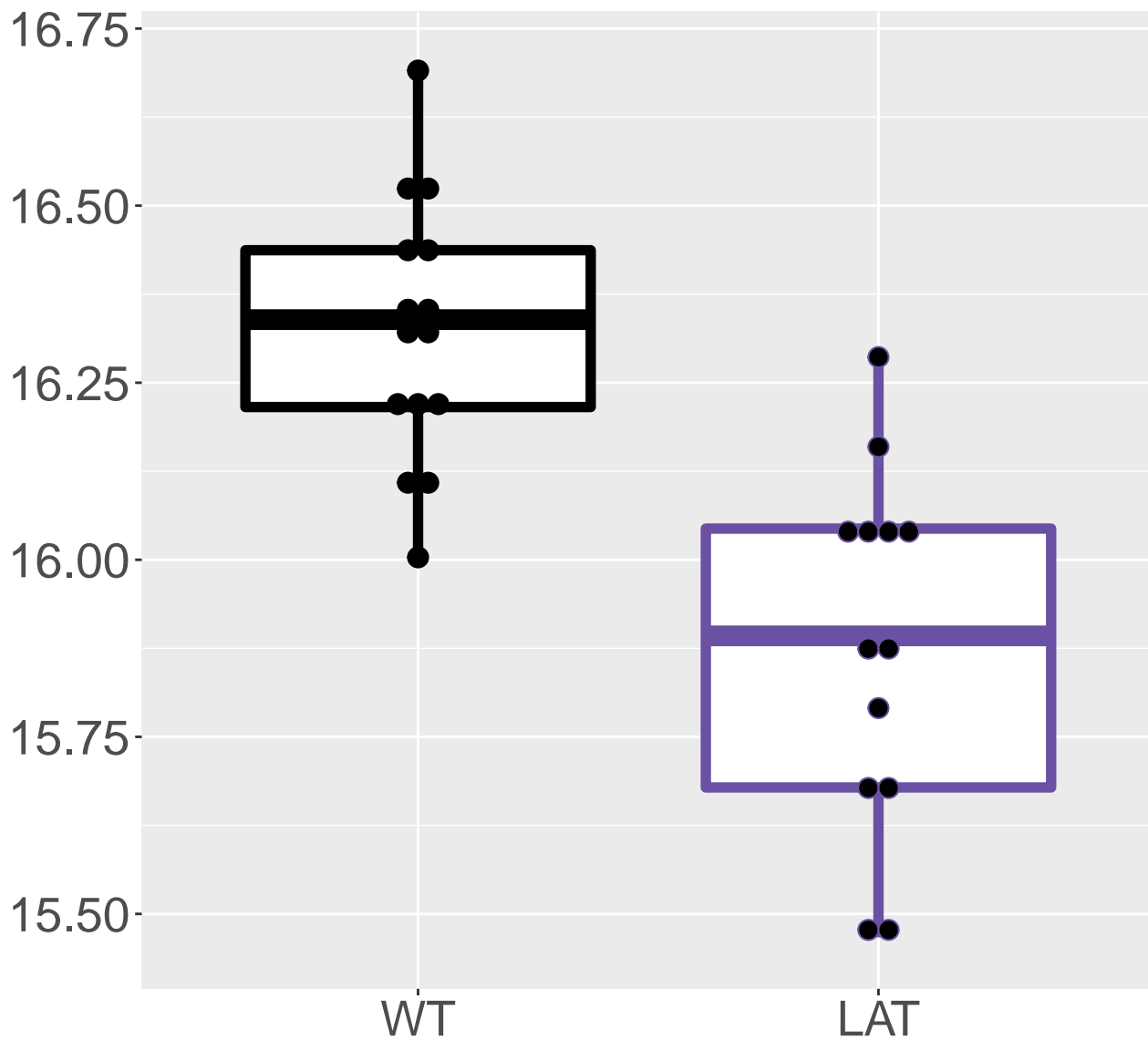
M993.3302T640.36

FDR = 0.00071, FC = -1



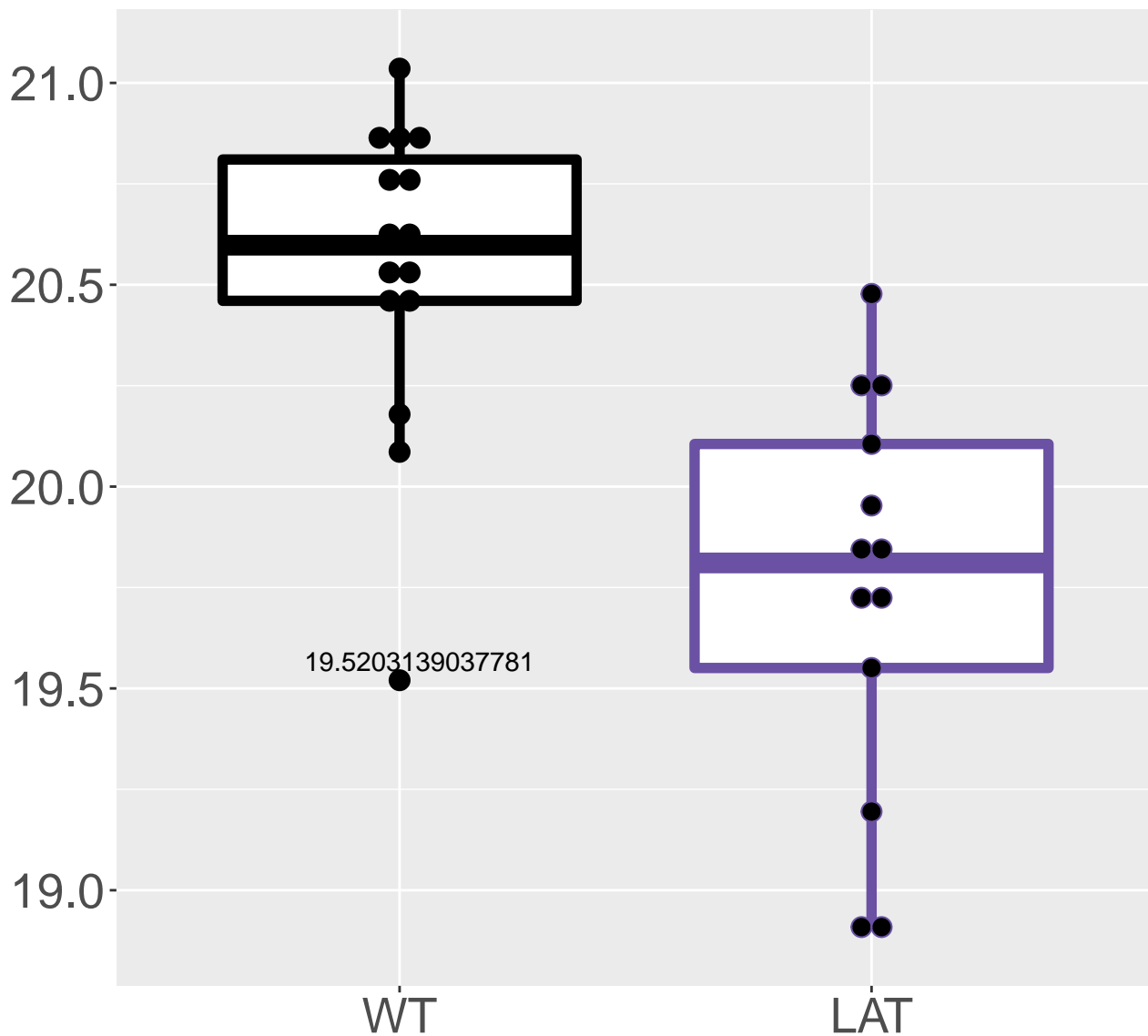
M330.0848T347.87

FDR = 0.00072, FC = -0.44



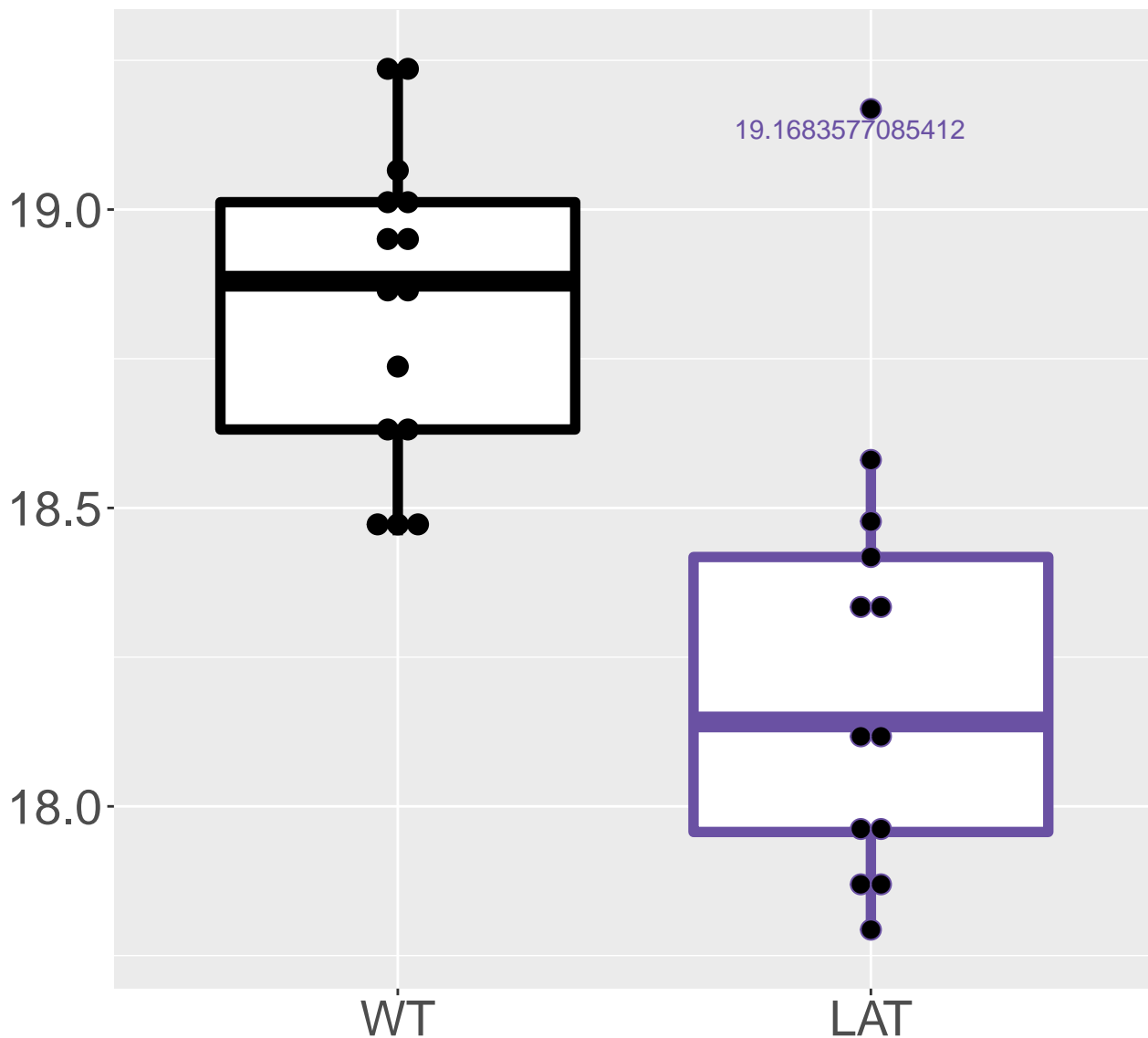
M293.0994T504.03

FDR = 0.00072, FC = -0.8



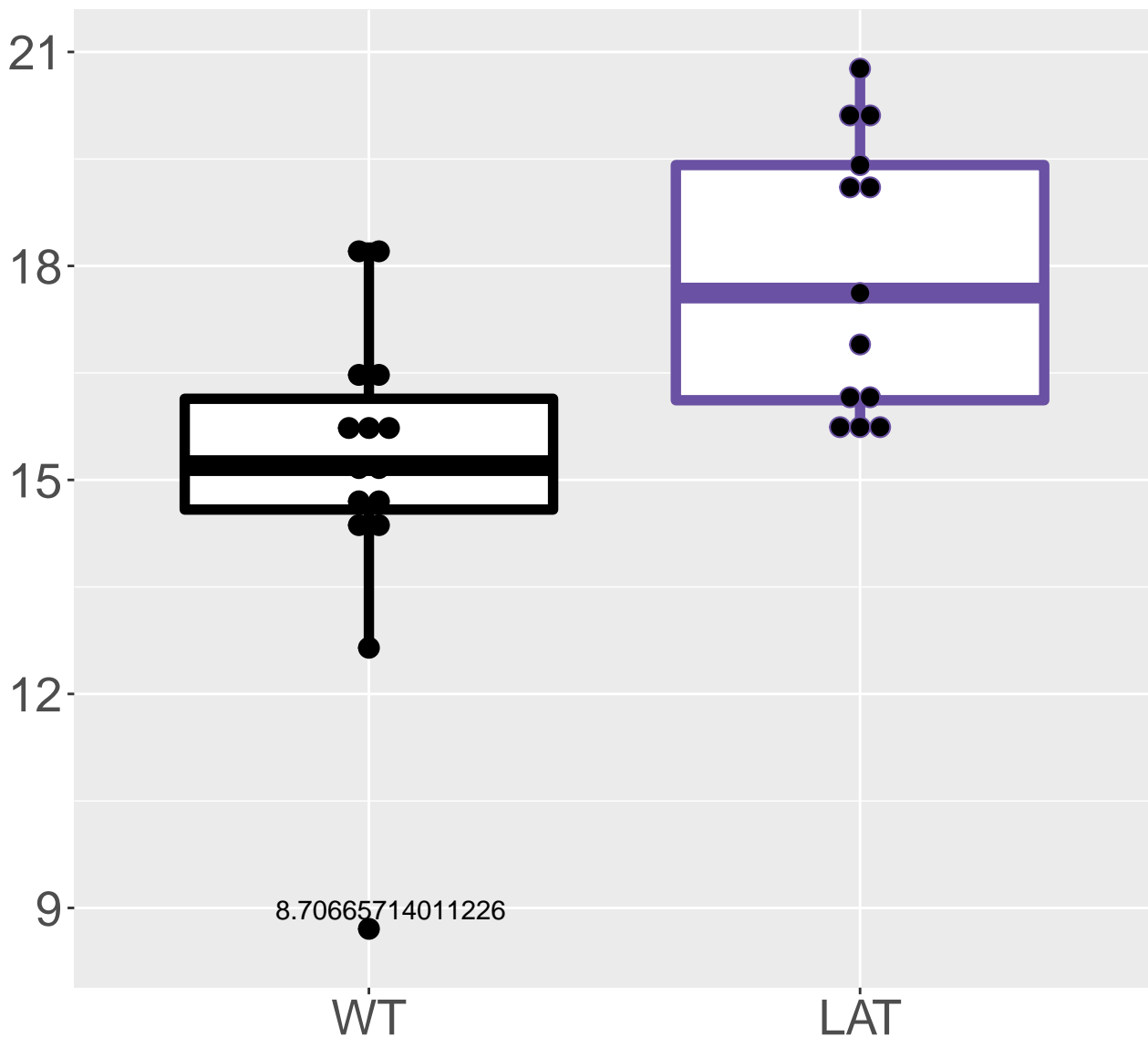
M384.1236T577.93

FDR = 0.00073, FC = -0.61



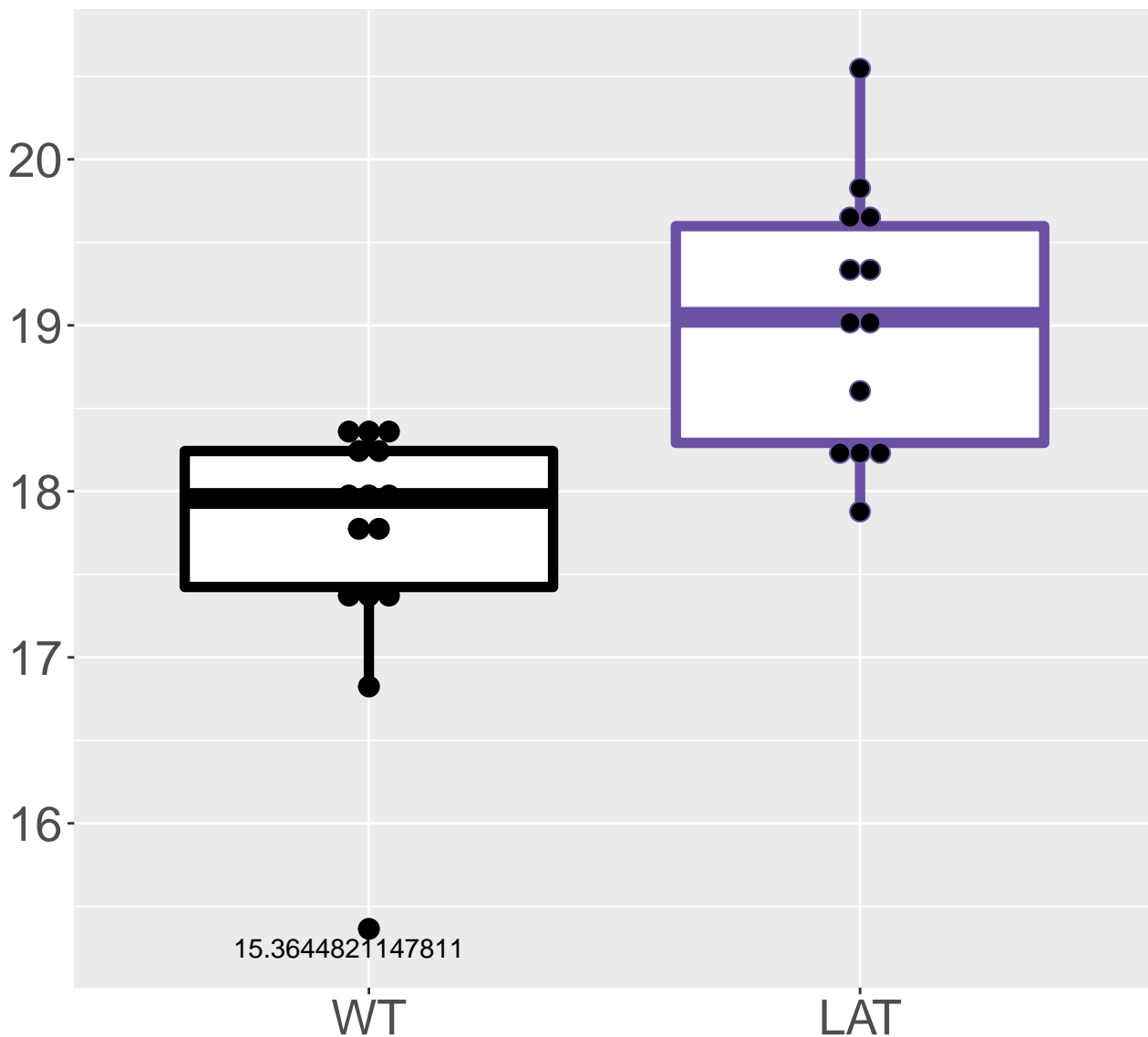
M189.0341T135.94

FDR = 0.00073, FC = 2.8, sex***



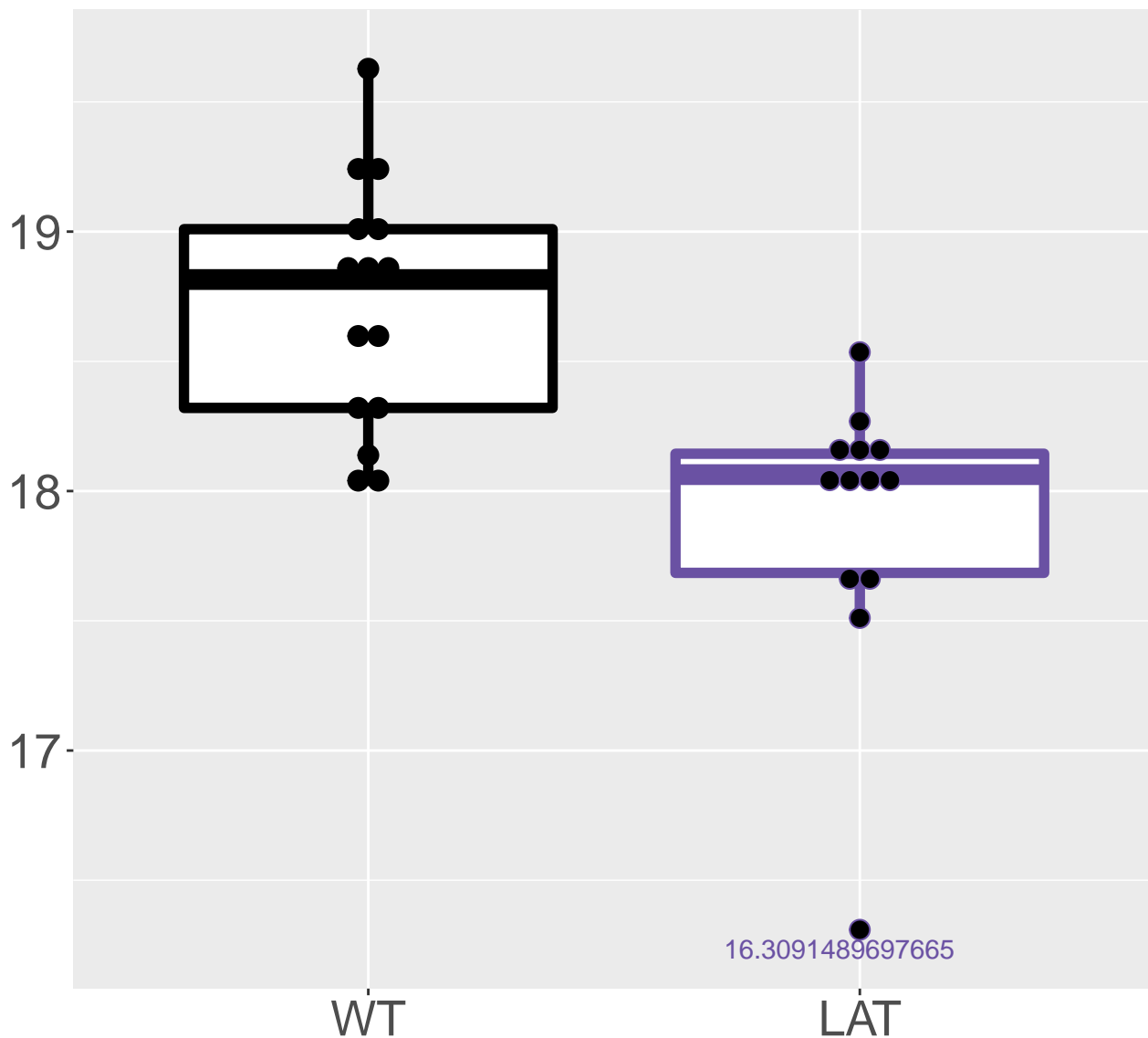
M134.0474T569.14

FDR = 0.00077, FC = 1.4



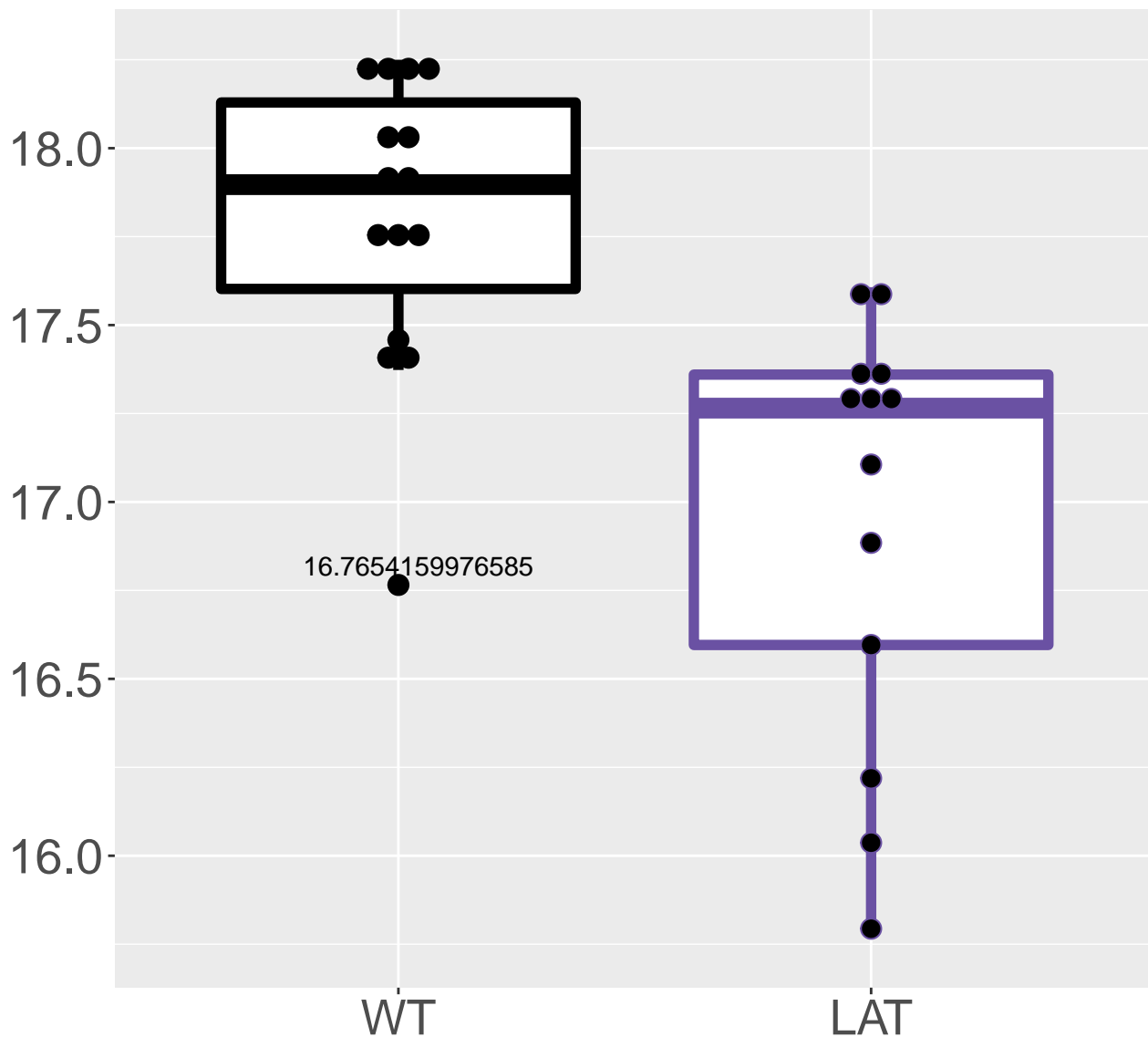
M557.4578T78.2

FDR = 0.00077, FC = -0.83



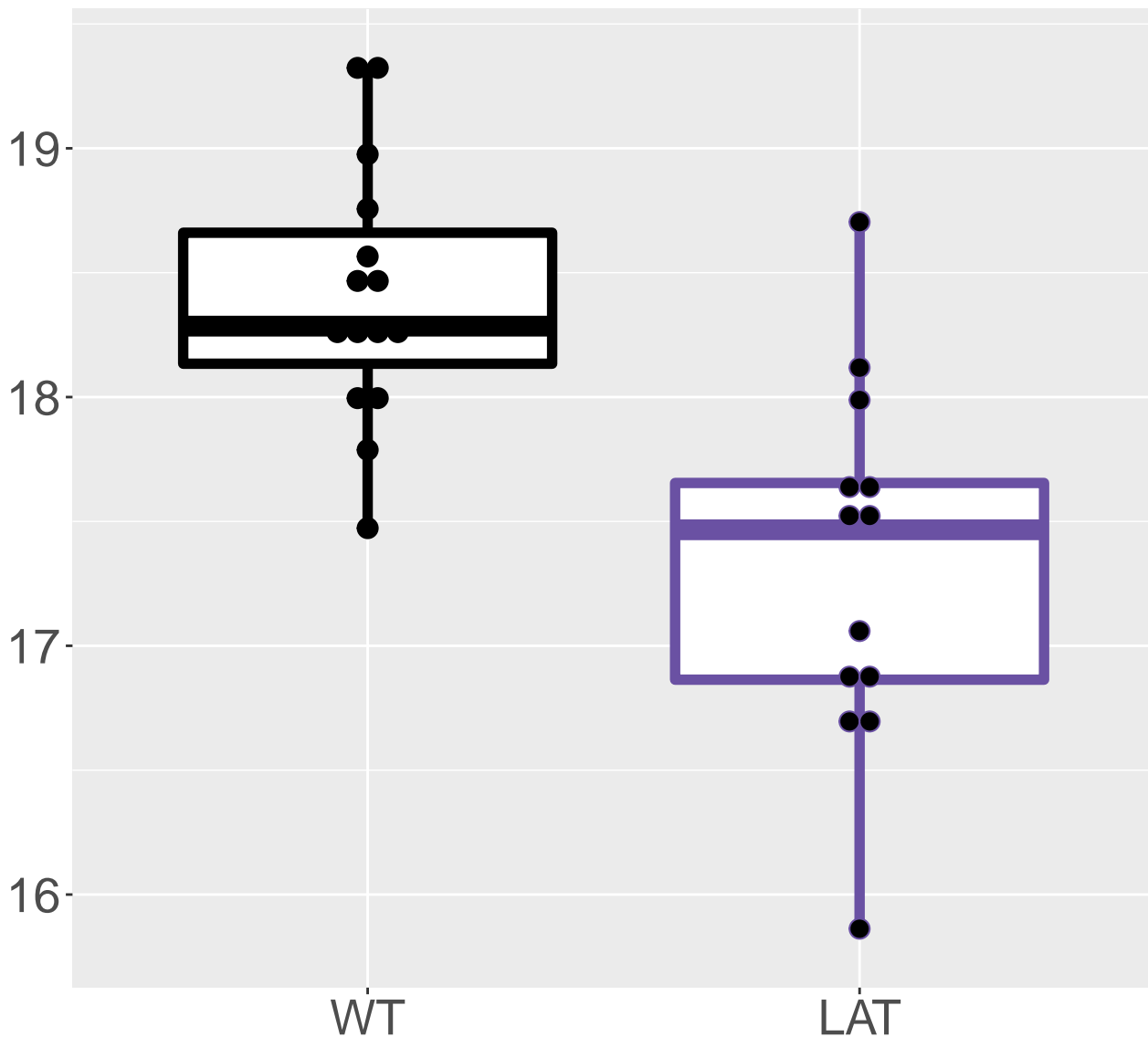
M473.163T494.6

FDR = 0.00081, FC = -0.85



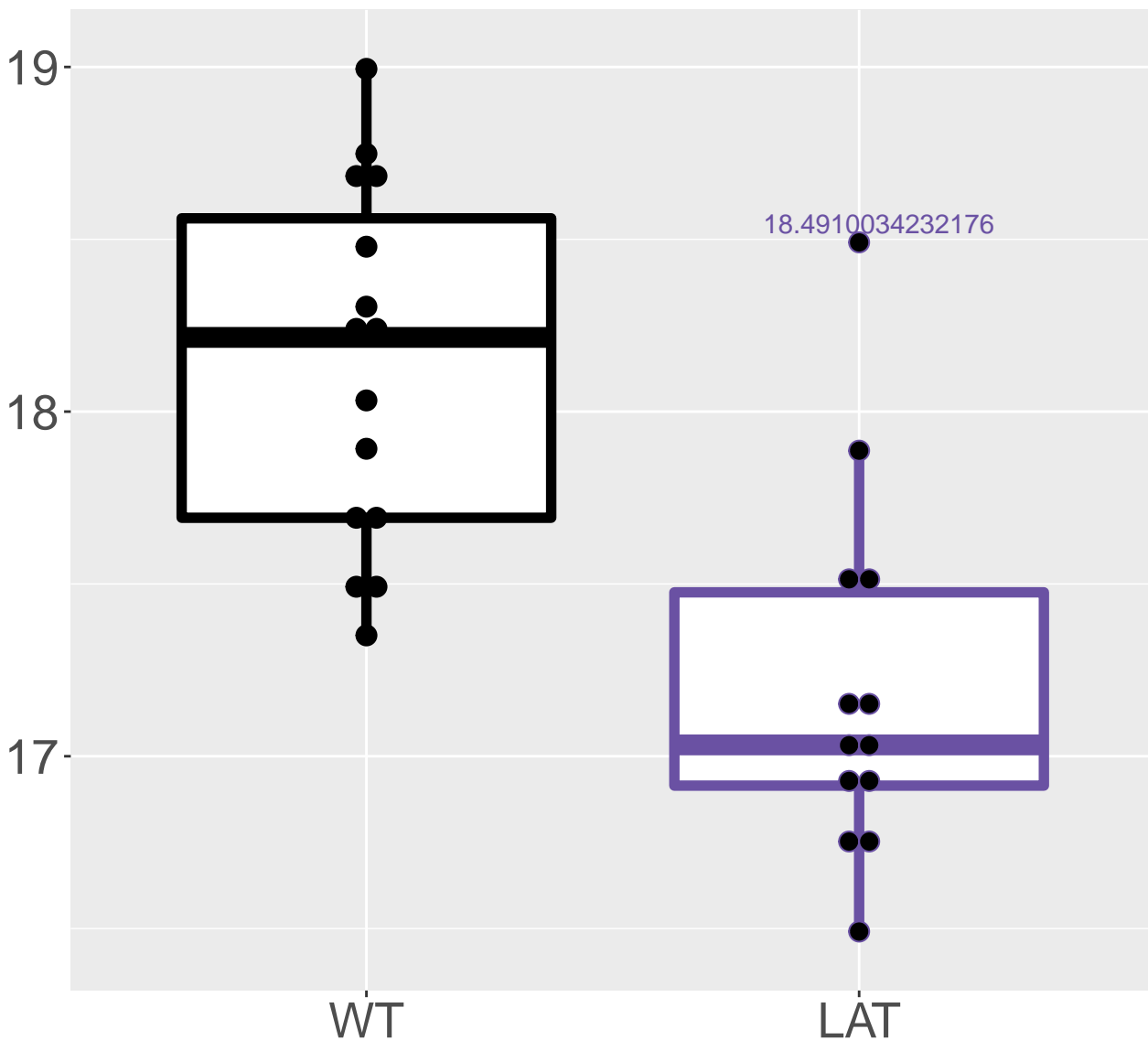
M782.2061T543.01

FDR = 0.00082, FC = -1.1



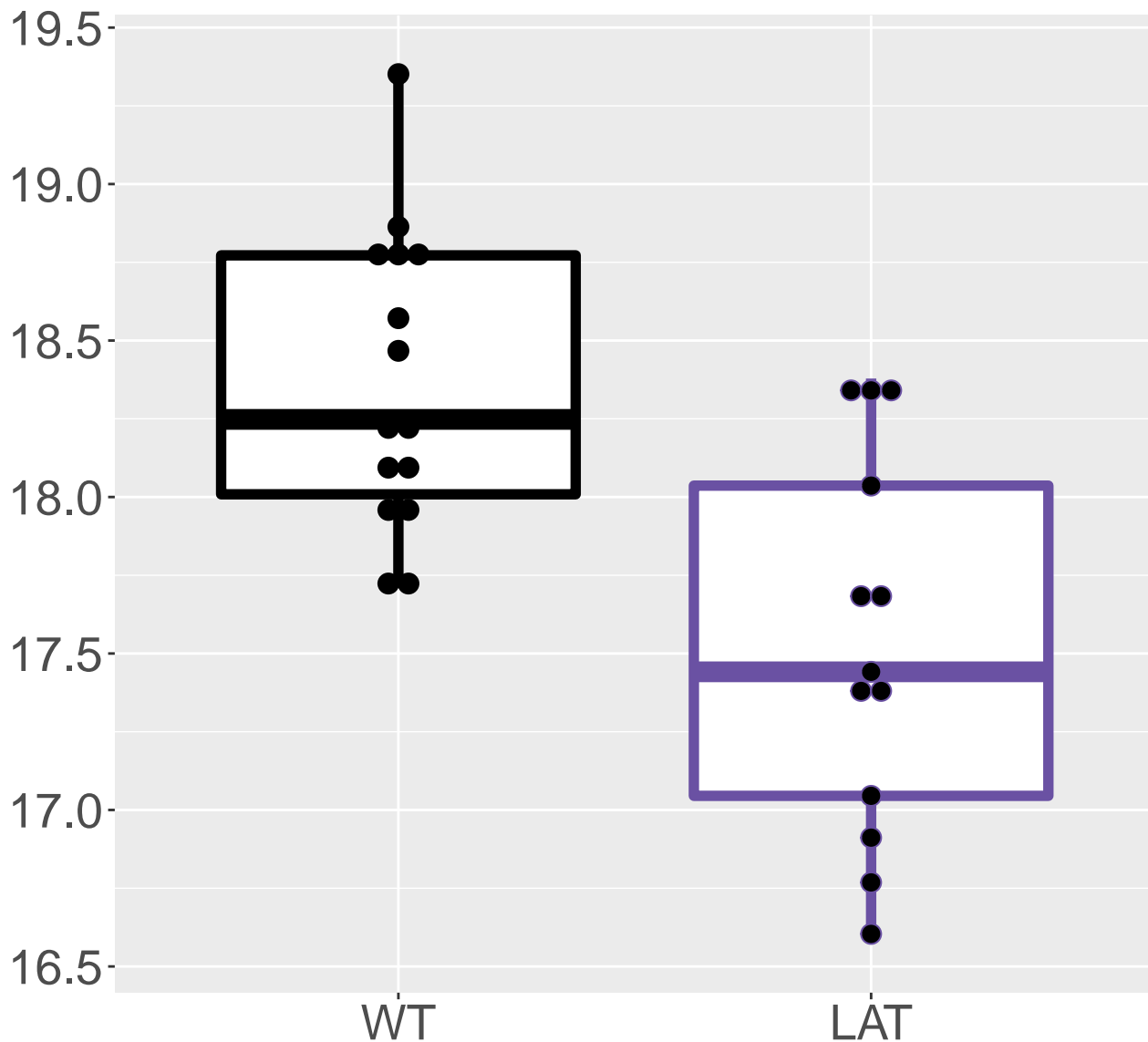
M524.6654T639.15_1

FDR = 0.00084, FC = -0.93



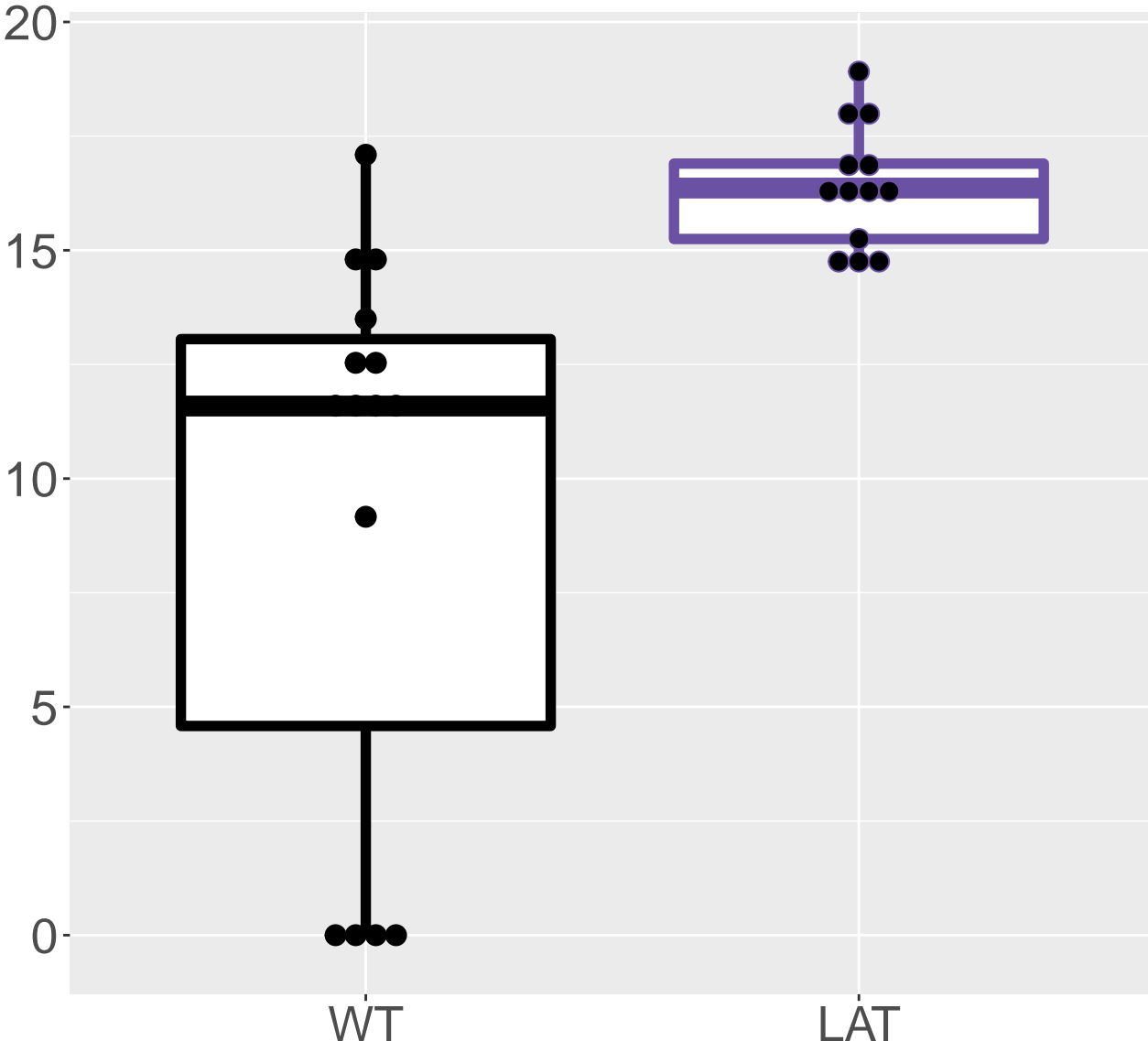
M657.2132T526.61

FDR = 0.00084, FC = -0.84, sex*



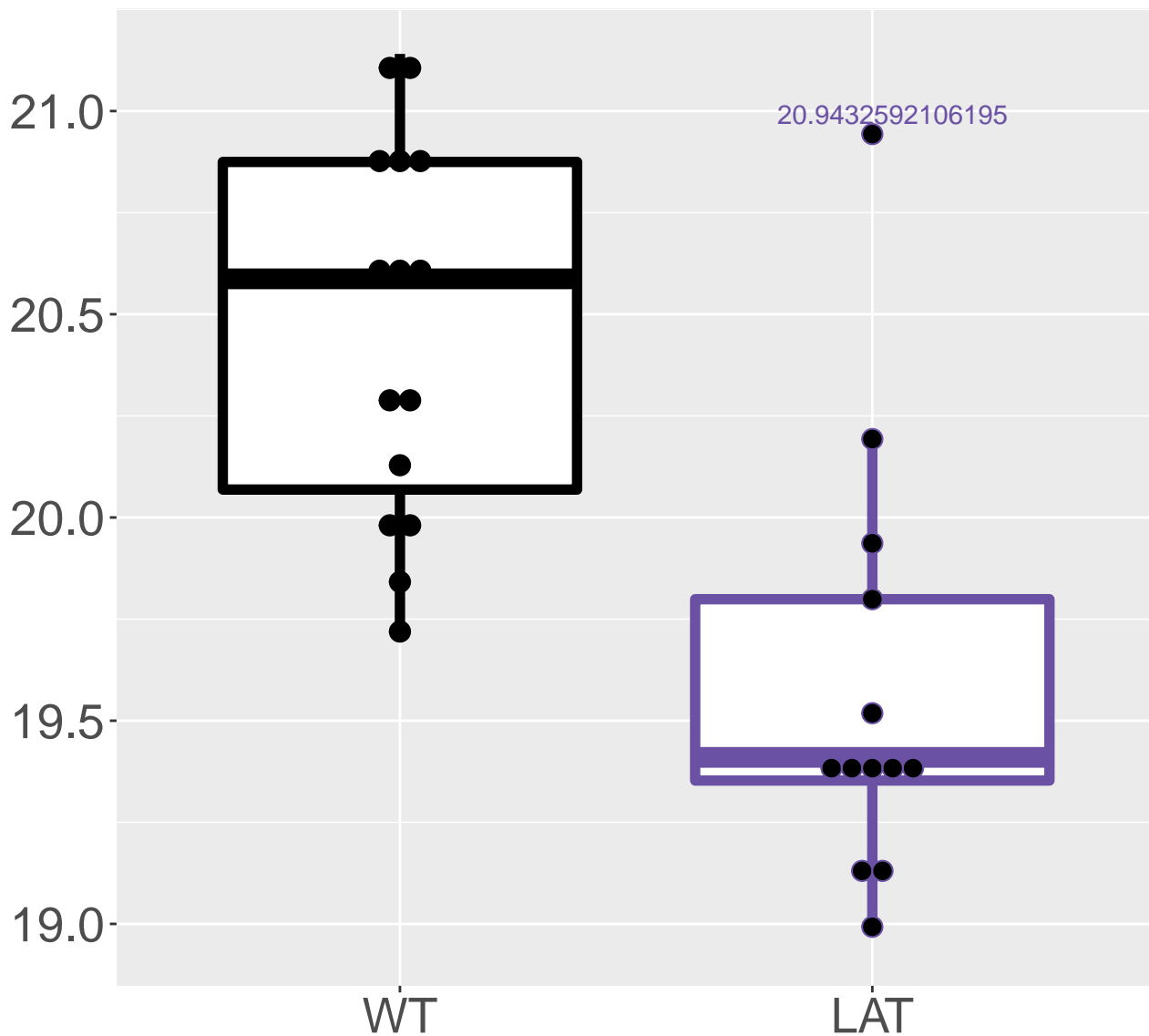
M370.9793T578.07

FDR = 0.00086, FC = 7, sex*



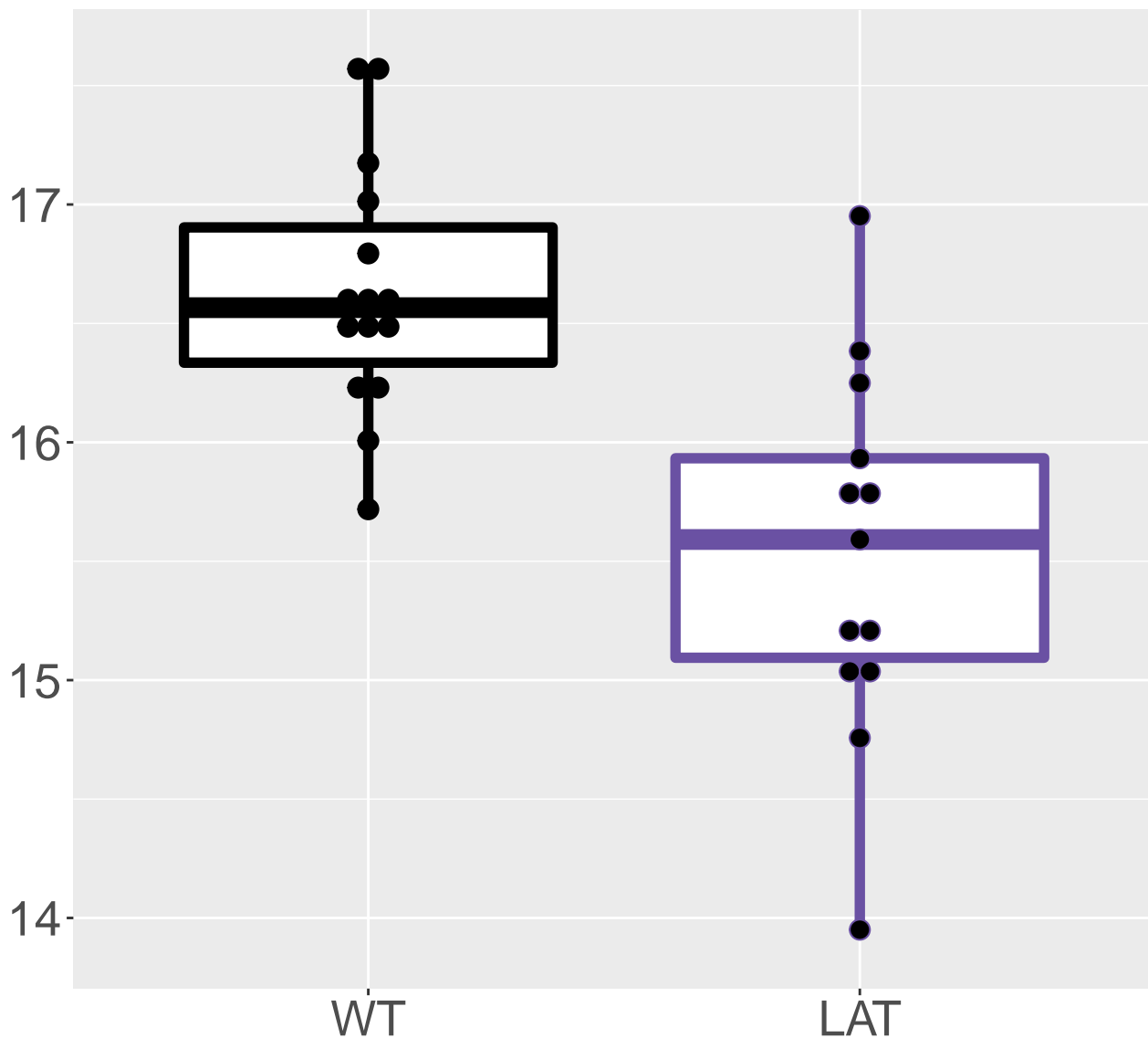
M494.1575T639.61

FDR = 0.00086, FC = -0.88



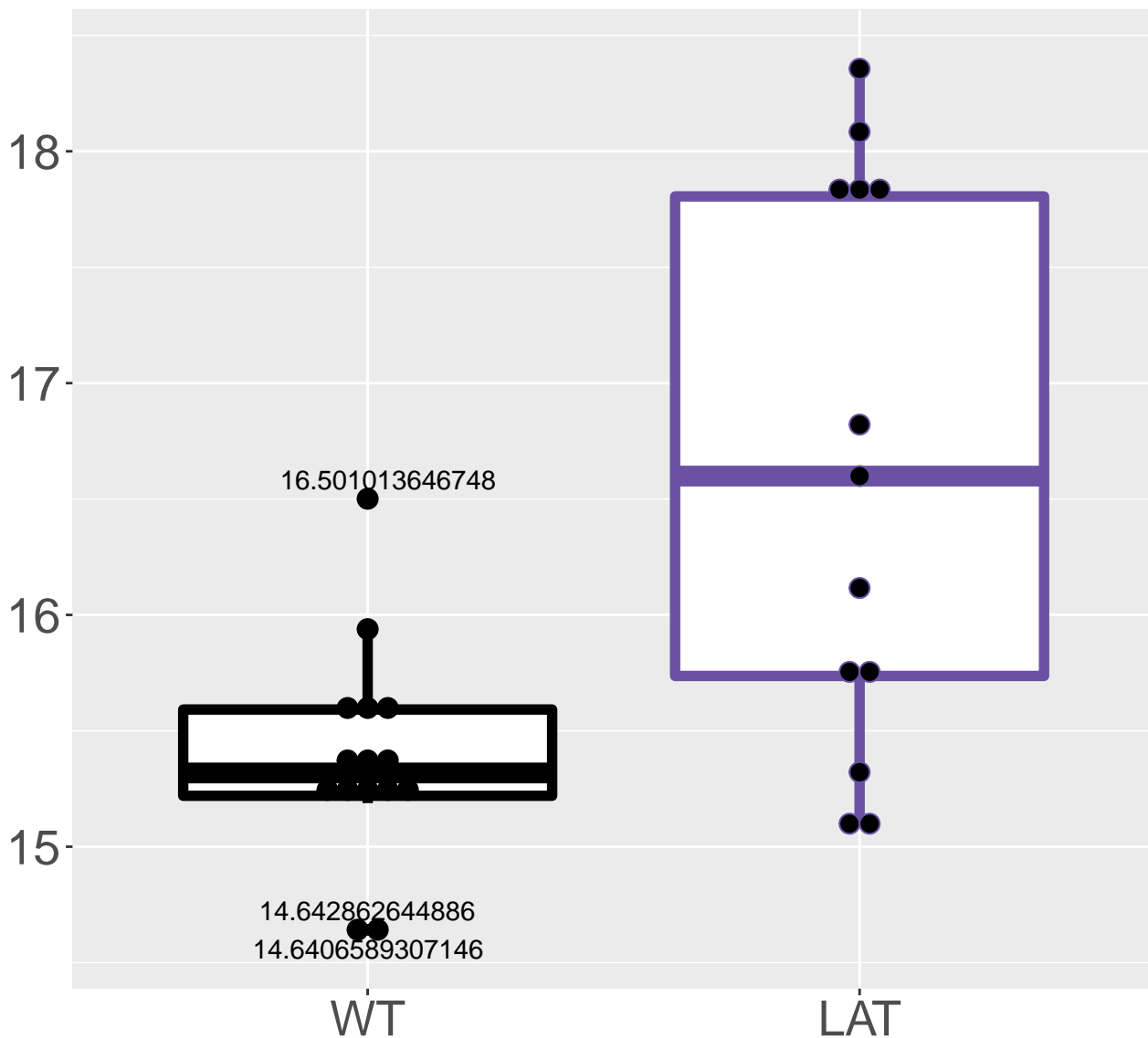
M783.2079T542.95

FDR = 0.00088, FC = -1.1



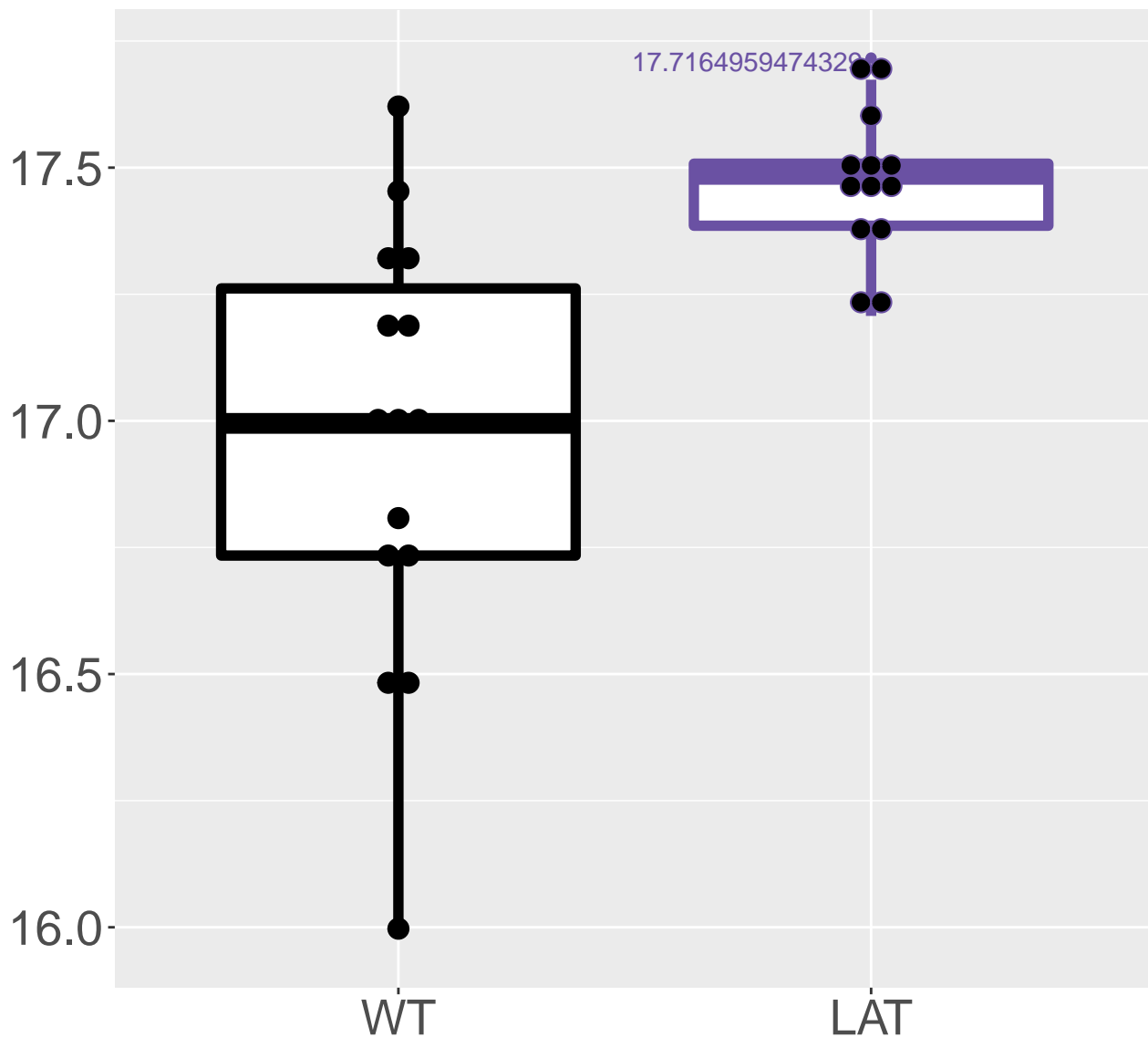
M196.0286T509.61

FDR = 0.00088, FC = 1.3, sex**



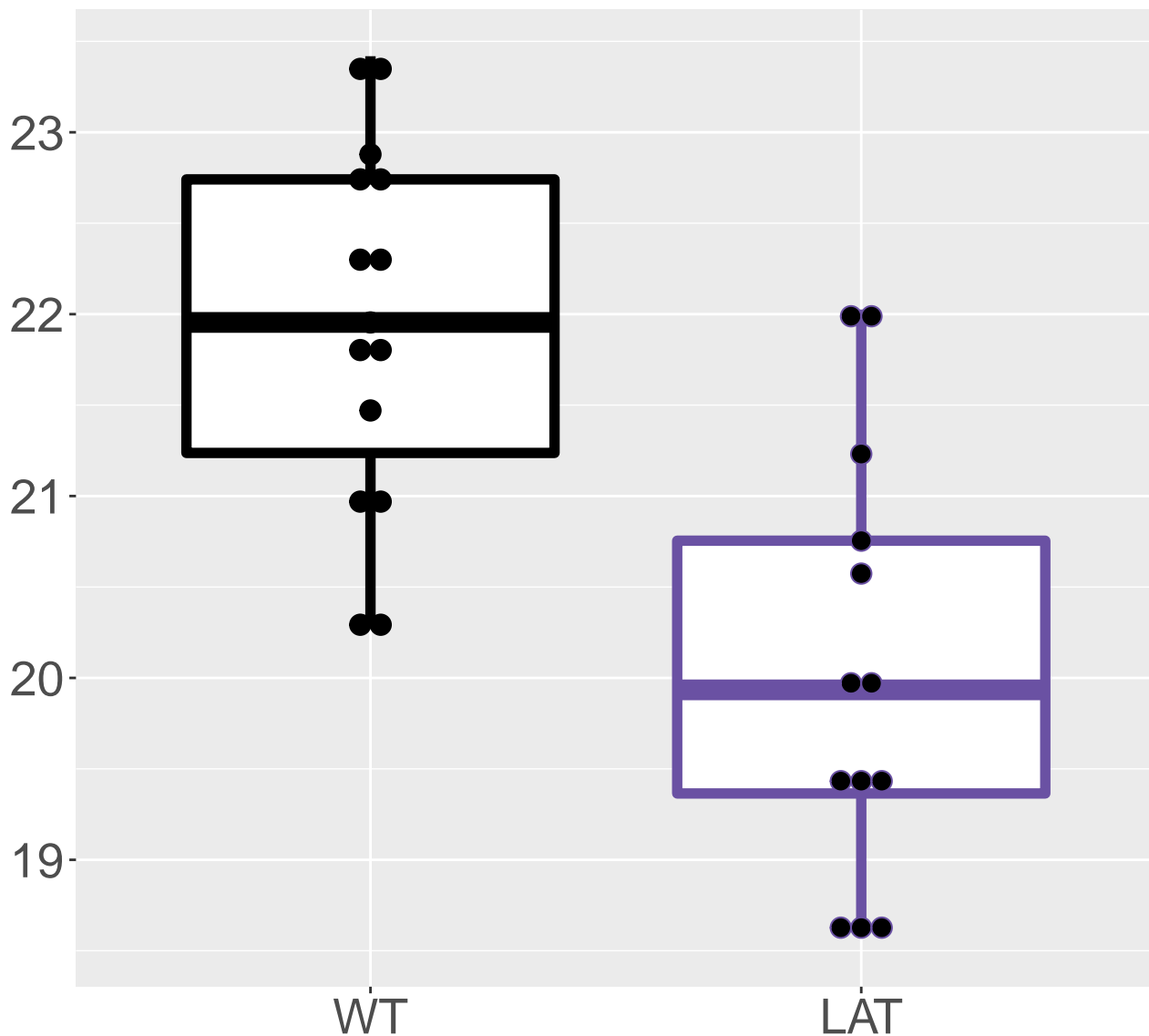
Pyridoxamine 5'-phosphate

FDR = 0.00089, FC = 0.52



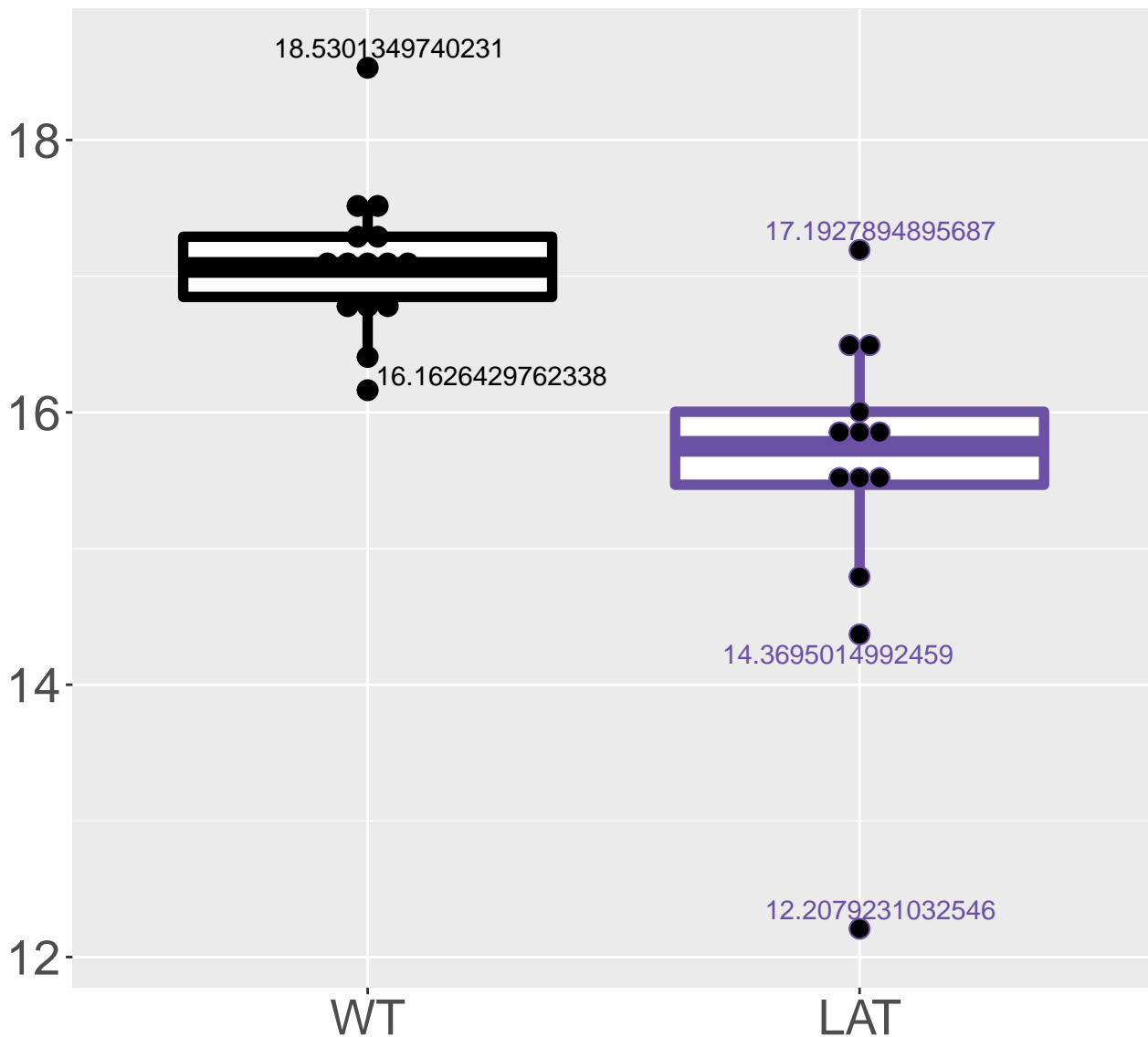
M437.2147T202.08

FDR = 0.00089, FC = -1.9



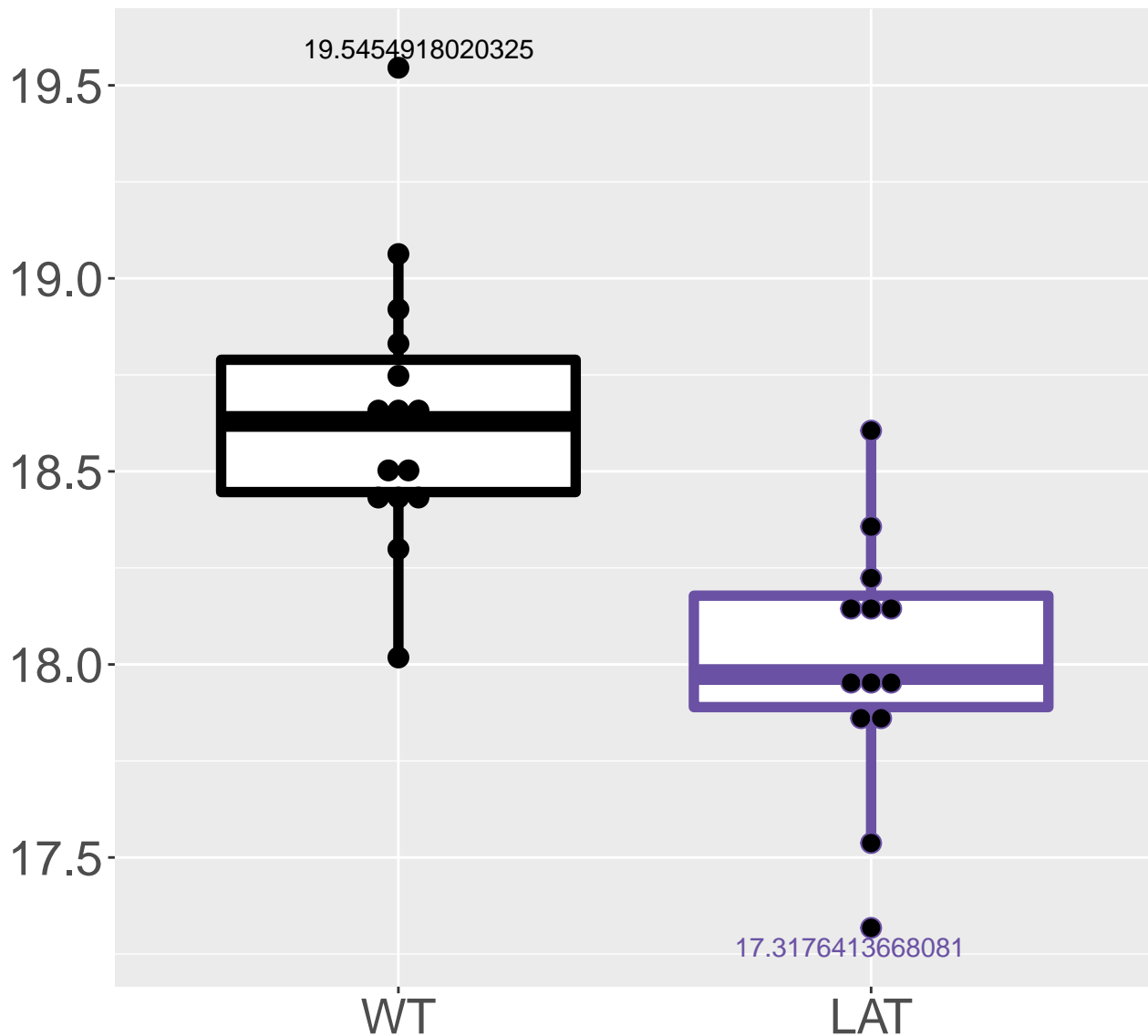
M413.1242T328.24

FDR = 0.00089, FC = -1.6

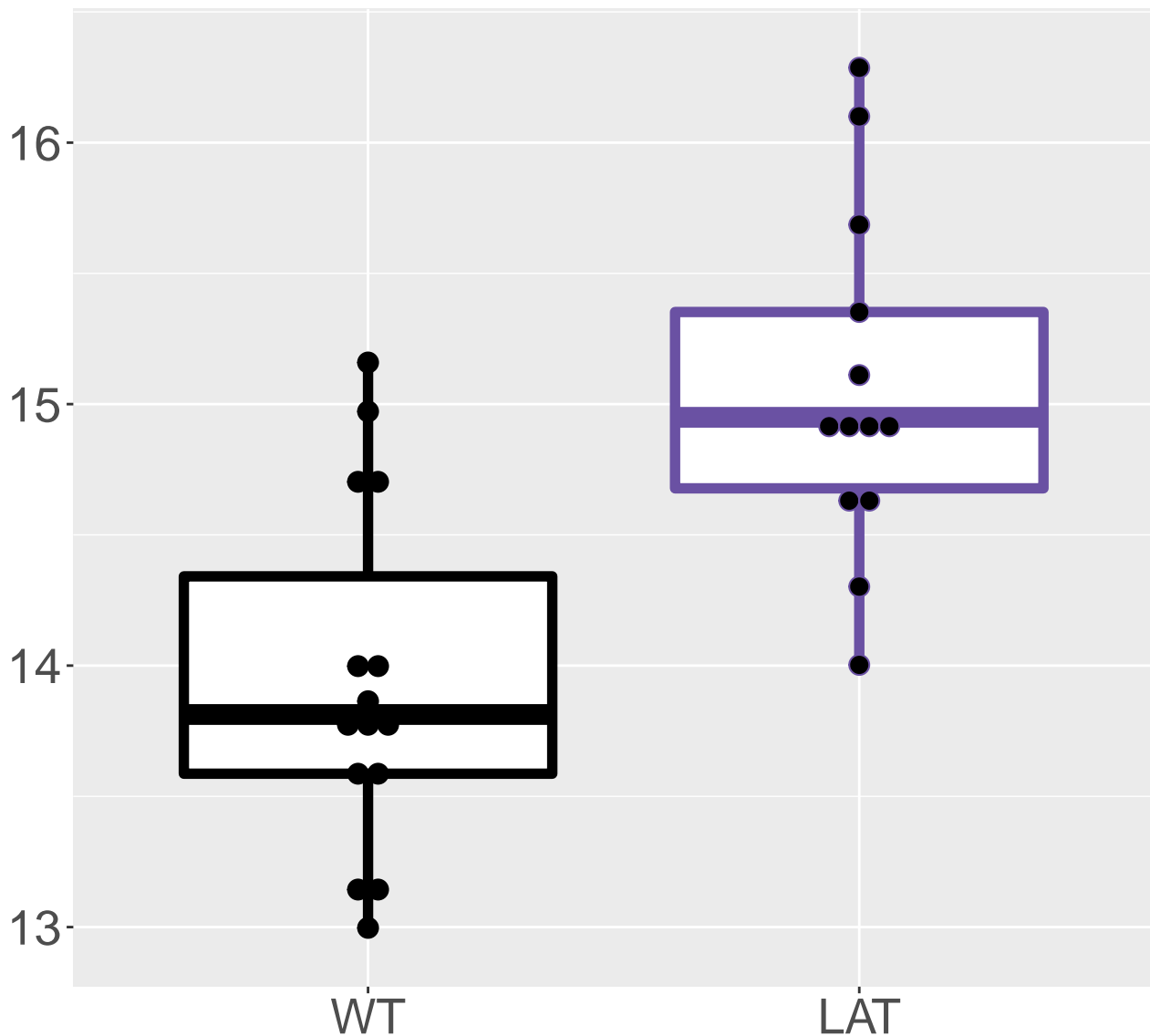


M150.0328T387.63

FDR = 0.00089, FC = -0.64

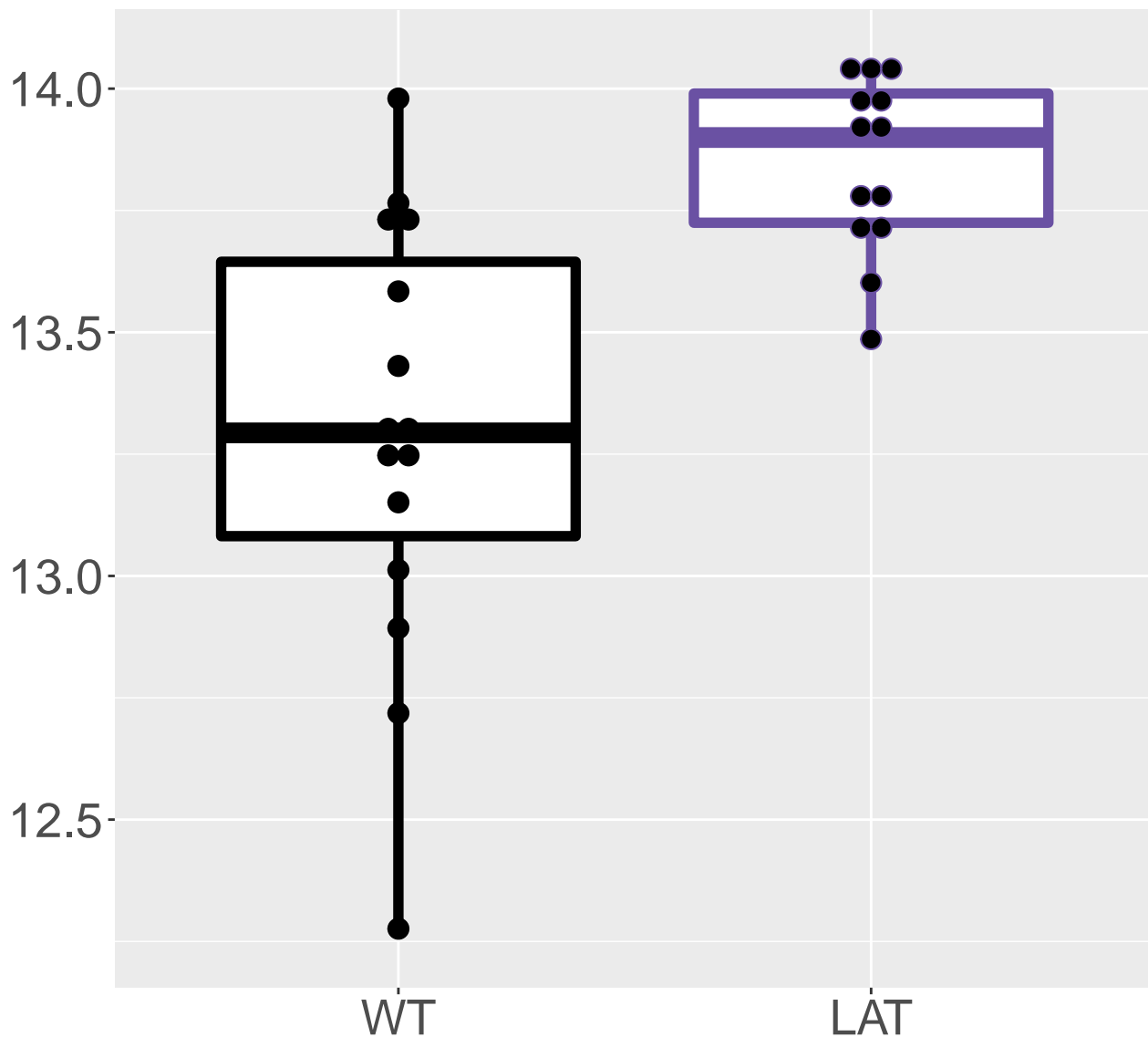


GTP;Guanosine triphosphate;5'-GTP;Guanosin
FDR = 9e-04, FC = 1.1



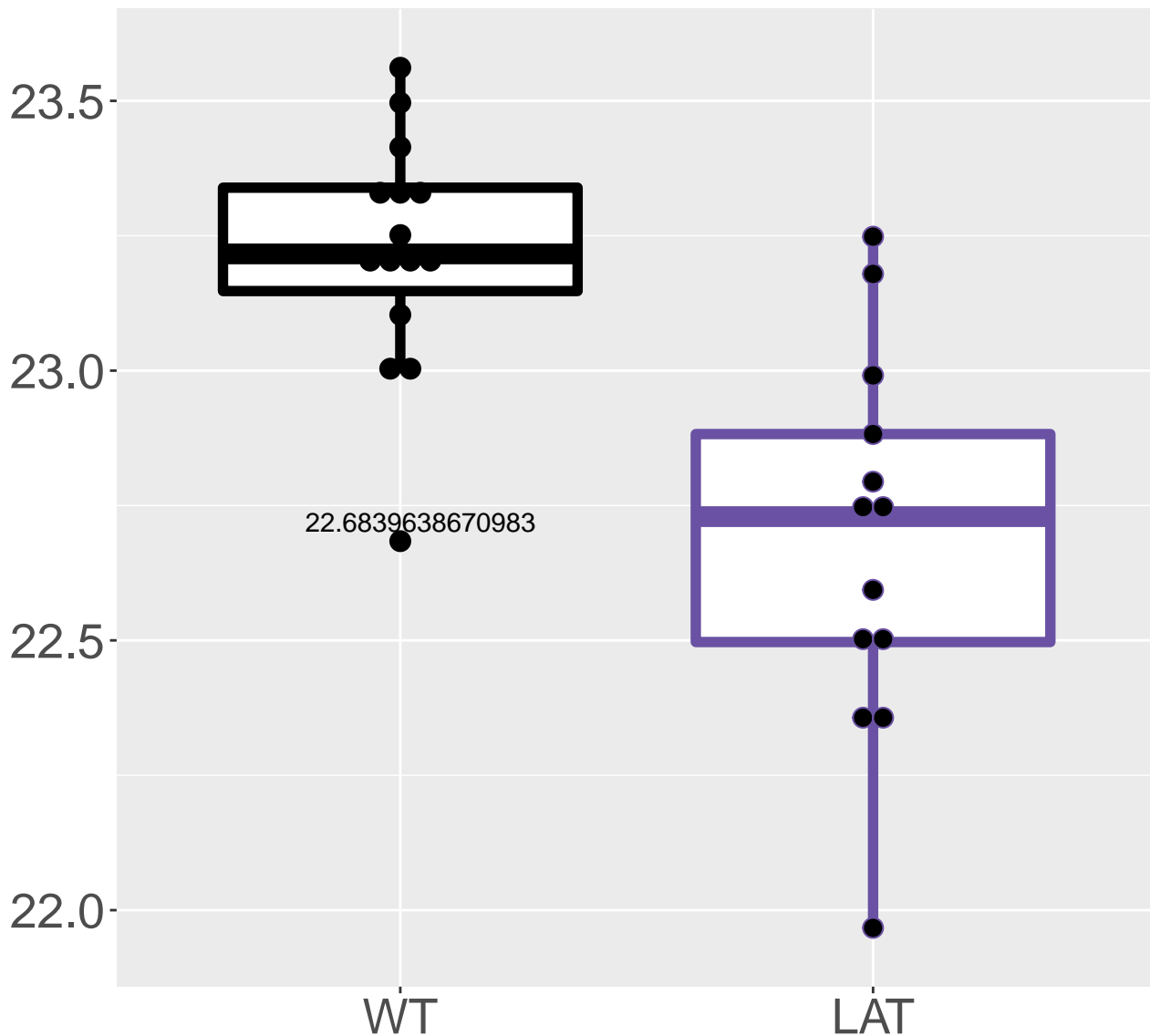
M319.0786T651.7

FDR = $9e-04$, FC = 0.55



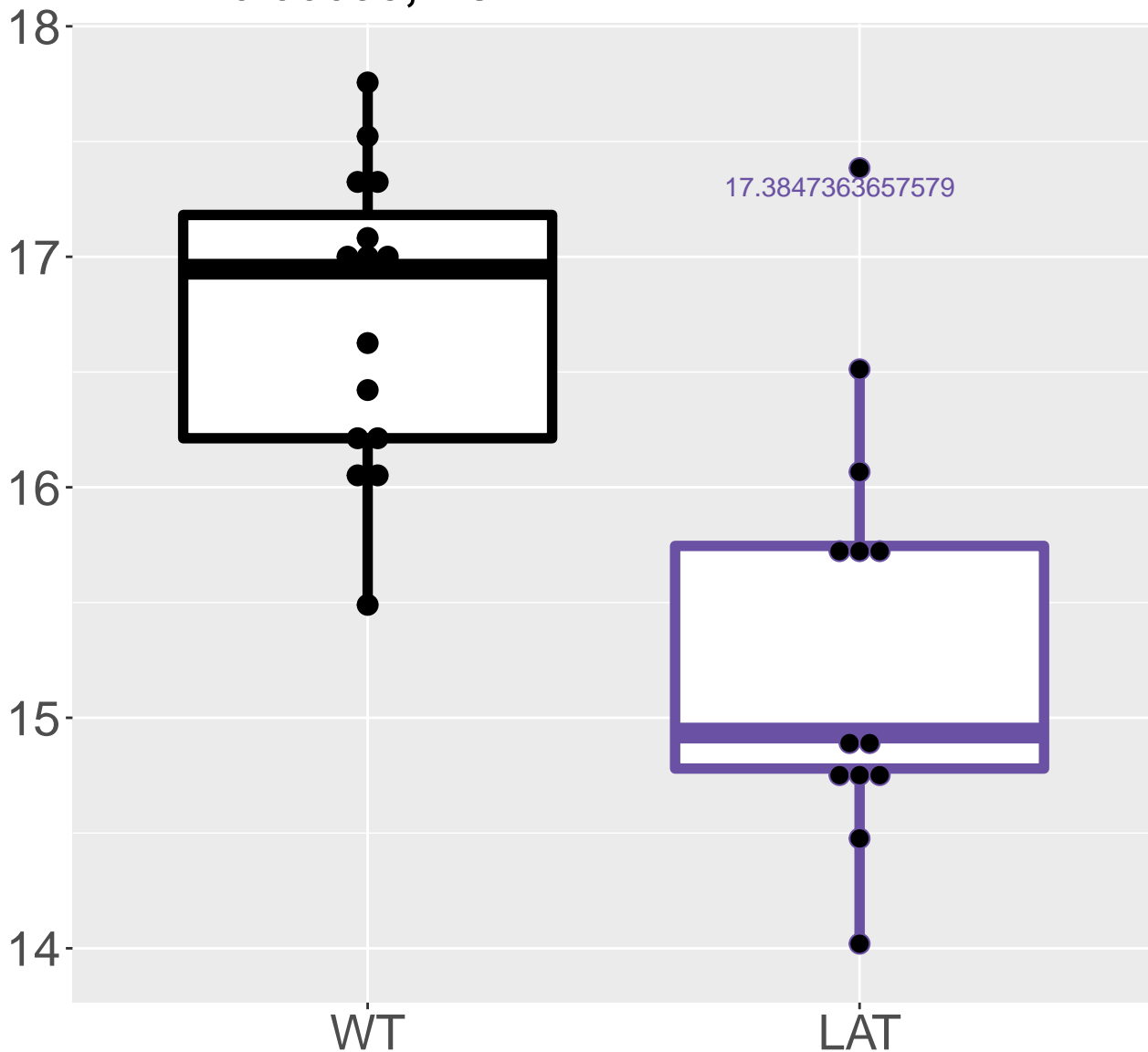
M131.0907T216.71

FDR = $9e-04$, FC = -0.54

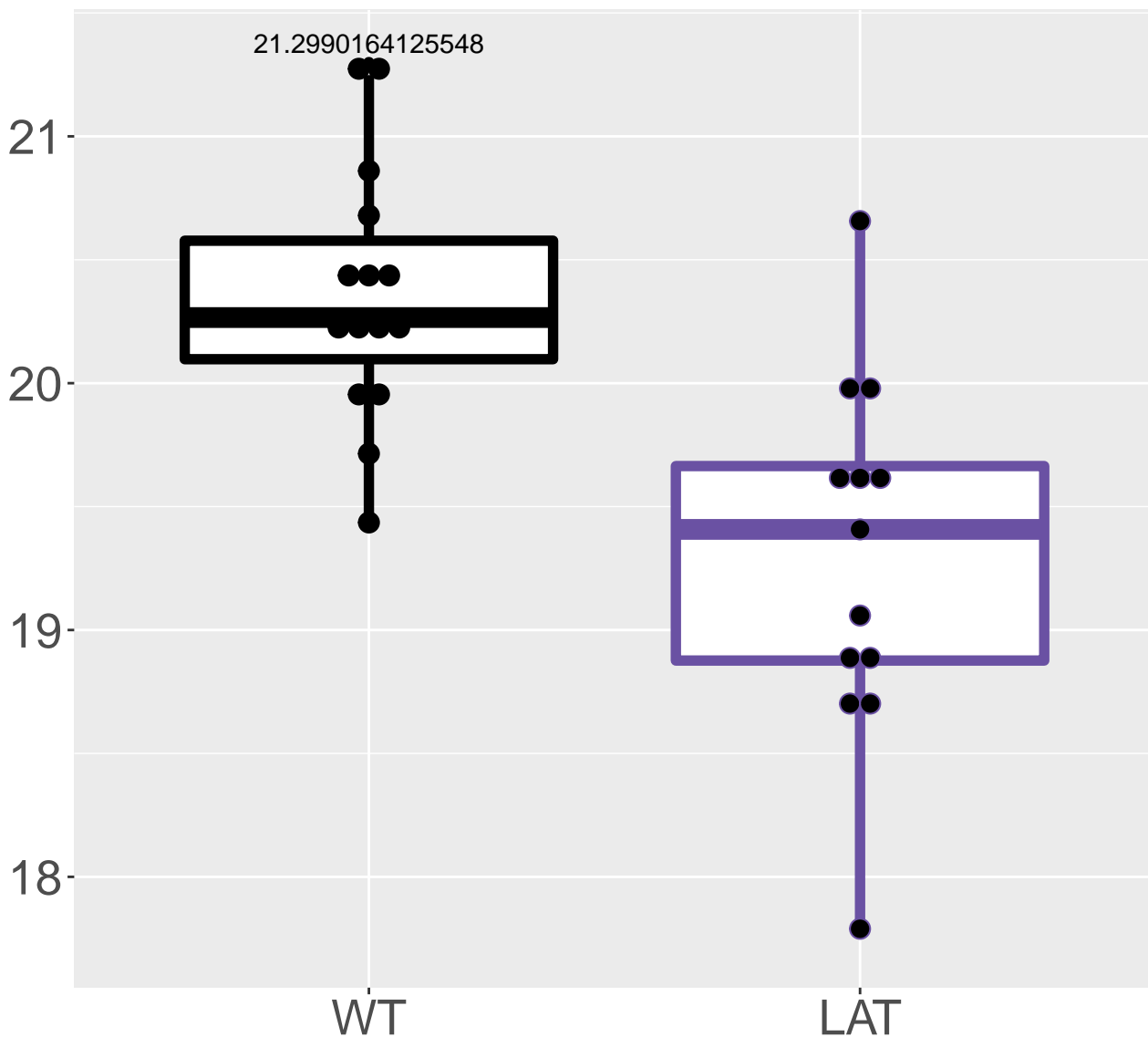


M999.8293T608.26

FDR = 0.00093, FC = -1.4

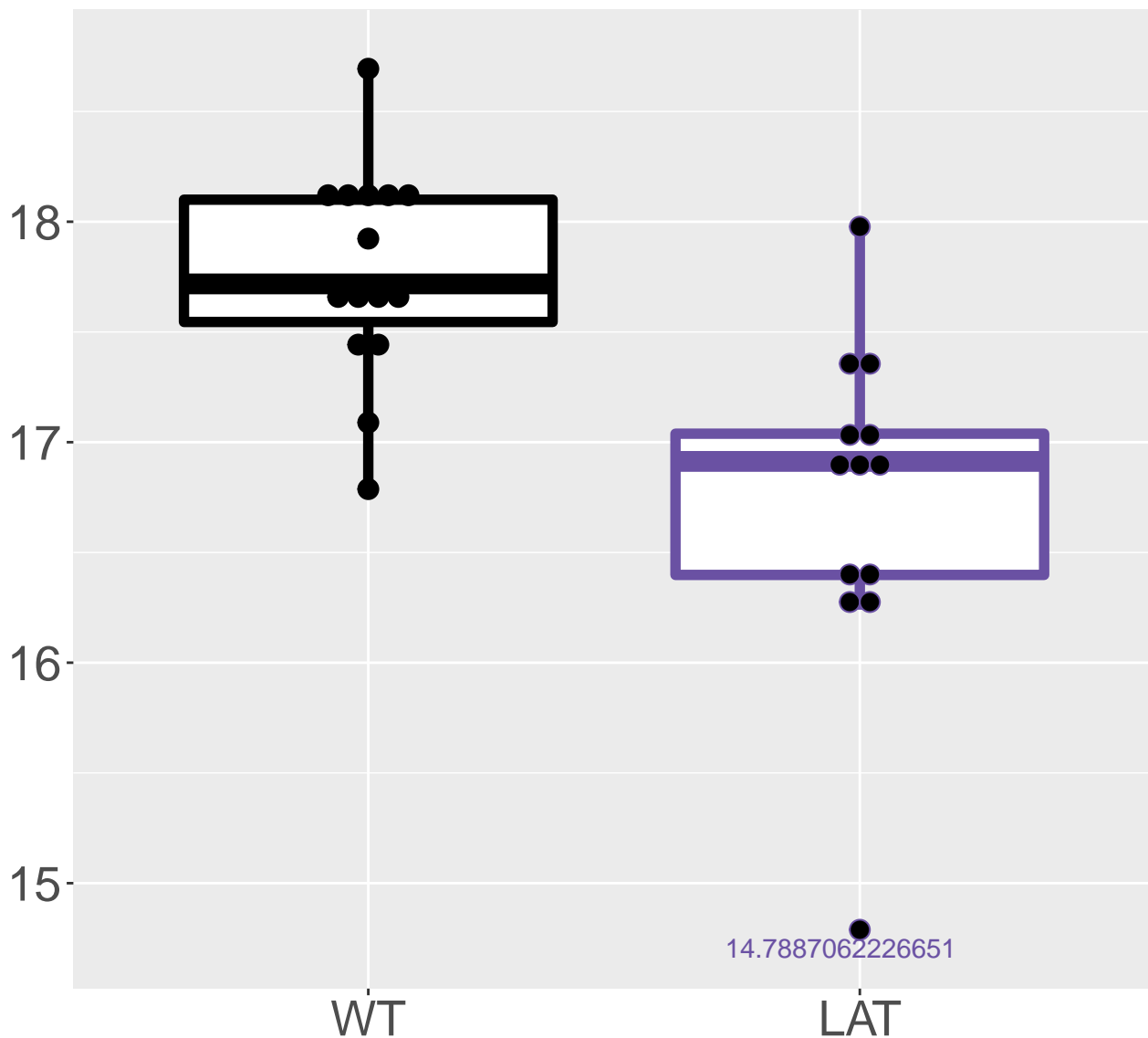


FDR = 0.00093, FC = -1.1



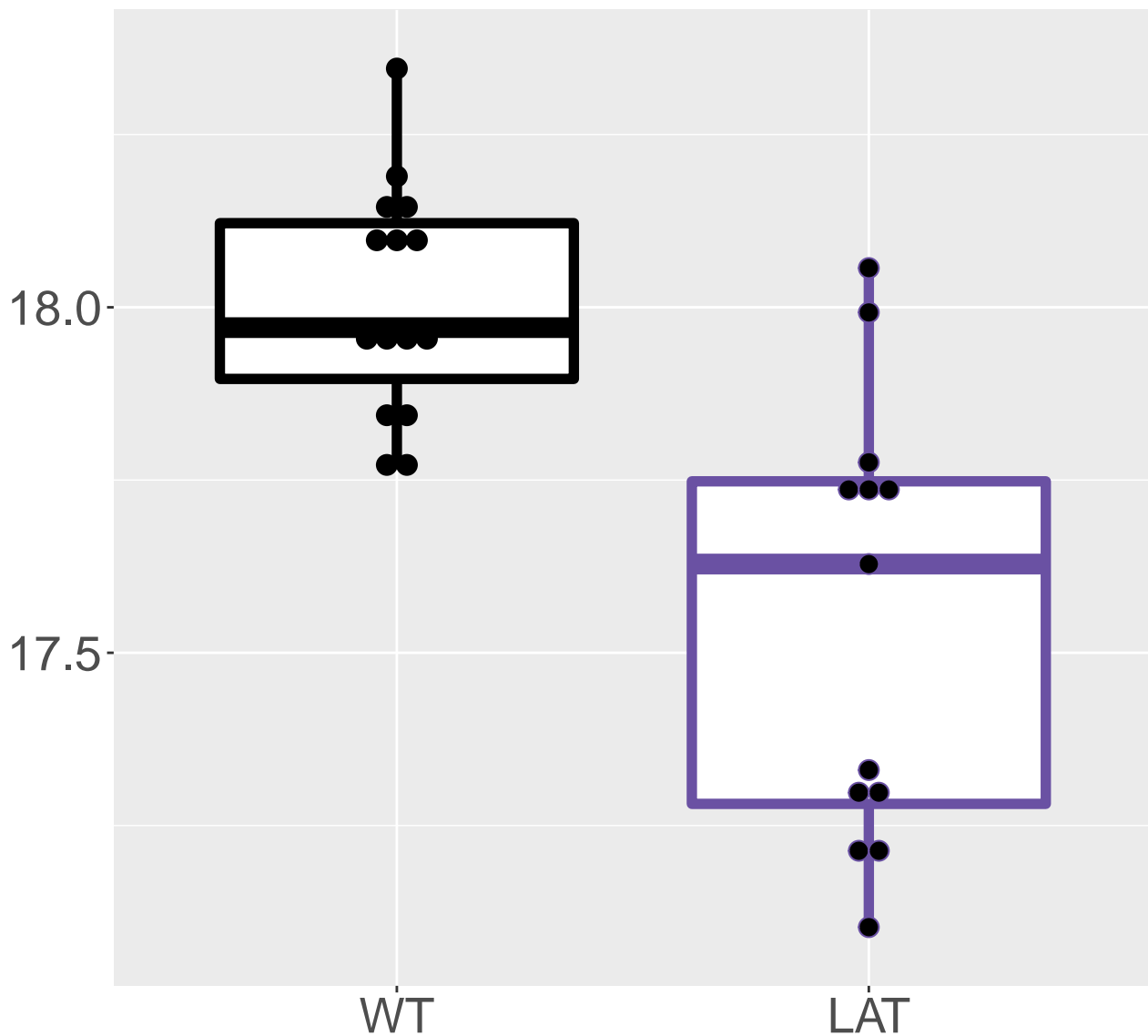
M511.2513T208.73

FDR = 0.00093, FC = -1



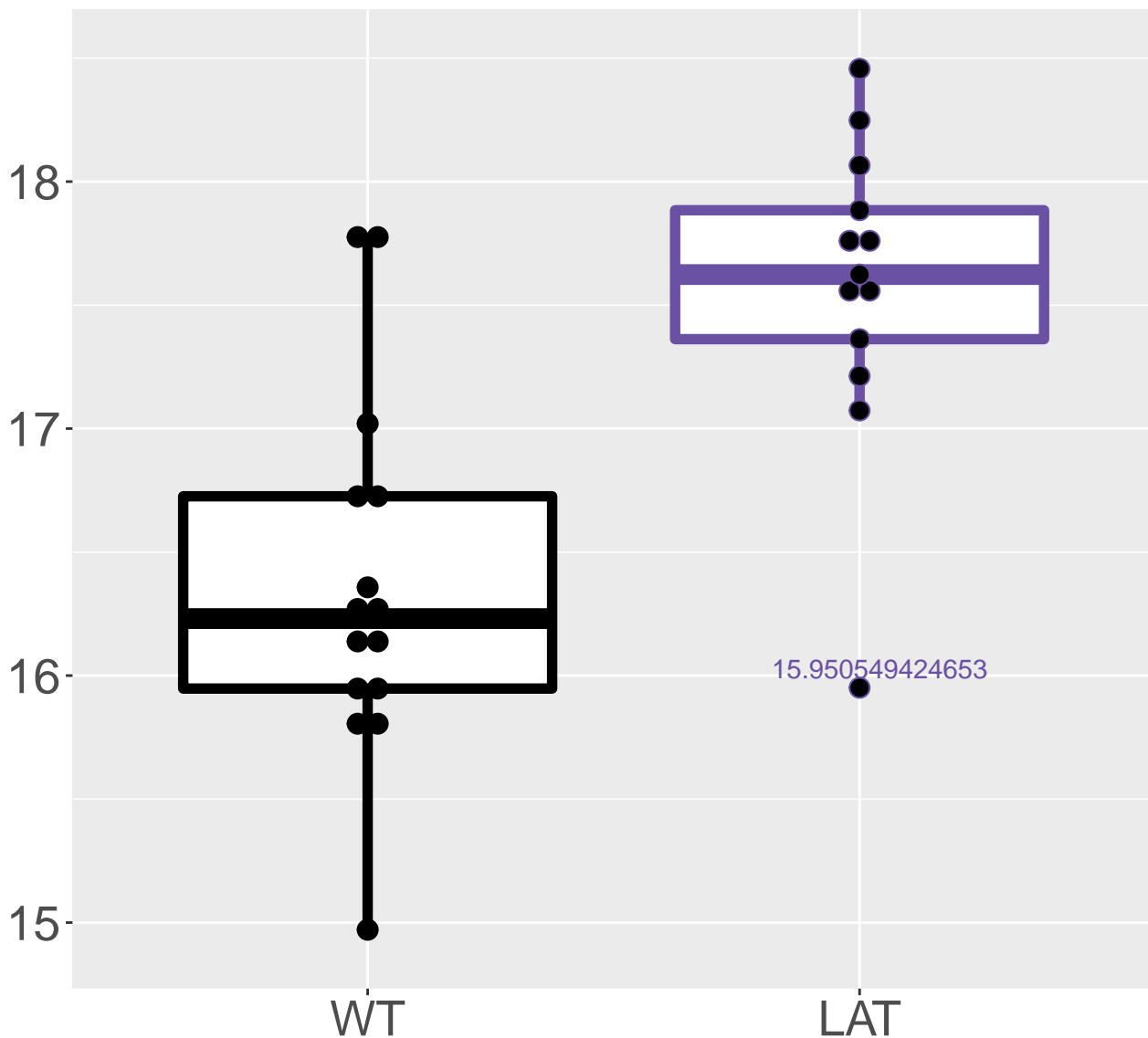
M316.0552T359.8

FDR = 0.00095, FC = -0.46



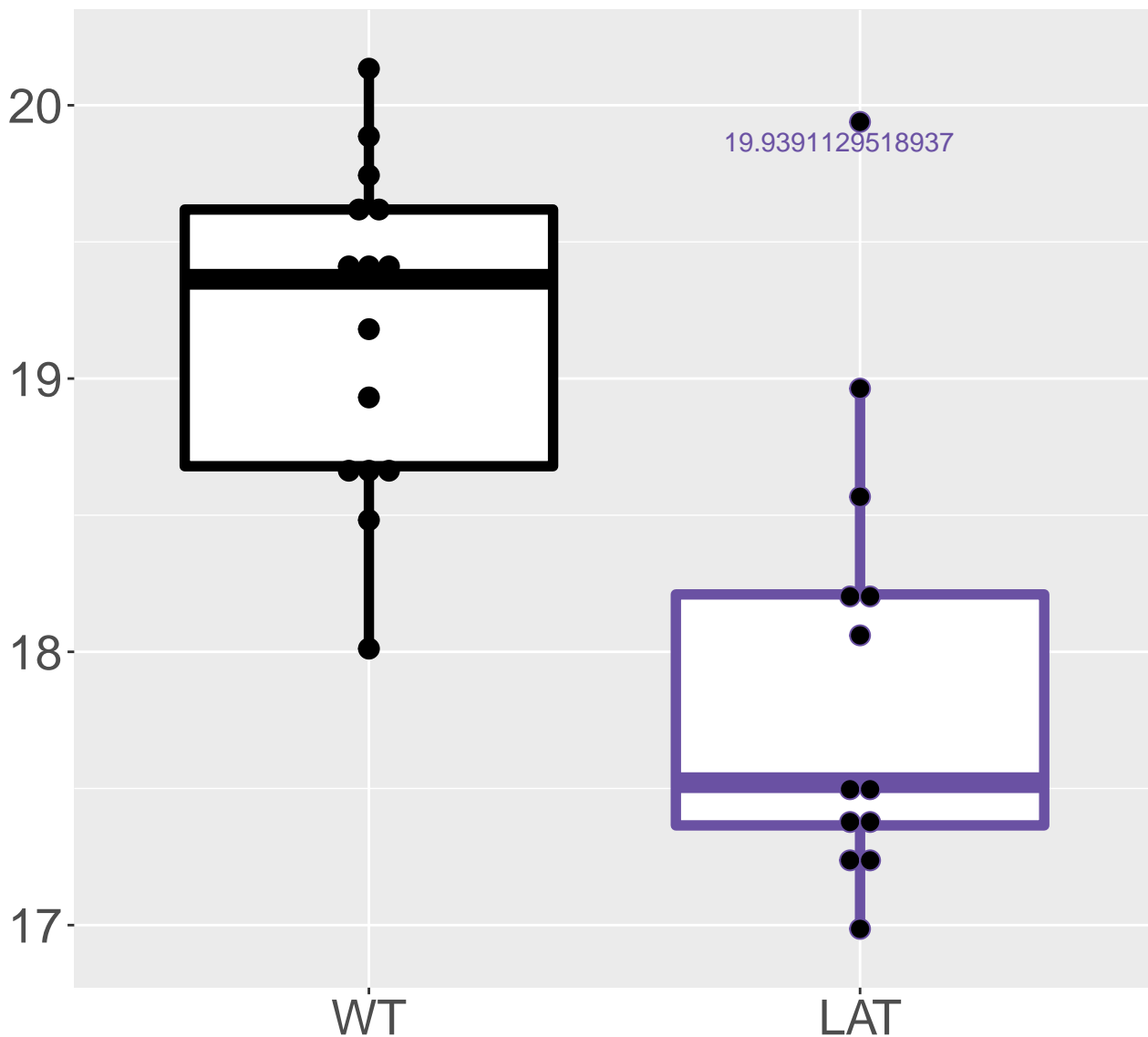
M353.0398T186.95

FDR = 0.00095, FC = 1.2



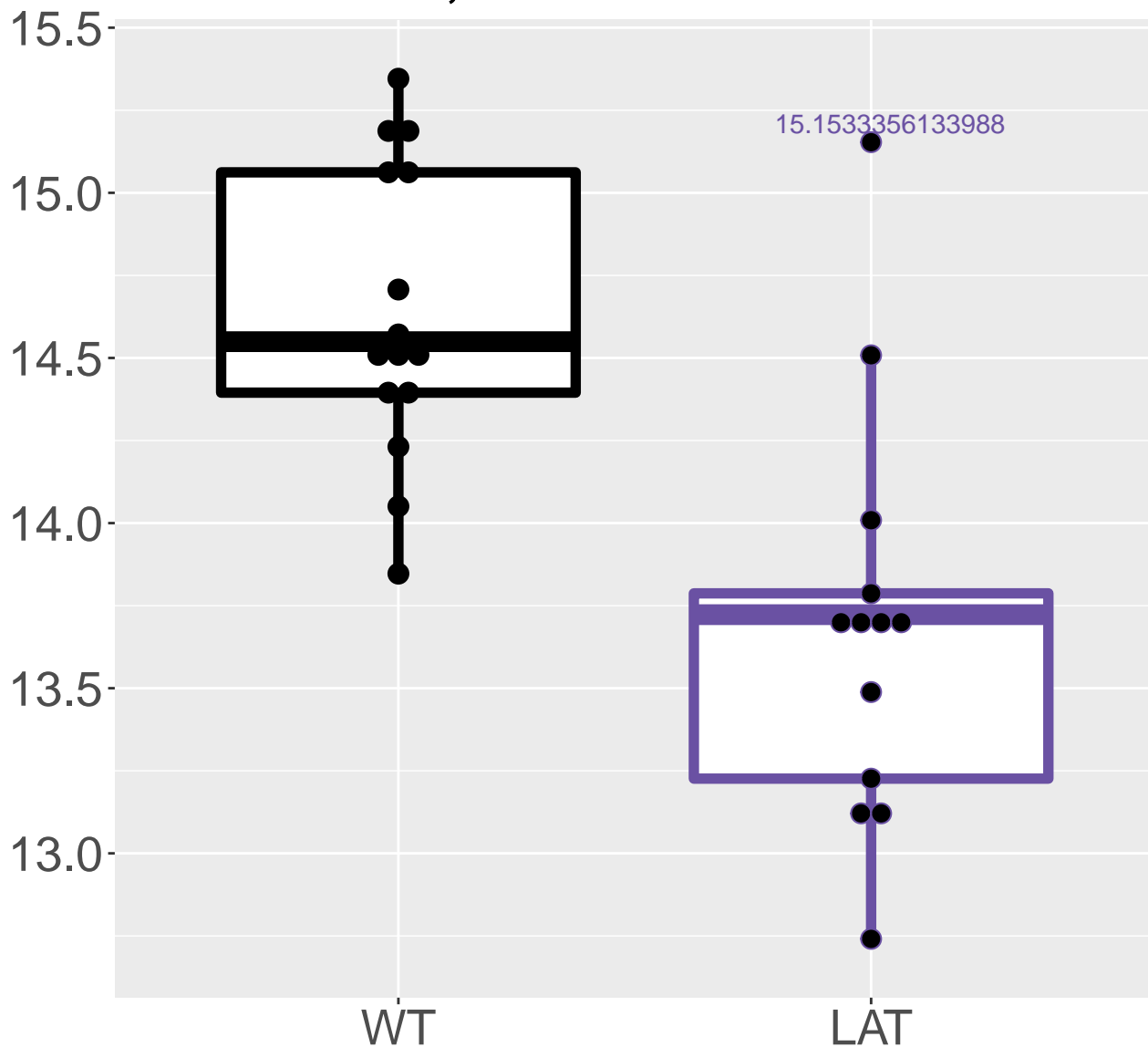
M998.3249T608.2

FDR = 0.00096, FC = -1.3



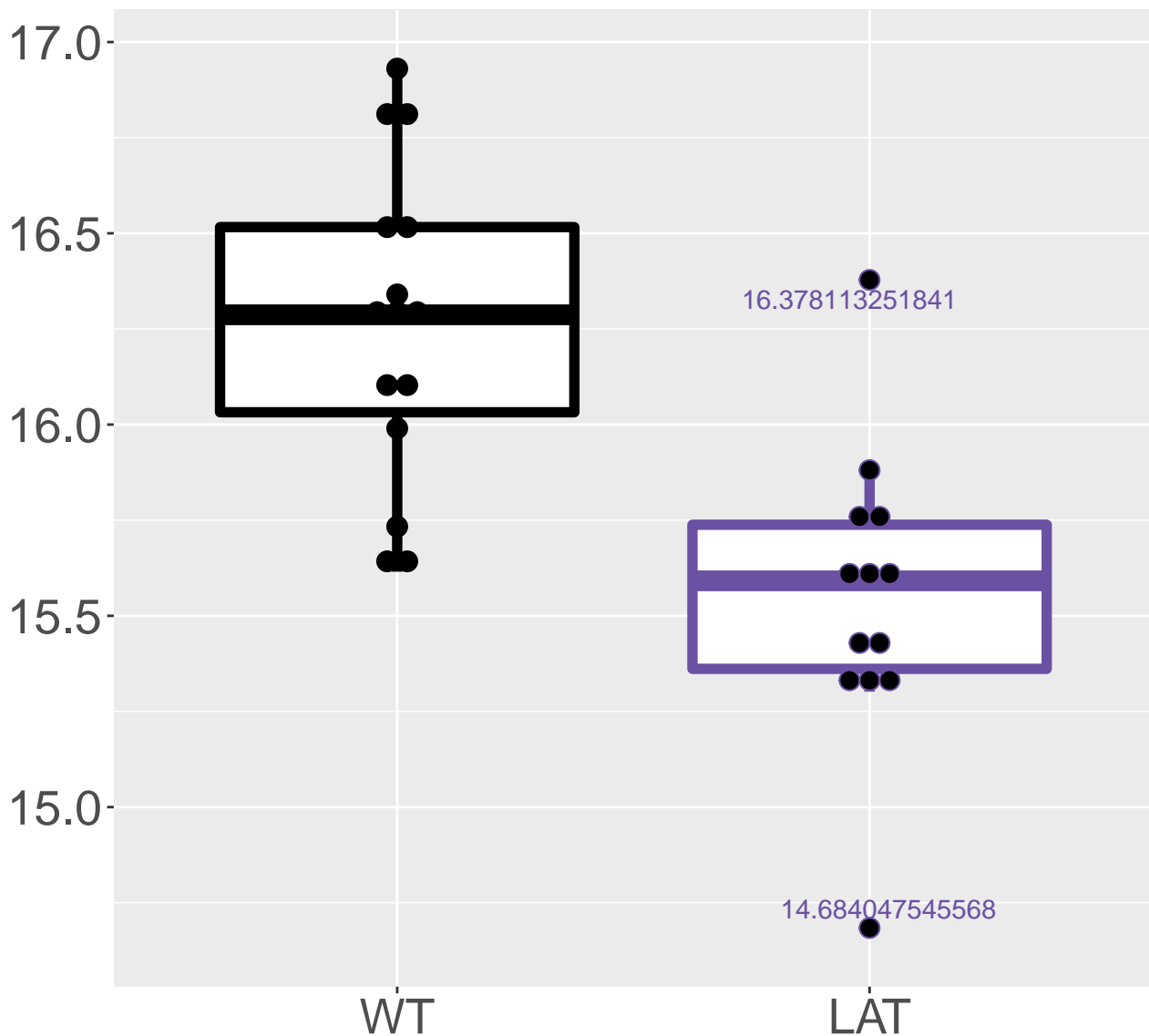
M455.1417T640.08

FDR = 0.00096, FC = -0.94

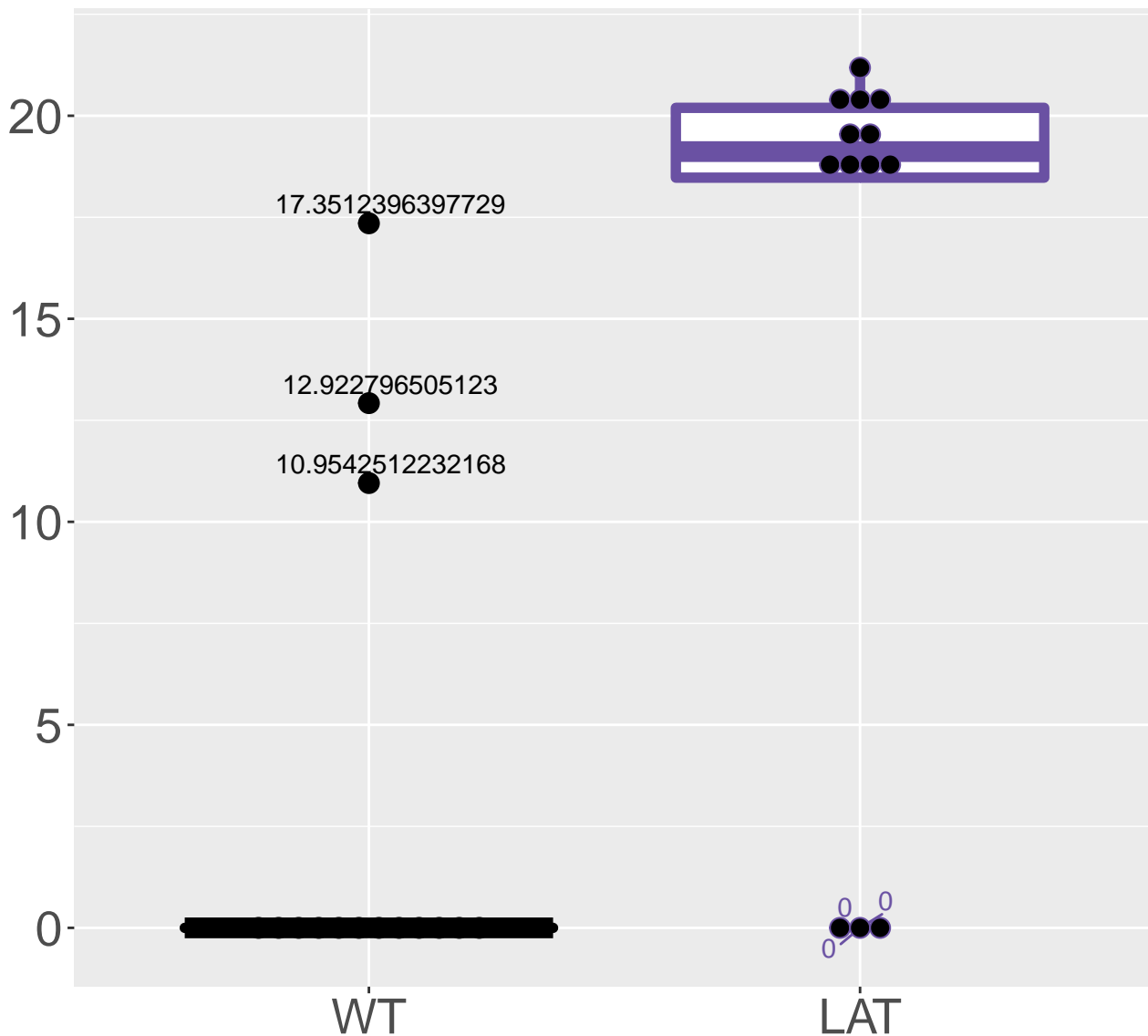


M314.1363T174.47

FDR = 0.00099, FC = -0.72

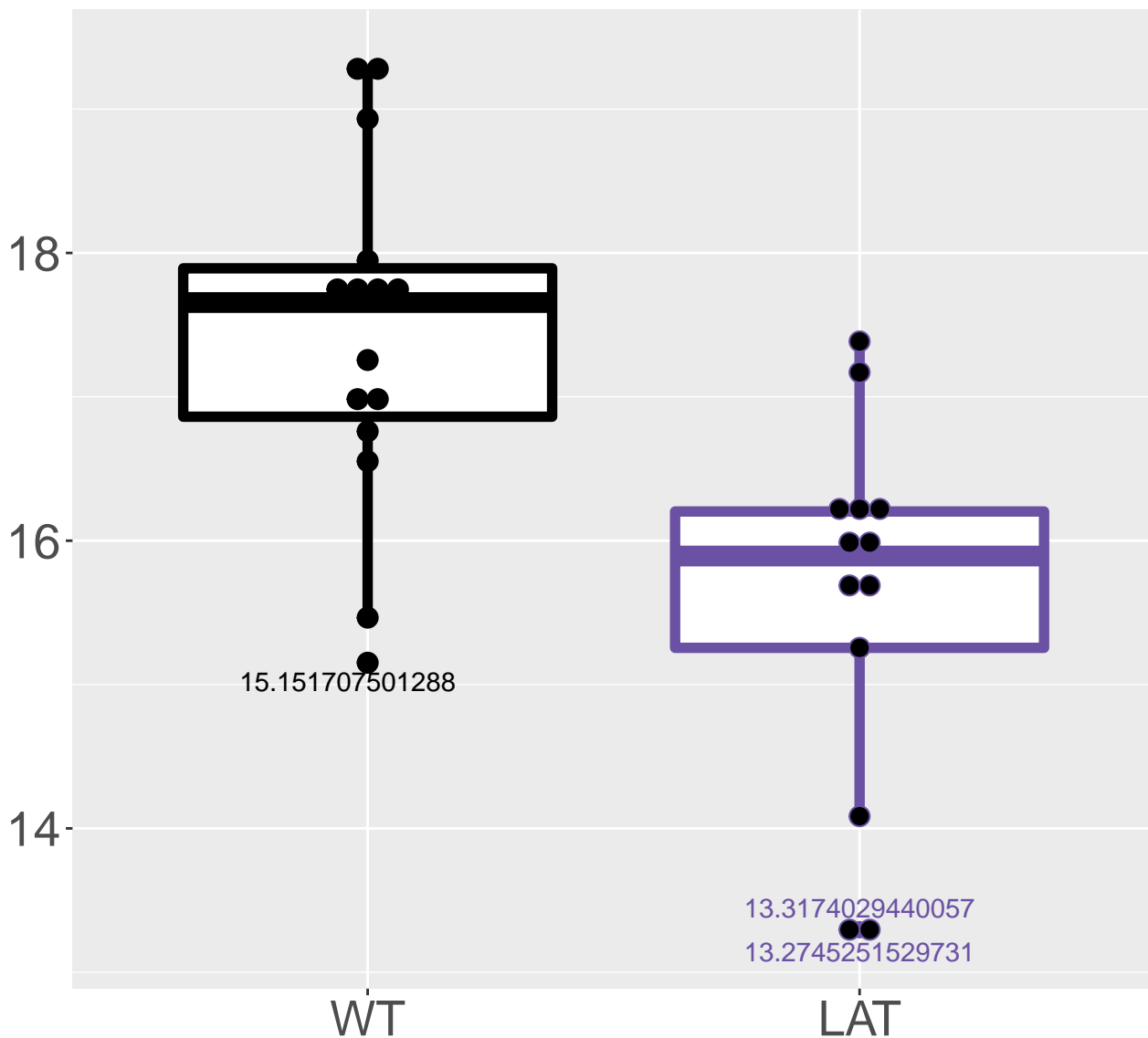


FDR = 0.00099, FC = 12

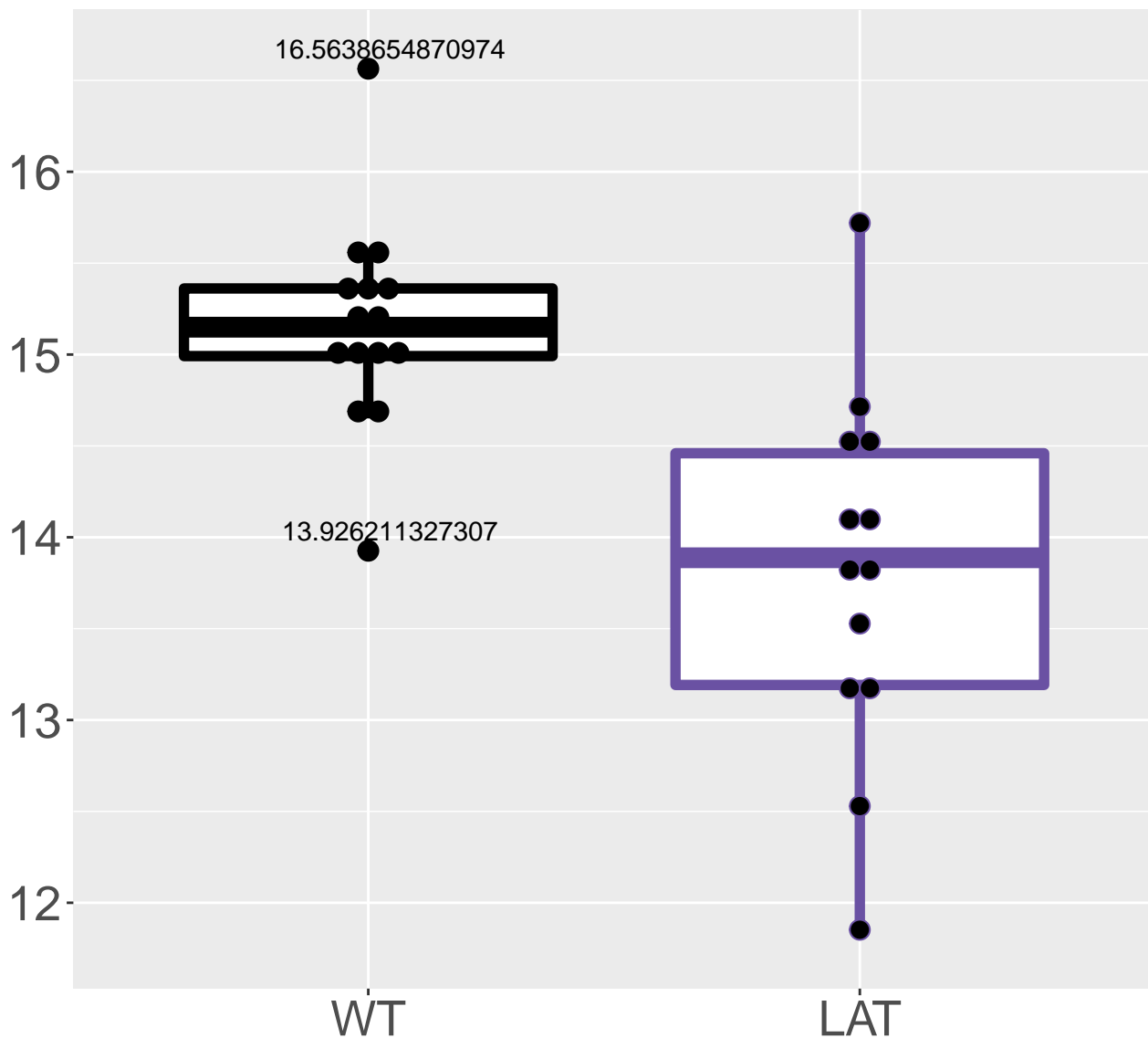


M422.1576T172.16

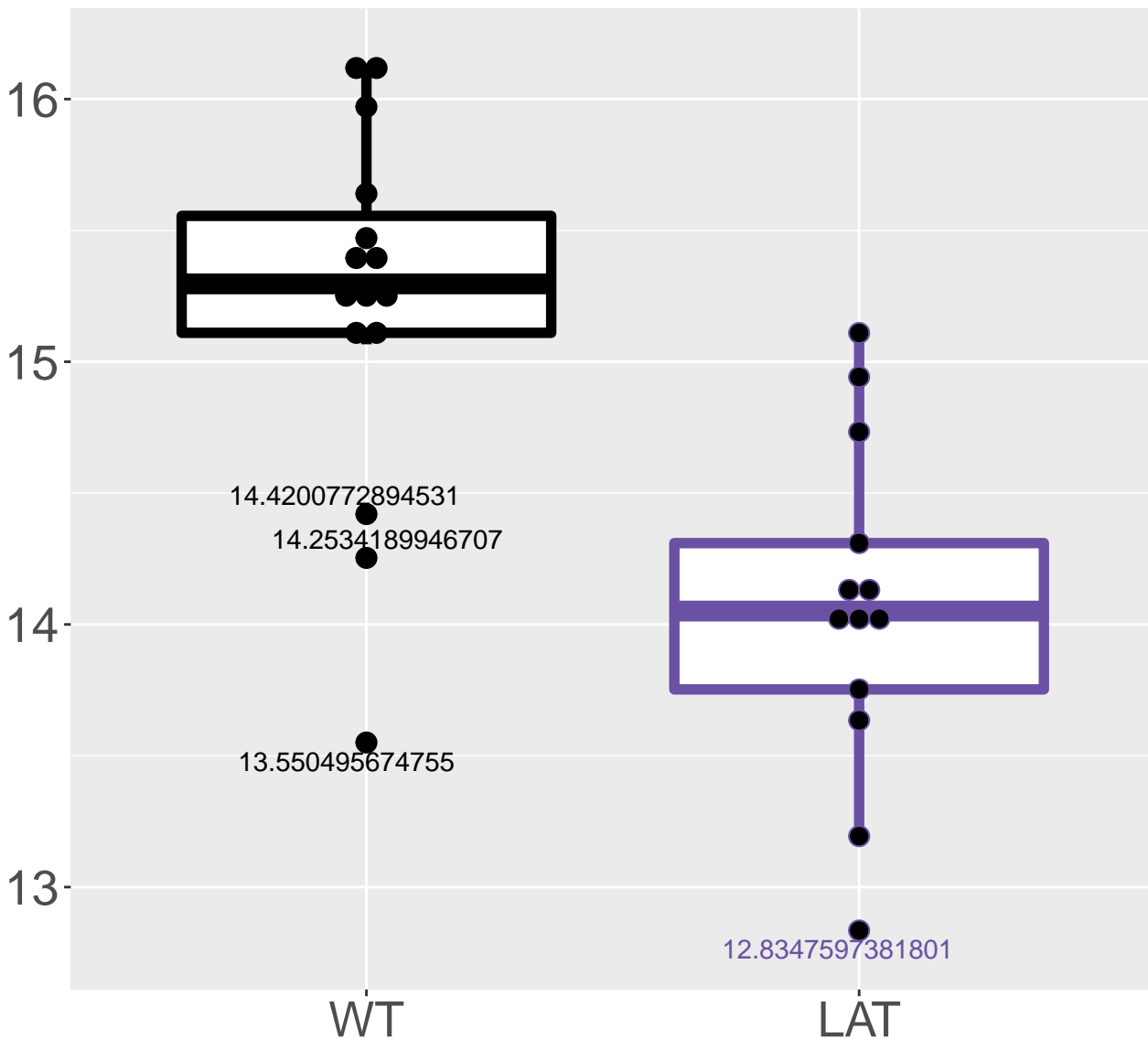
FDR = 0.00099, FC = -1.9, sex*



M719.2019T536.5
FDR = 0.00099, FC = -1.4

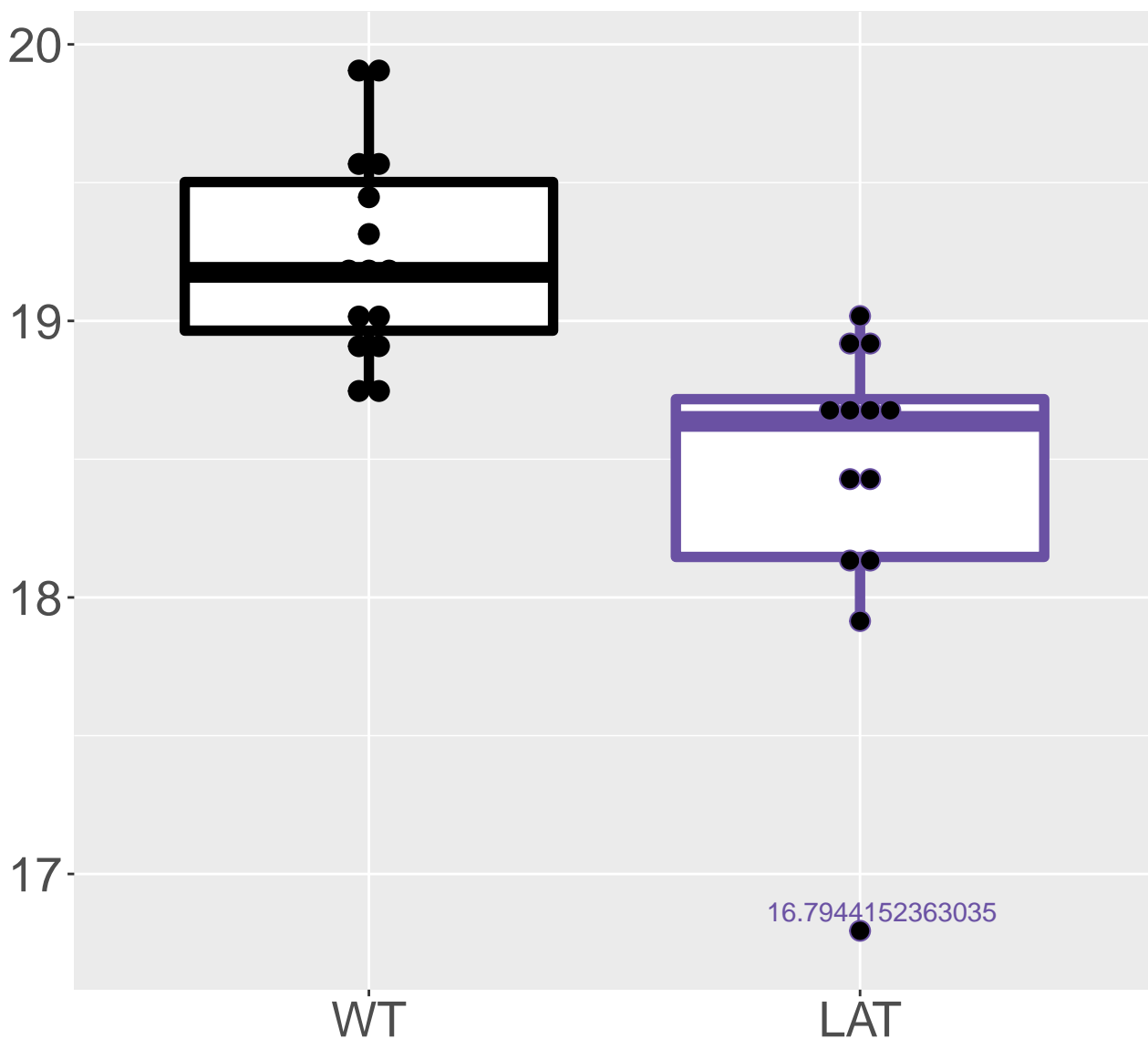


M637.6882T592.81
FDR = 0.00099, FC = -1.2

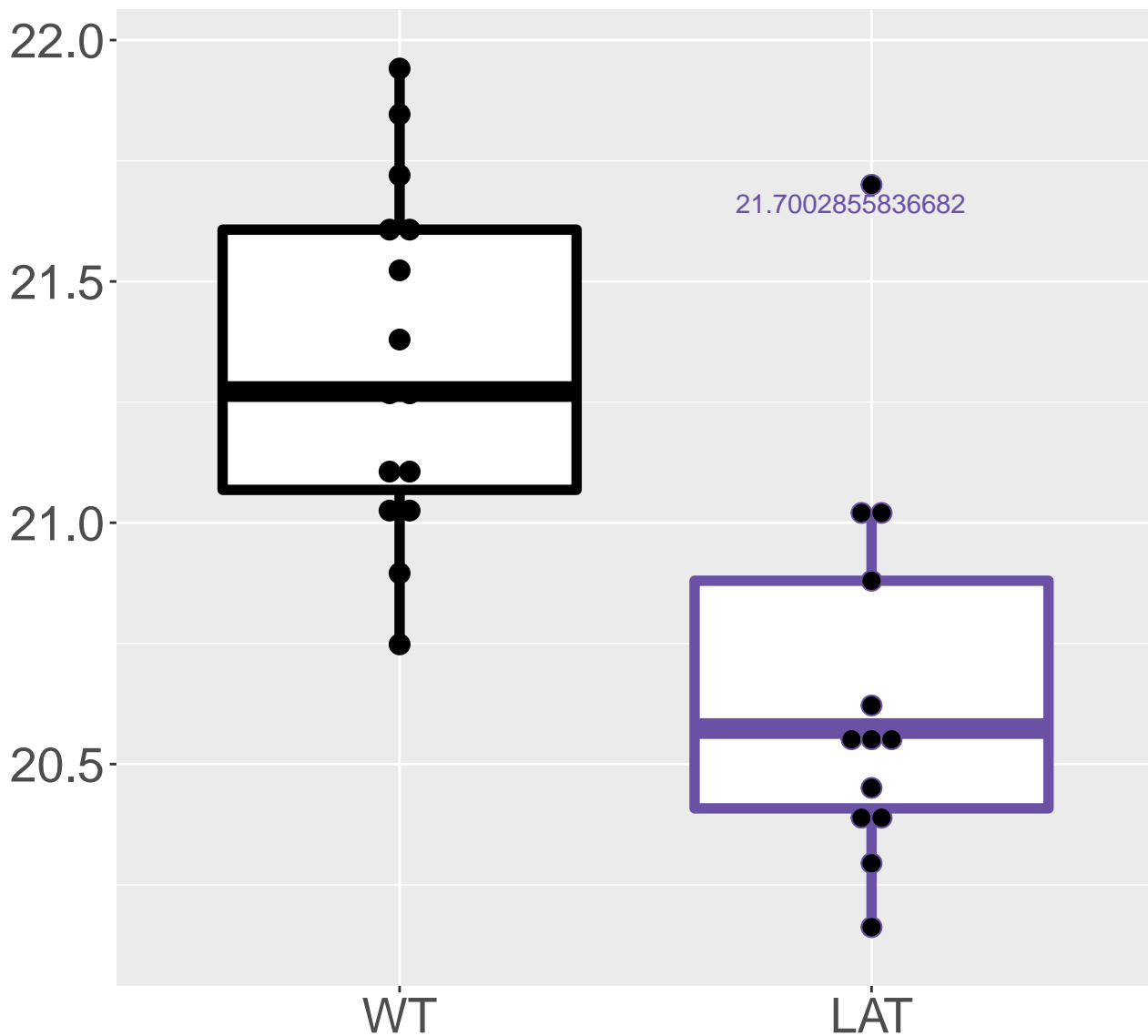


M560.4771T77.98

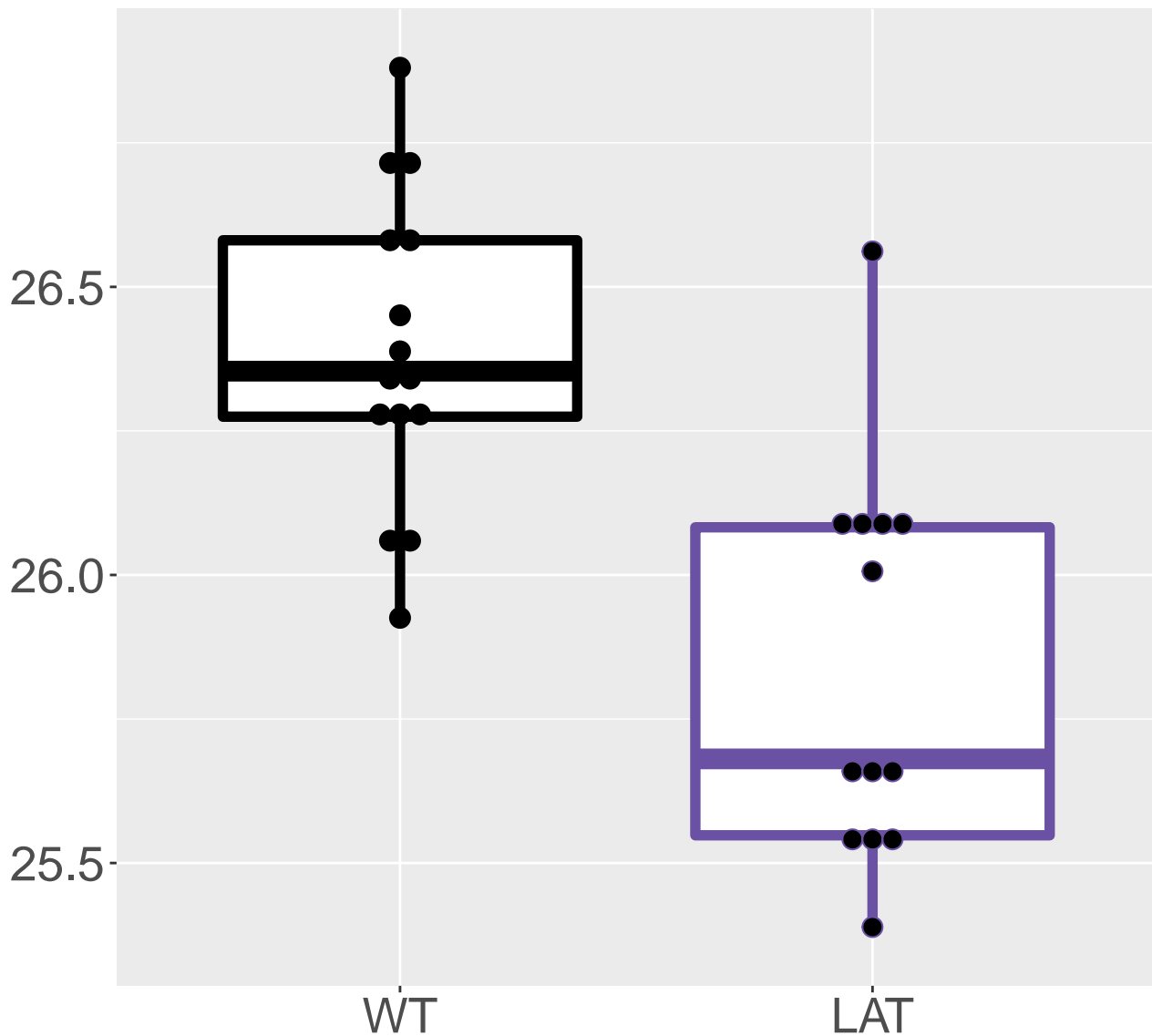
FDR = 0.001, FC = -0.82



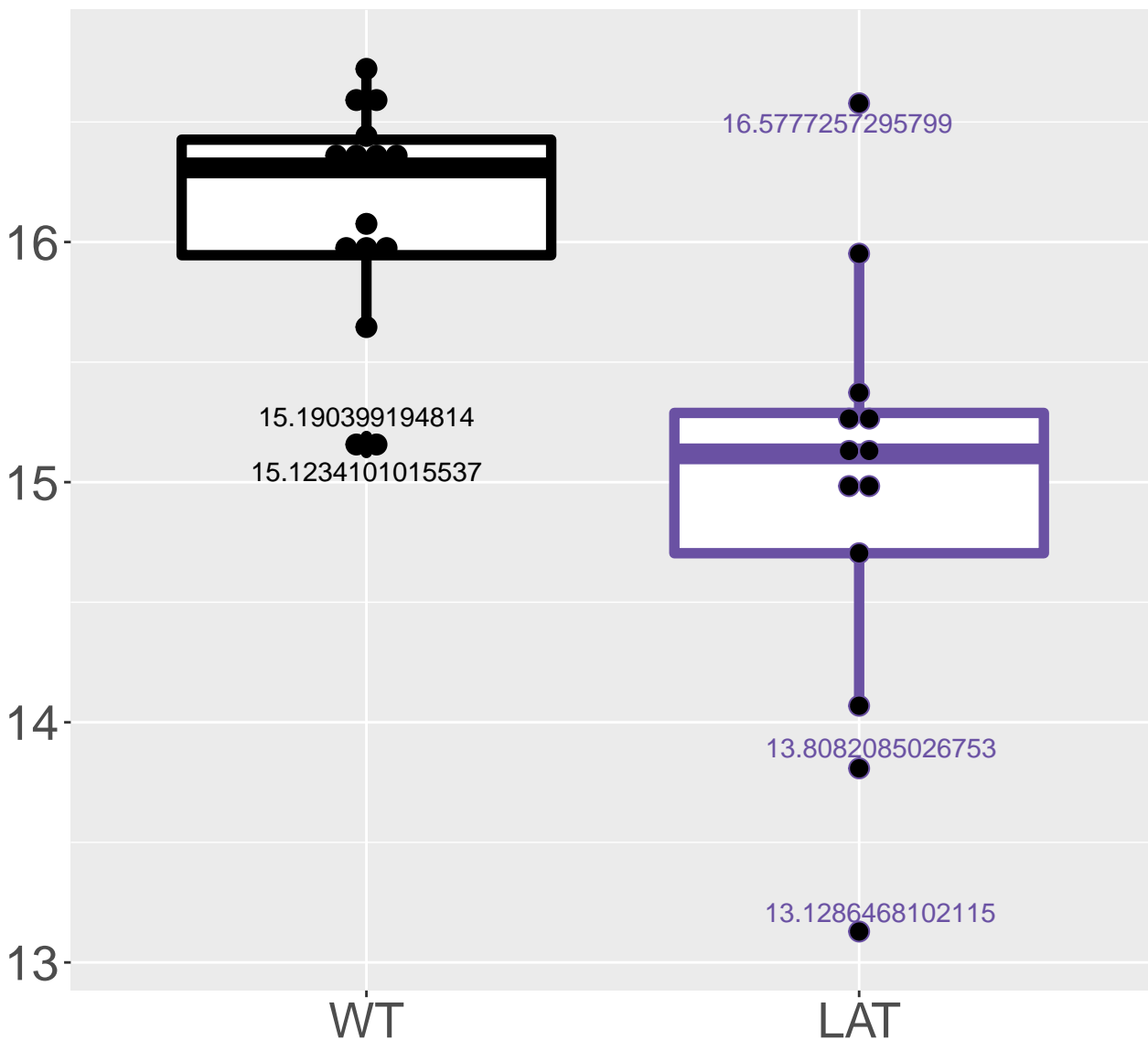
M989.3204T639.87
FDR = 0.001, FC = -0.68



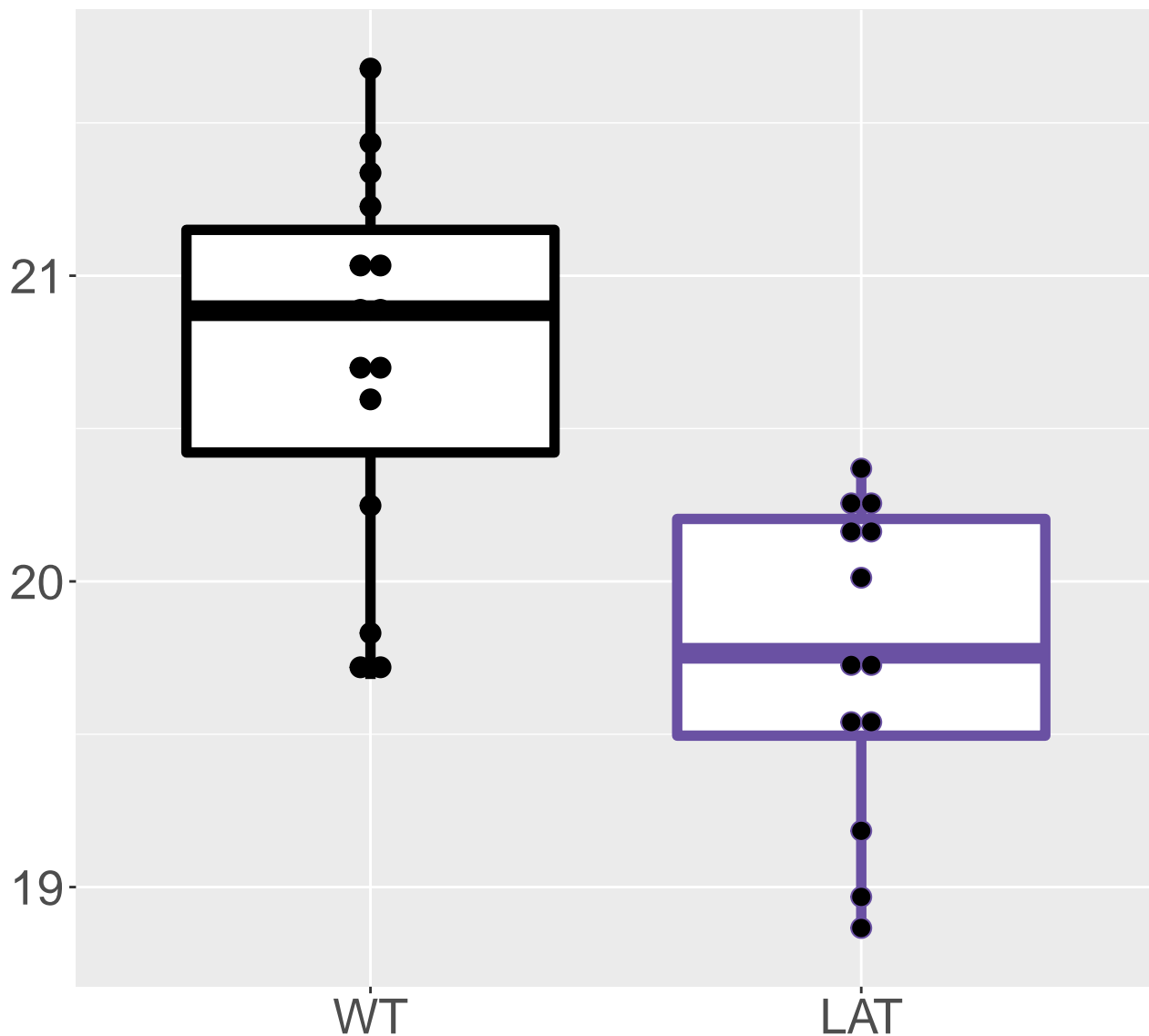
Maltotriose;Amylotriose|Raffinose;Melitose;D
FDR = 0.001, FC = -0.55



FDR = 0.001, FC = -1.2

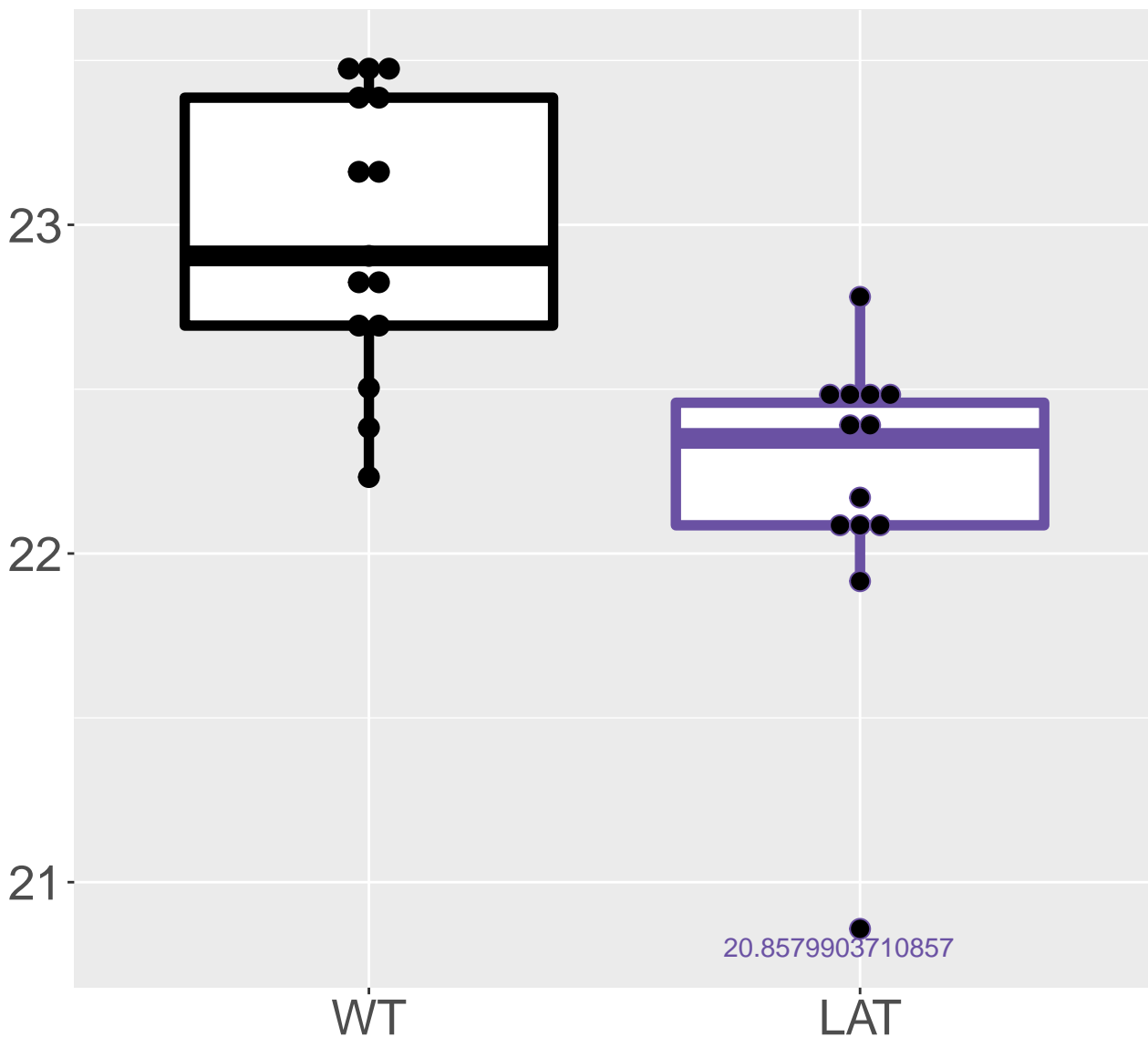


\hat{I}^3 -aminobutyric acid;GABA;Gamma-Aminobuty
FDR = 0.0011, FC = -0.98



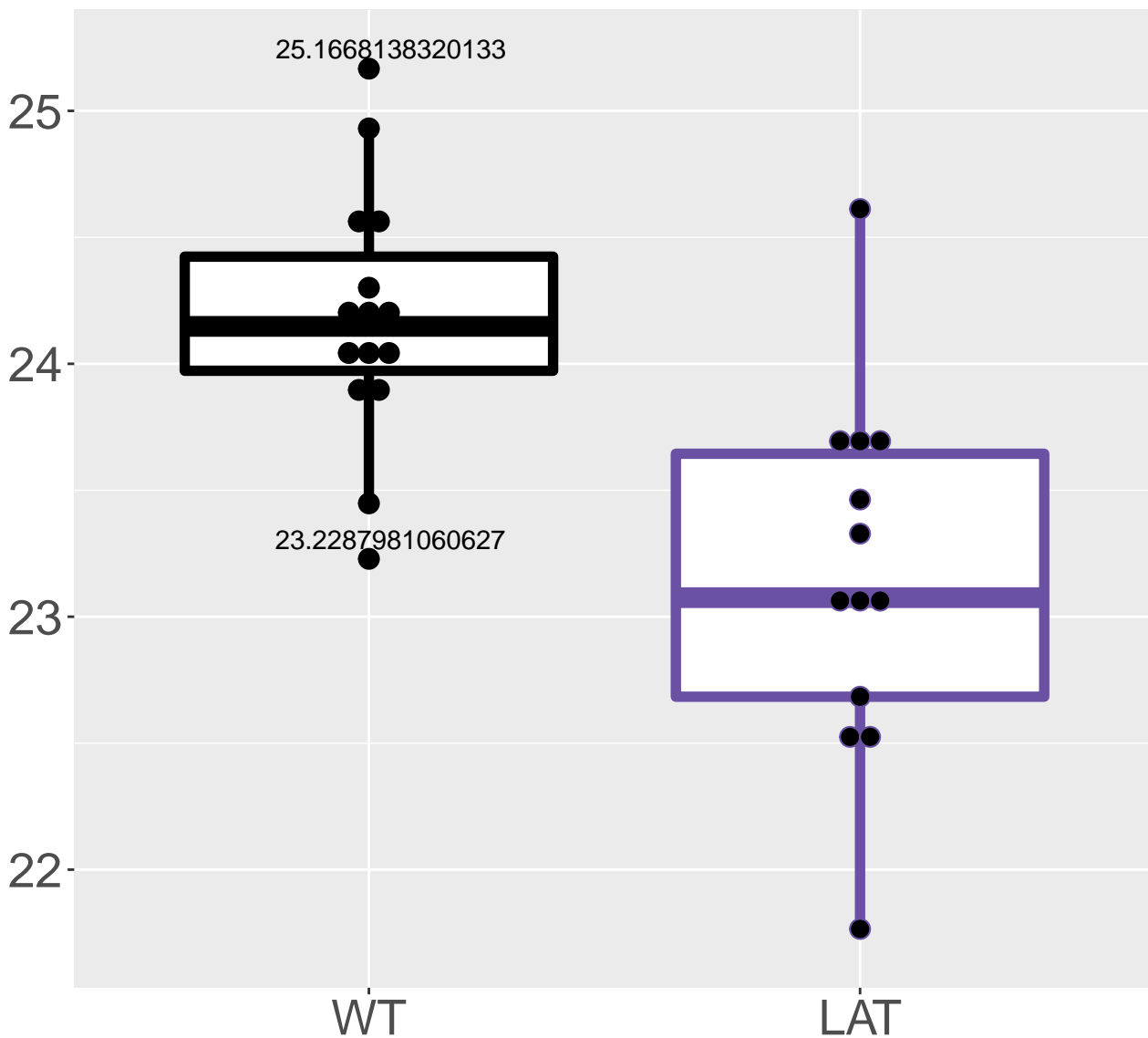
M256.0597T397.42

FDR = 0.0011, FC = -0.77



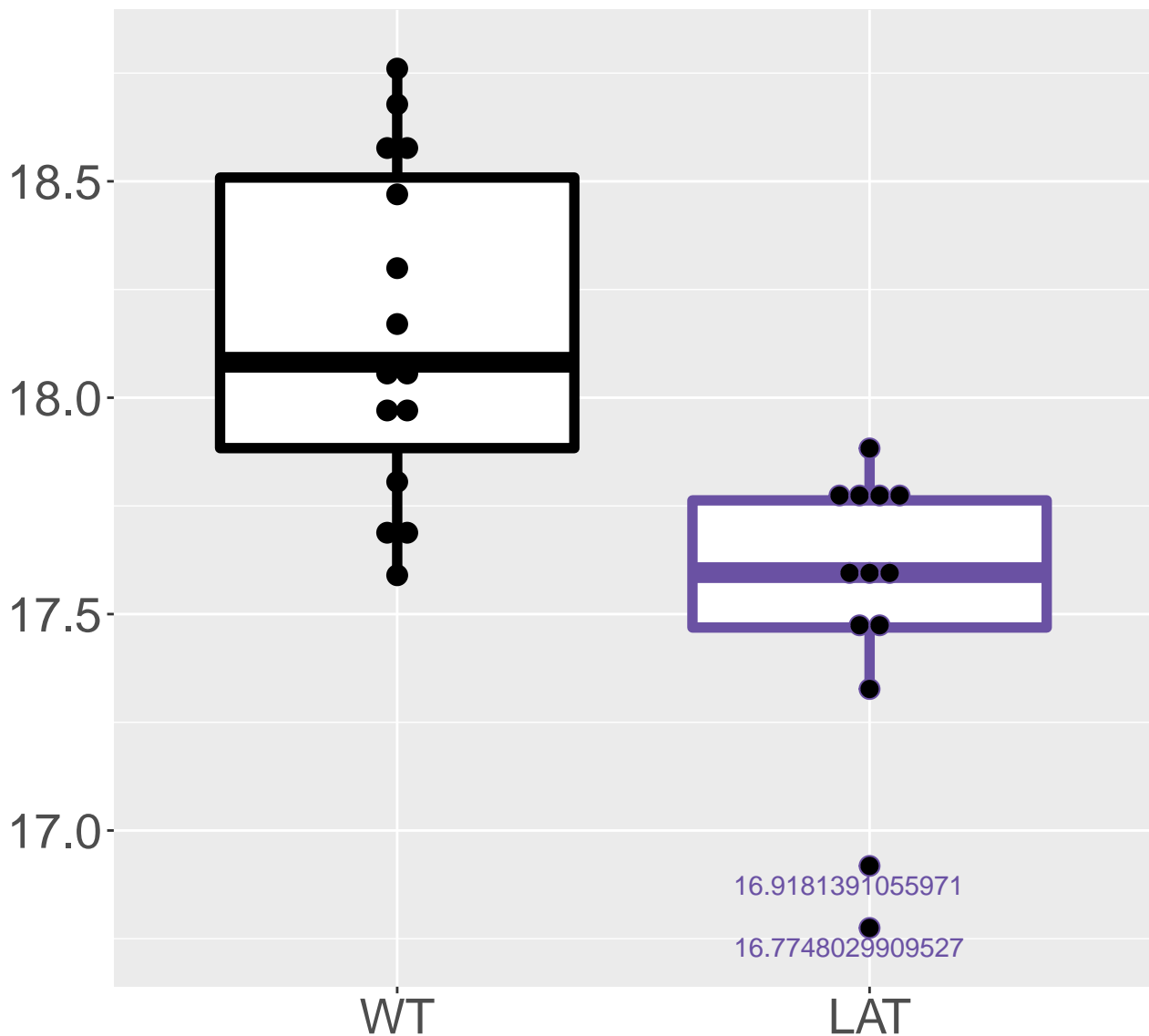
M683.2263T536.73

FDR = 0.0011, FC = -1



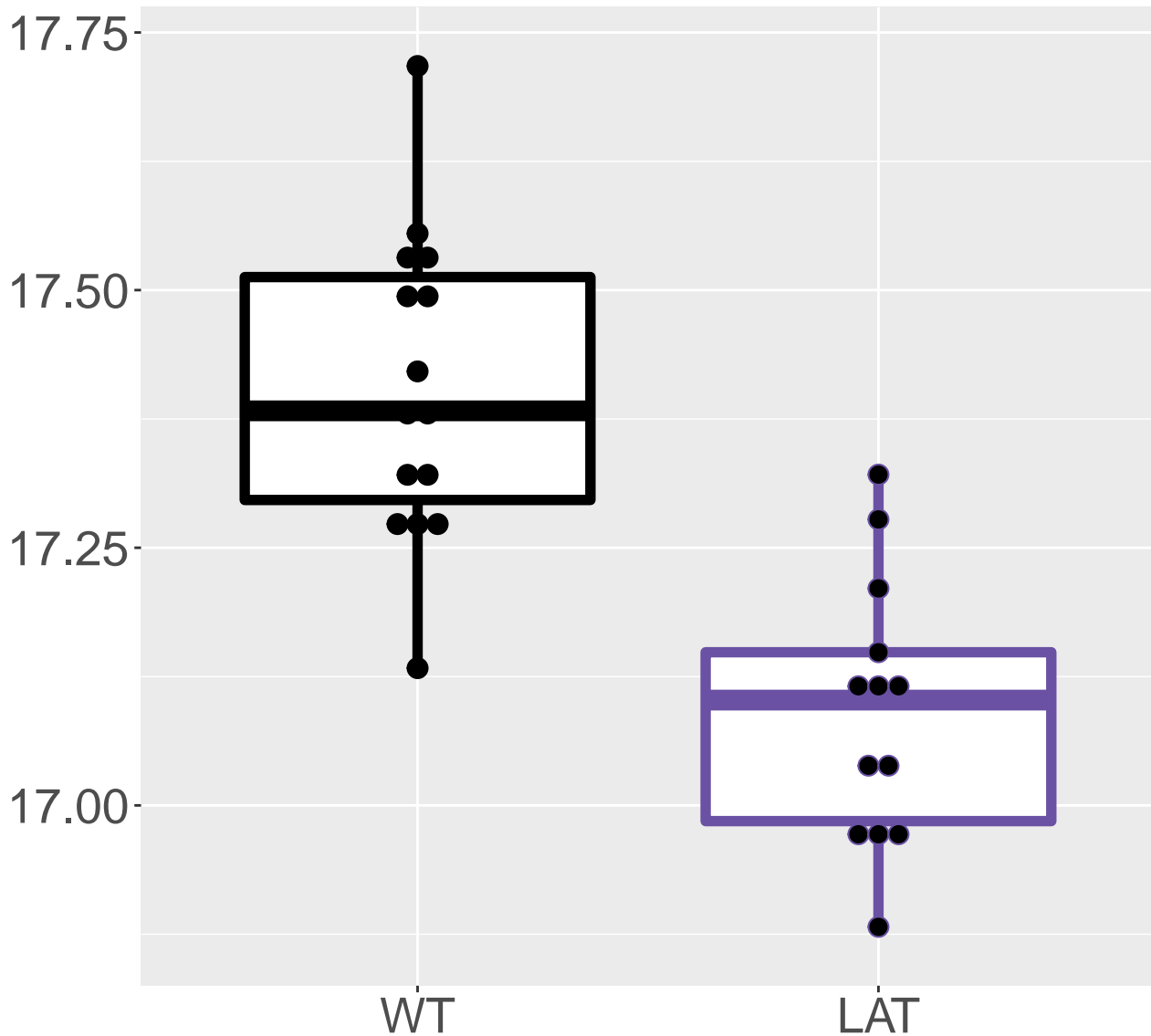
M326.1098T521.62

FDR = 0.0011, FC = -0.64

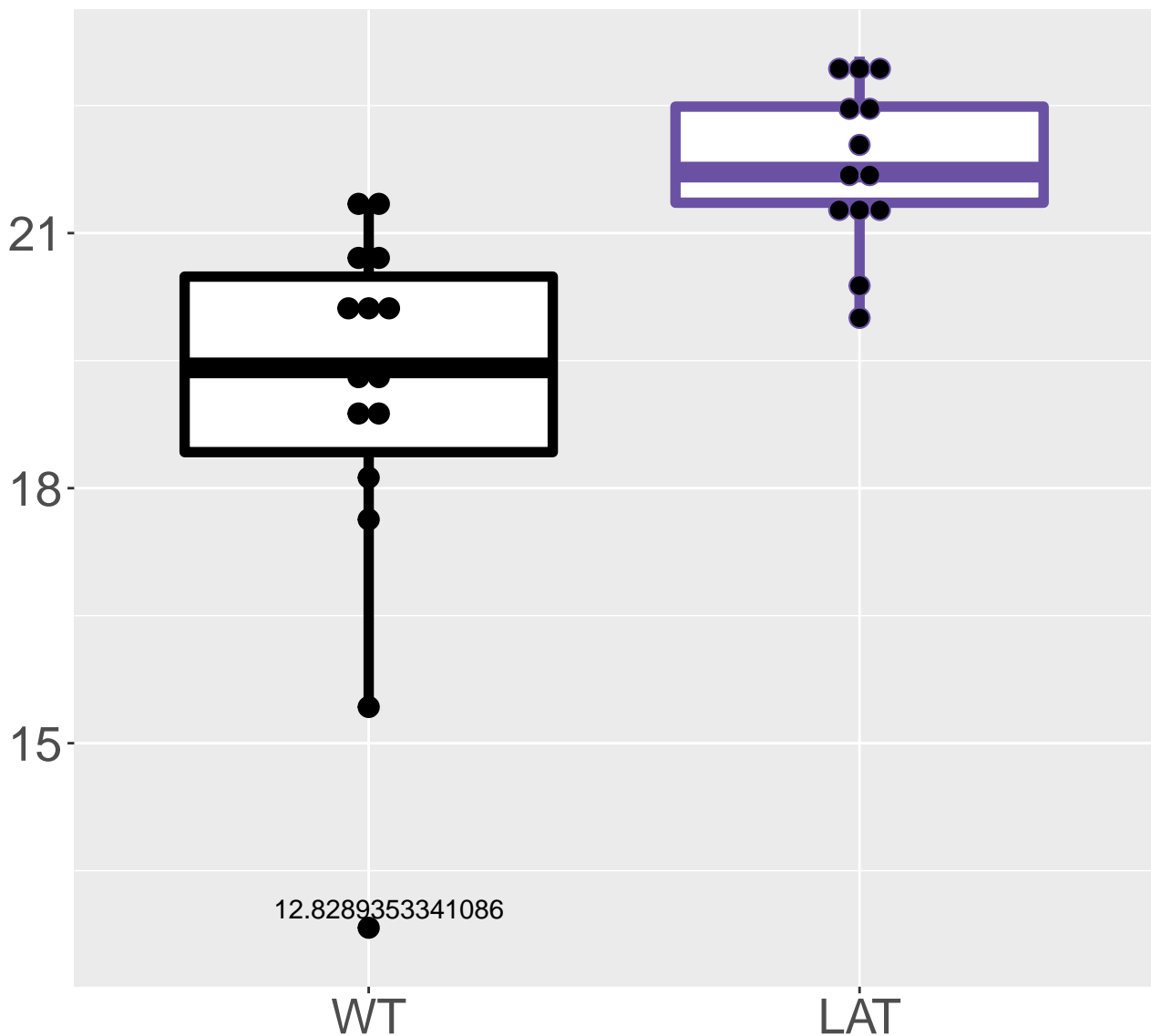


M925.2443T626.31

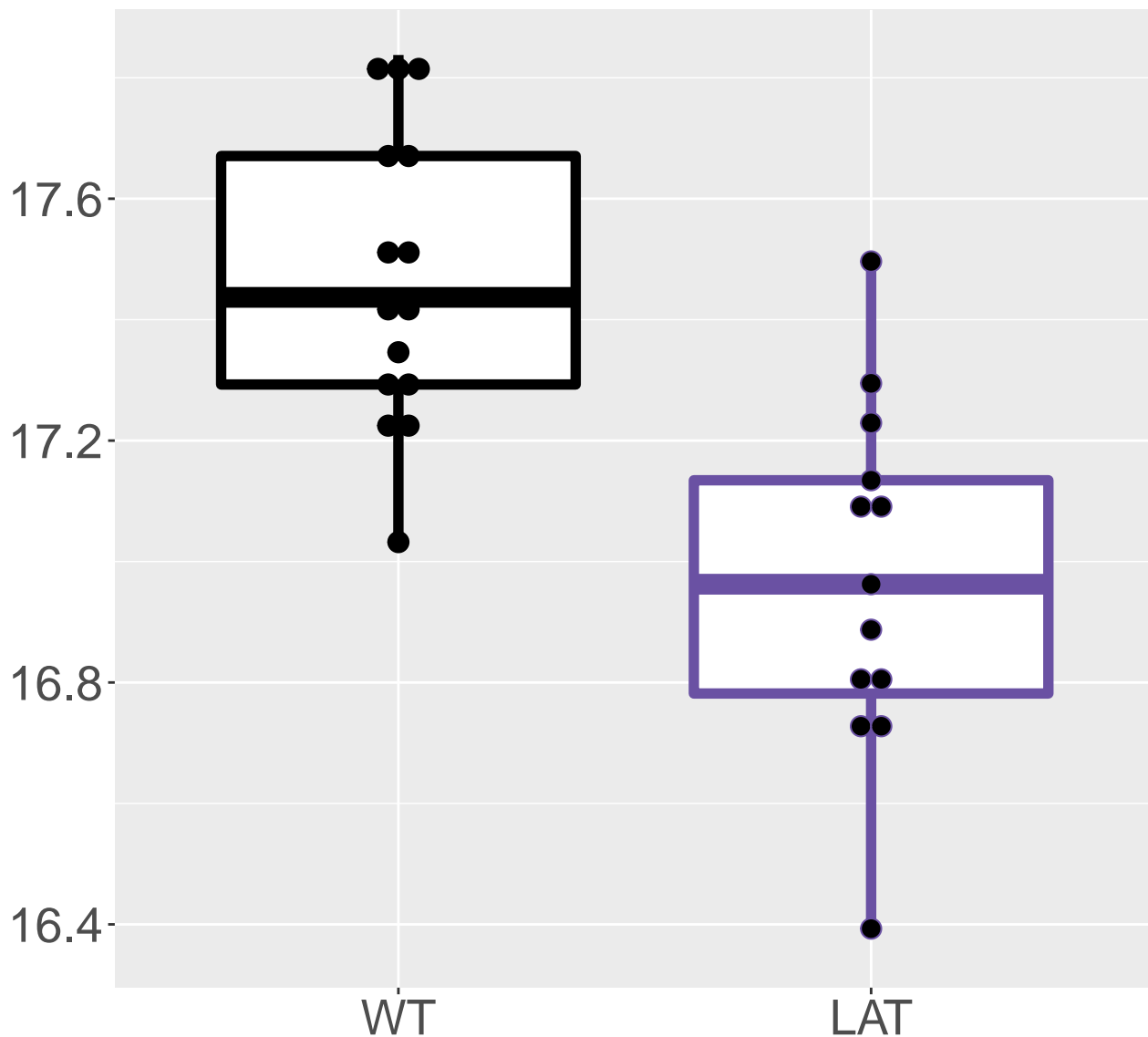
FDR = 0.0011, FC = -0.31



D-Ribose 1-phosphate|D-Ribulose 5-phospha
FDR = 0.0011, FC = 2.8

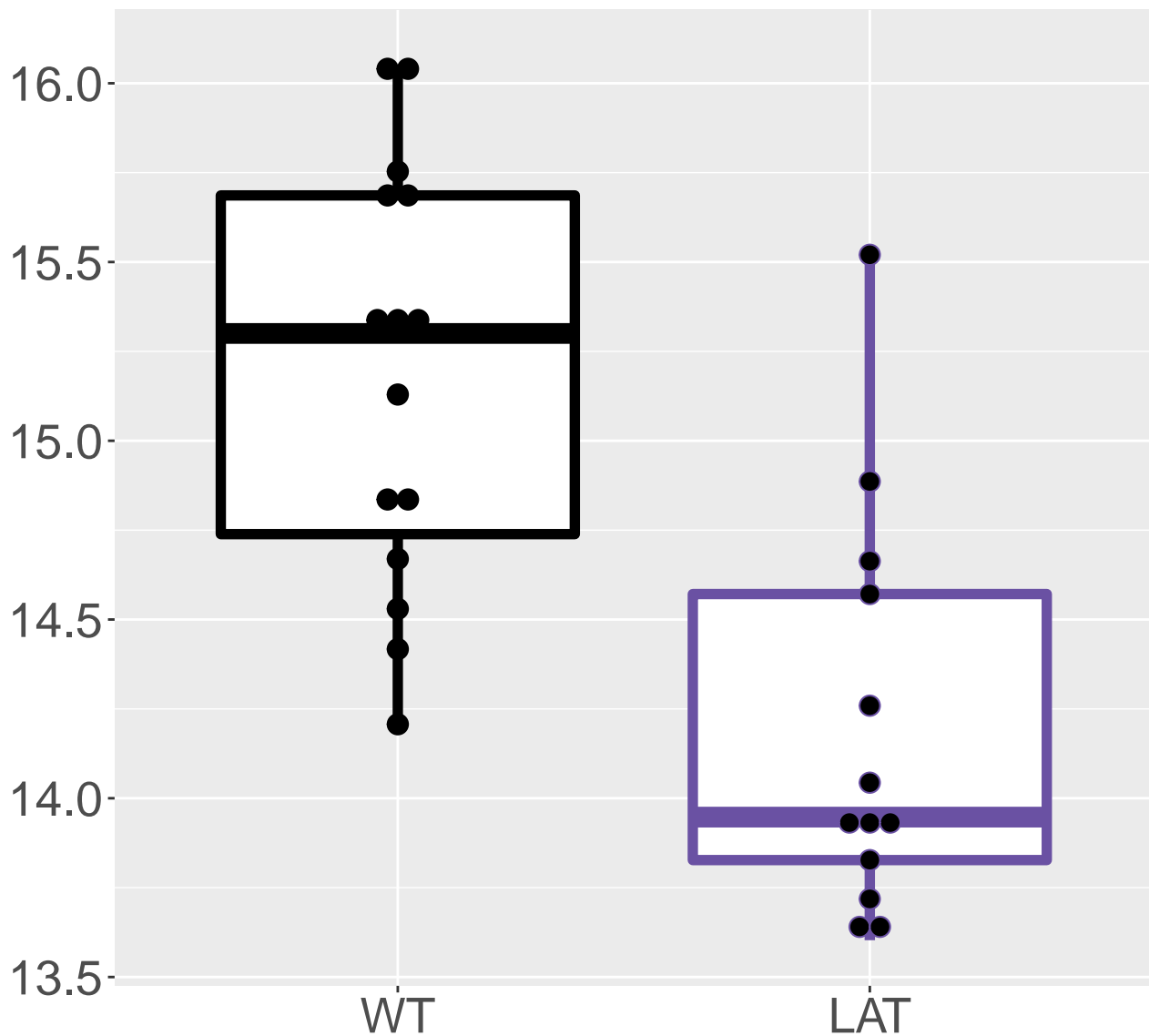


Dihydrofolic acid
FDR = 0.0011, FC = -0.5



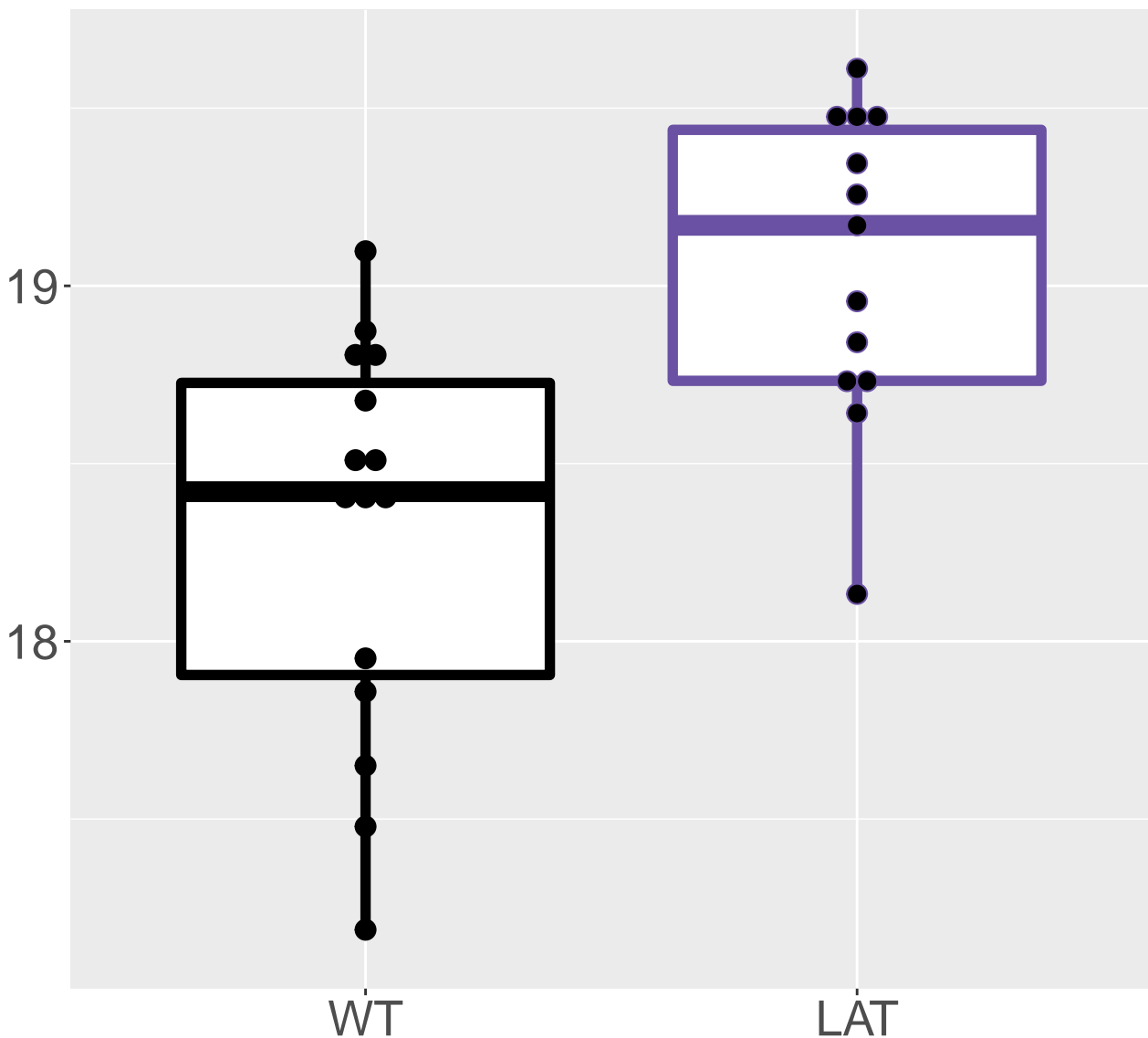
M525.6683T639.61

FDR = 0.0011, FC = -0.99



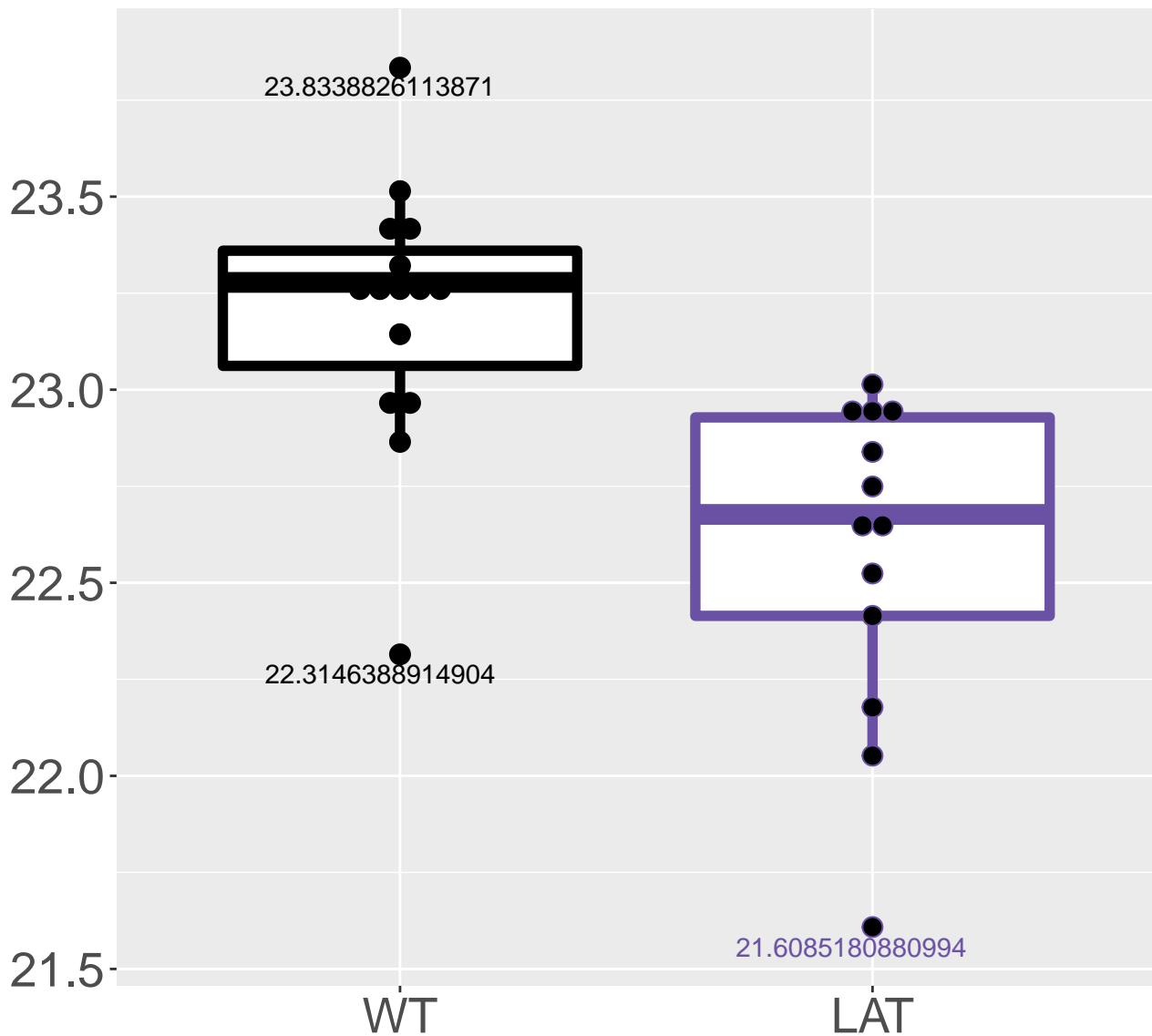
M509.2887T77.56

FDR = 0.0011, FC = 0.76



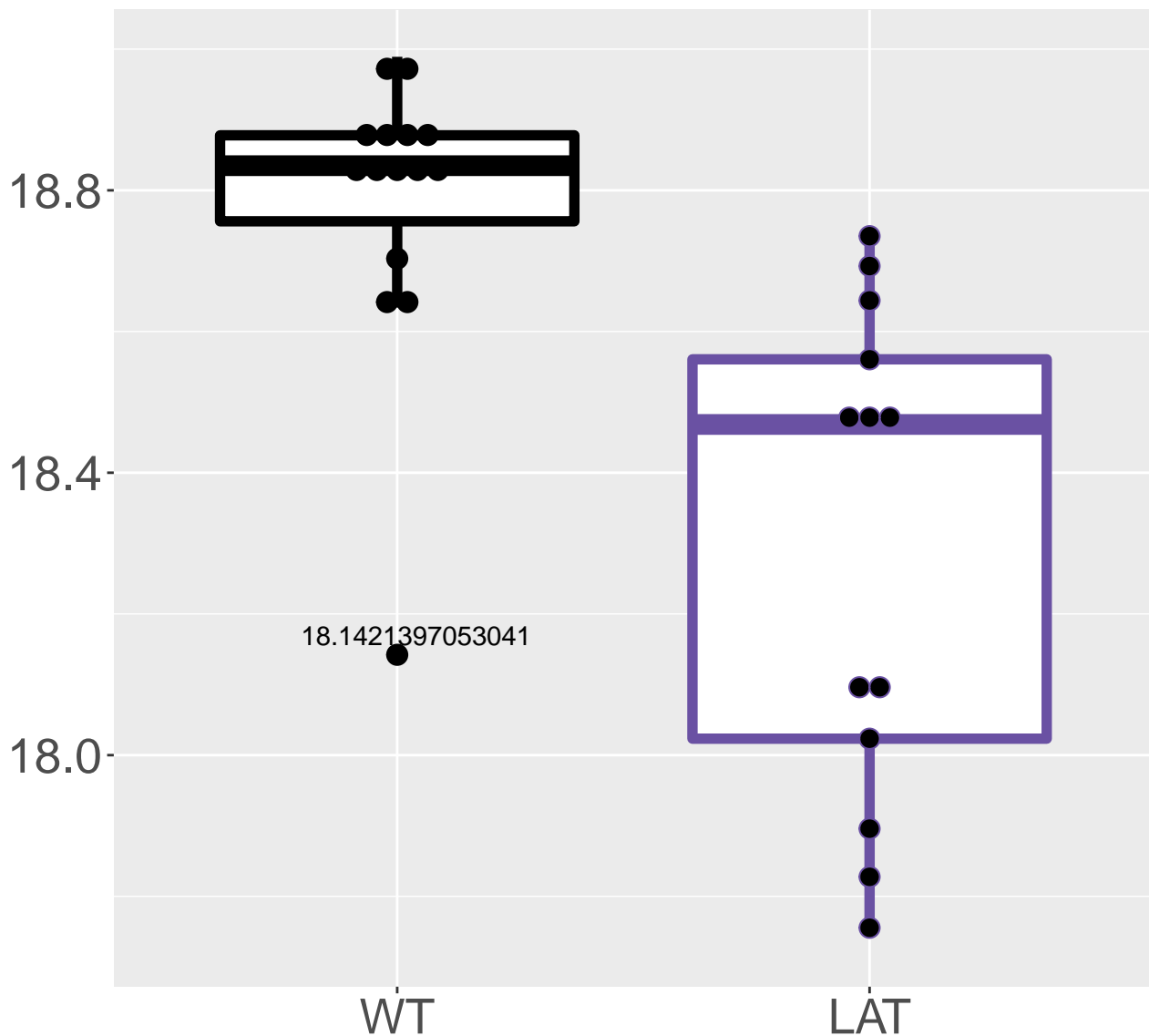
M292.1403T259.97

FDR = 0.0011, FC = -0.63



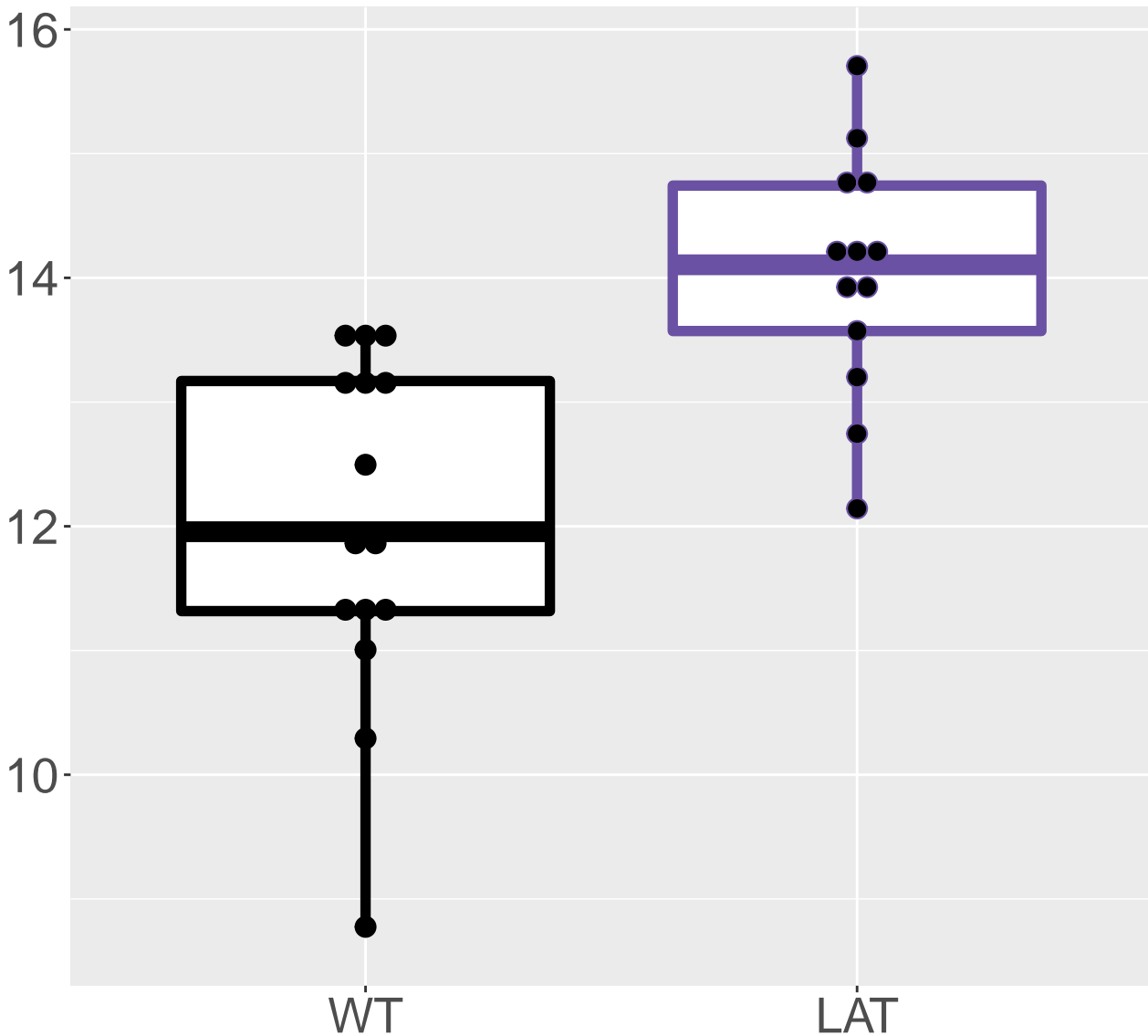
M153.0304T349.03

FDR = 0.0011, FC = -0.49

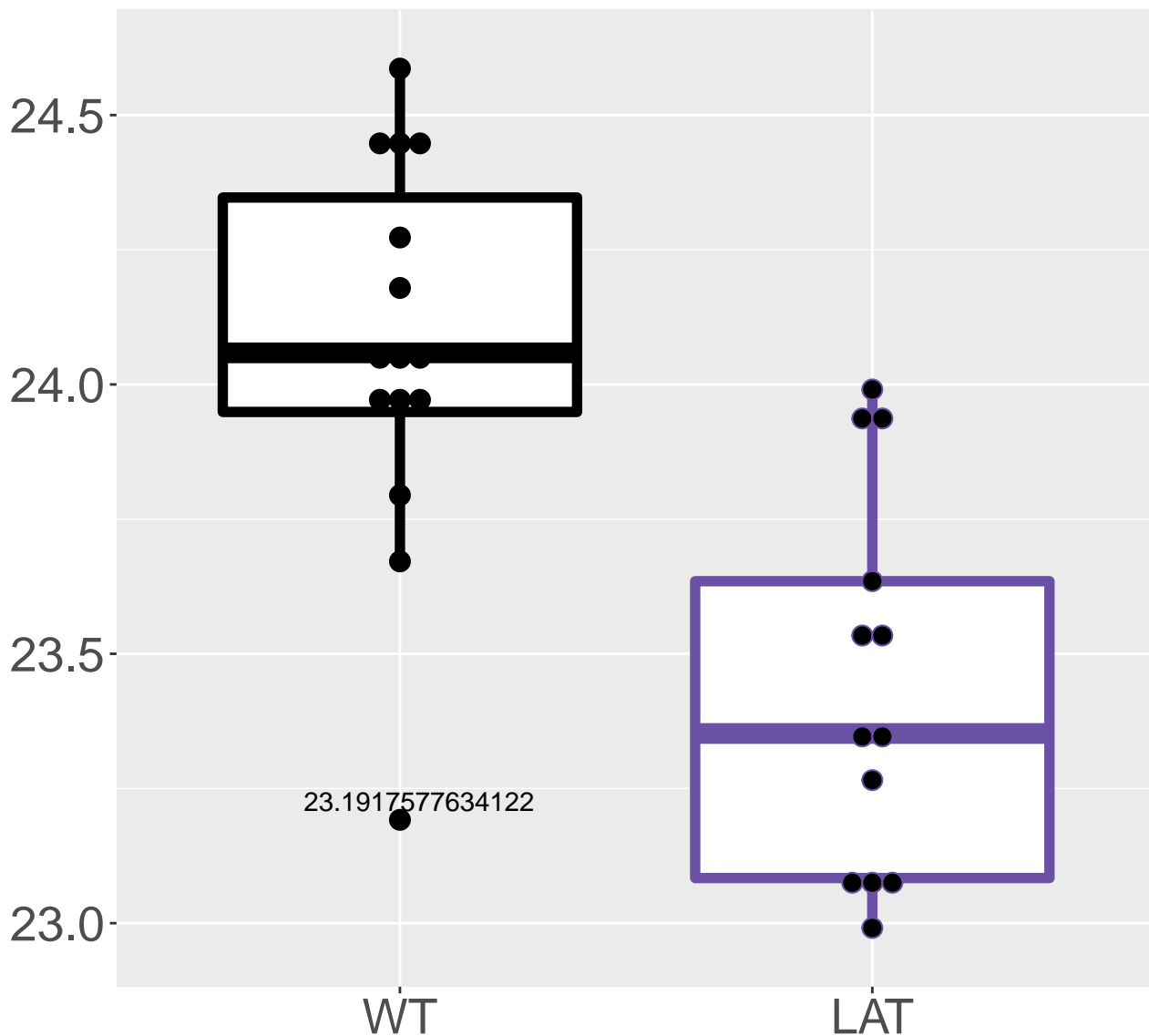


M286.0339T189.29

FDR = 0.0012, FC = 2

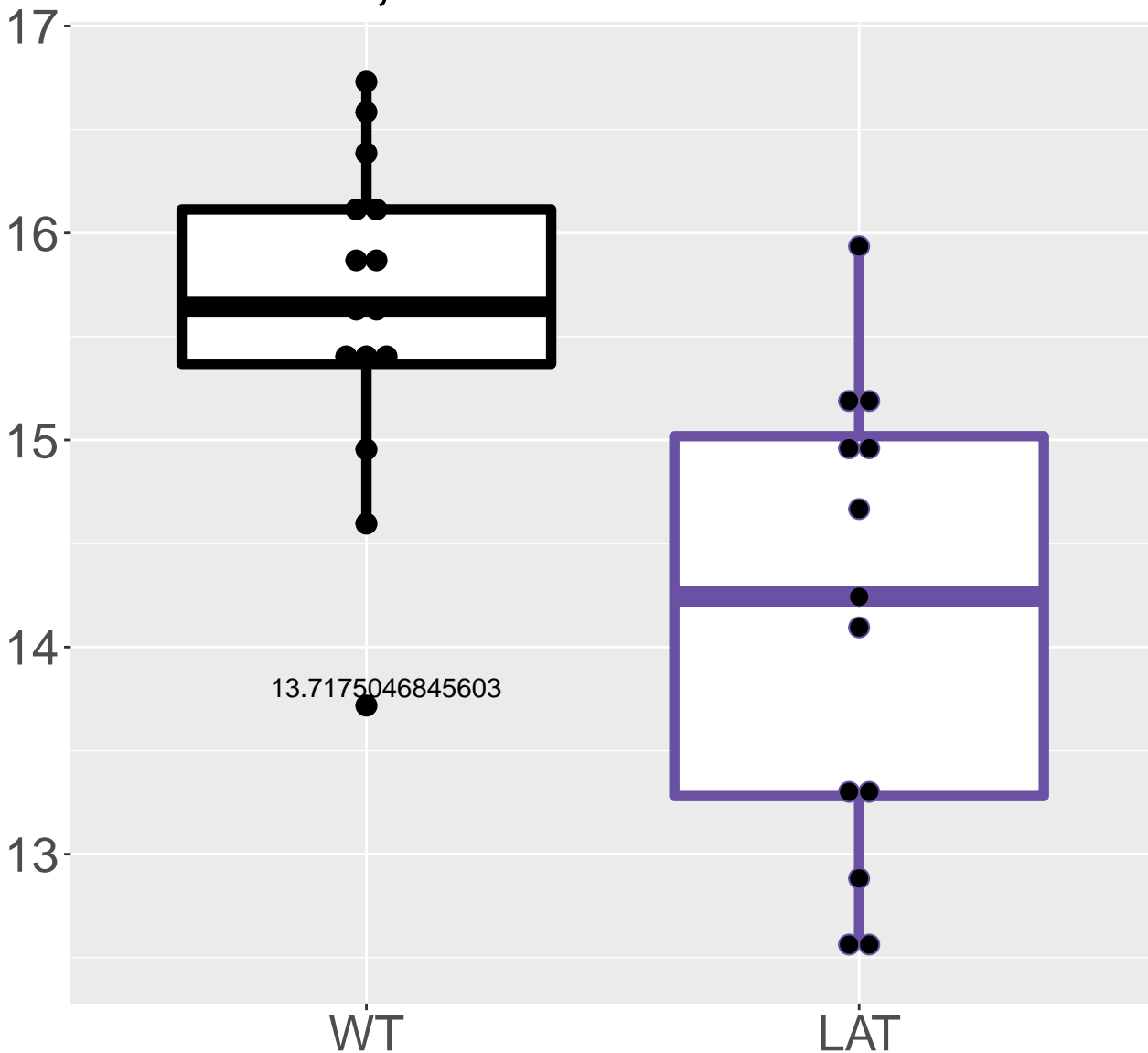


L-Asparagine; Asparagine
FDR = 0.0012, FC = -0.63



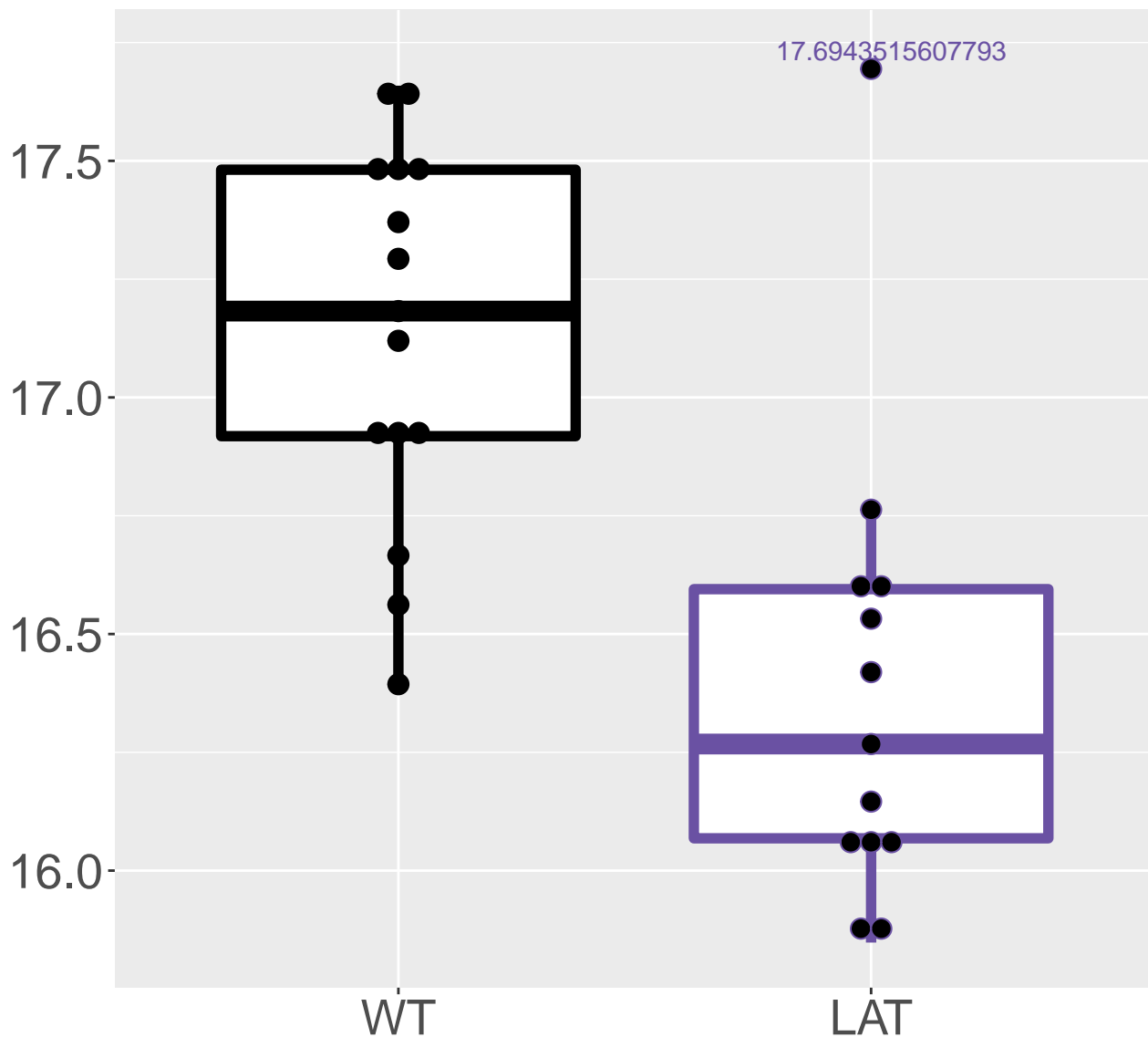
M289.07T400.09

FDR = 0.0012, FC = -1.5

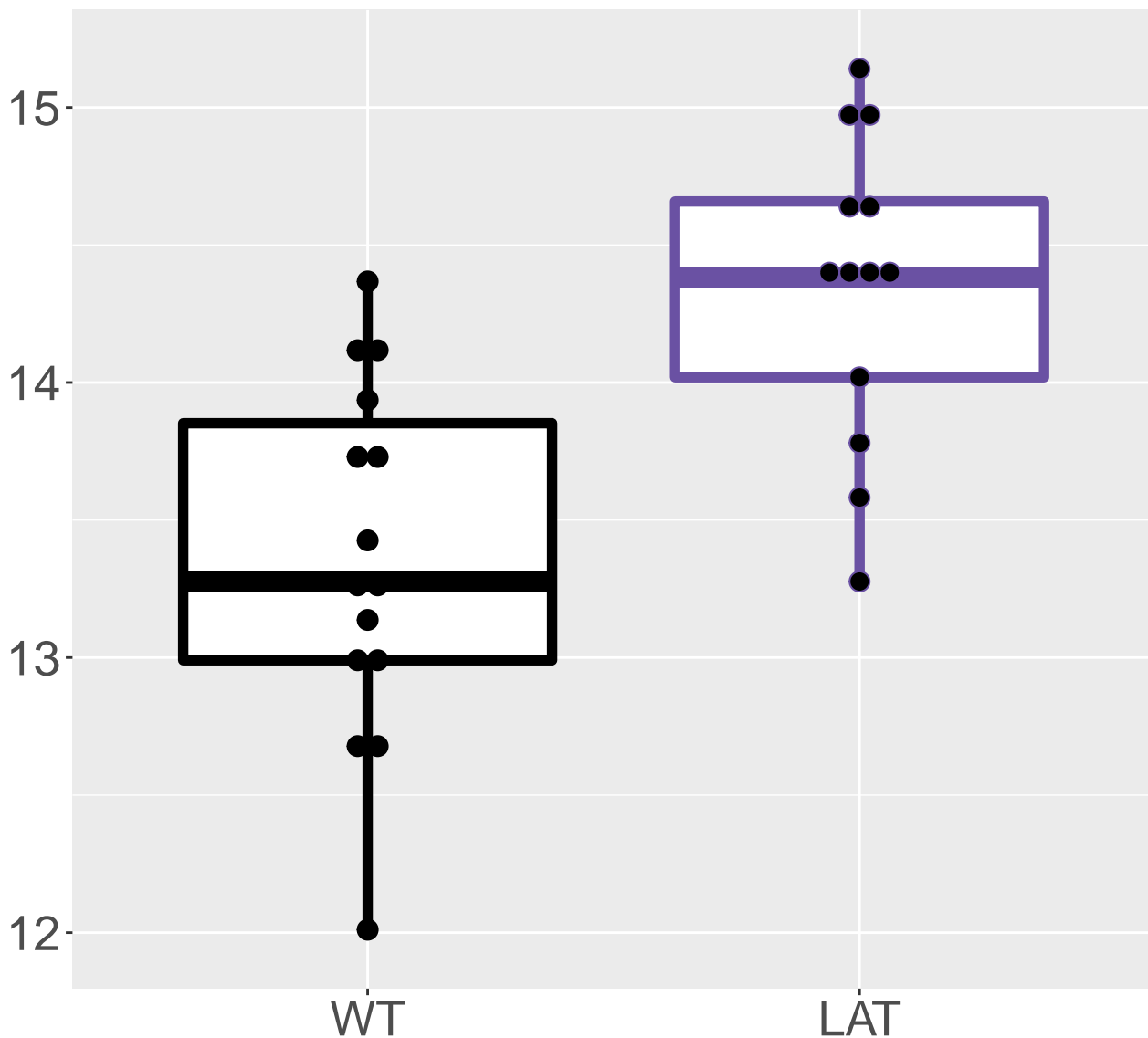


M587.1839T608.07

FDR = 0.0013, FC = -0.76

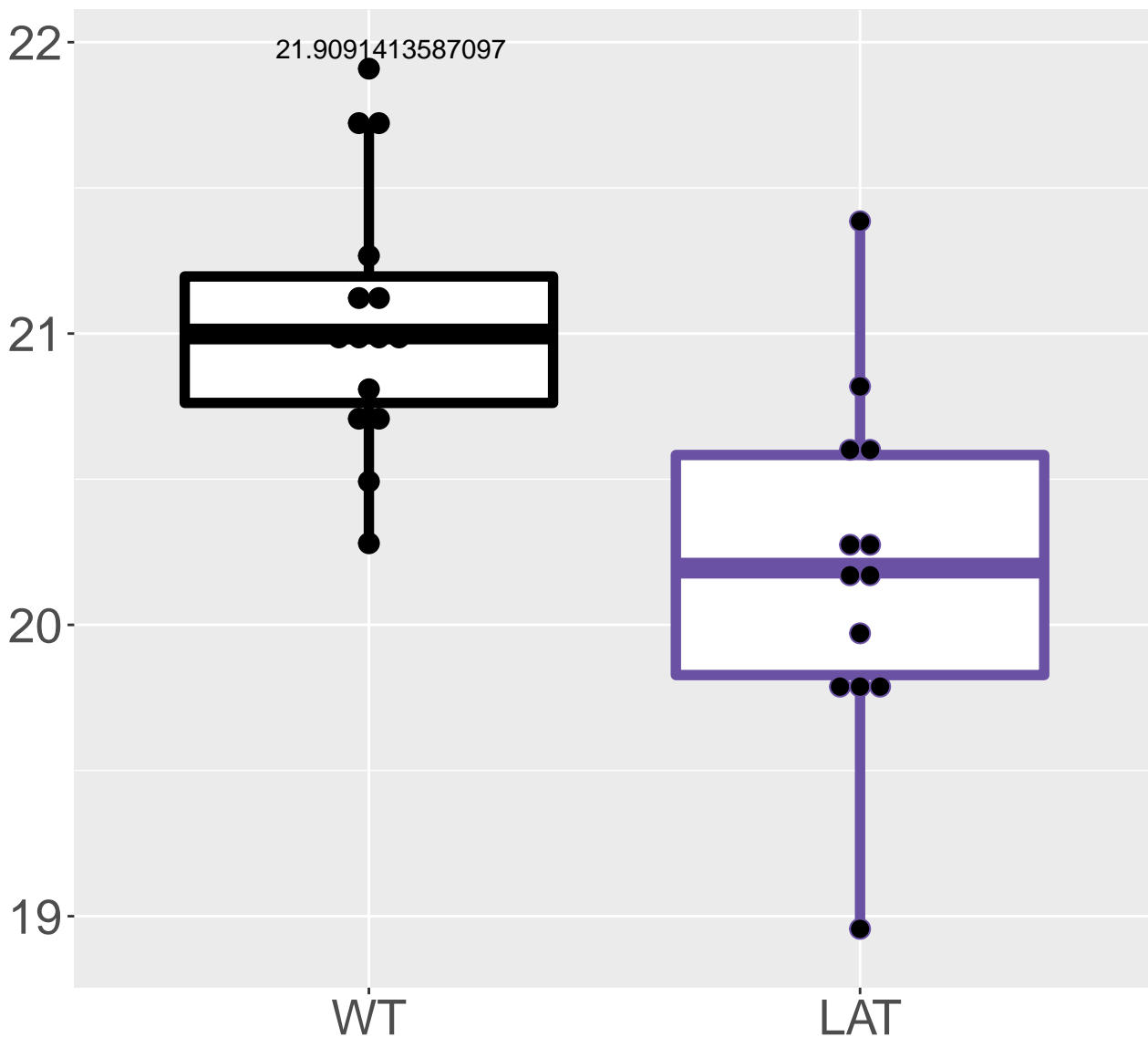


M486.672T667.6
FDR = 0.0014, FC = 0.99



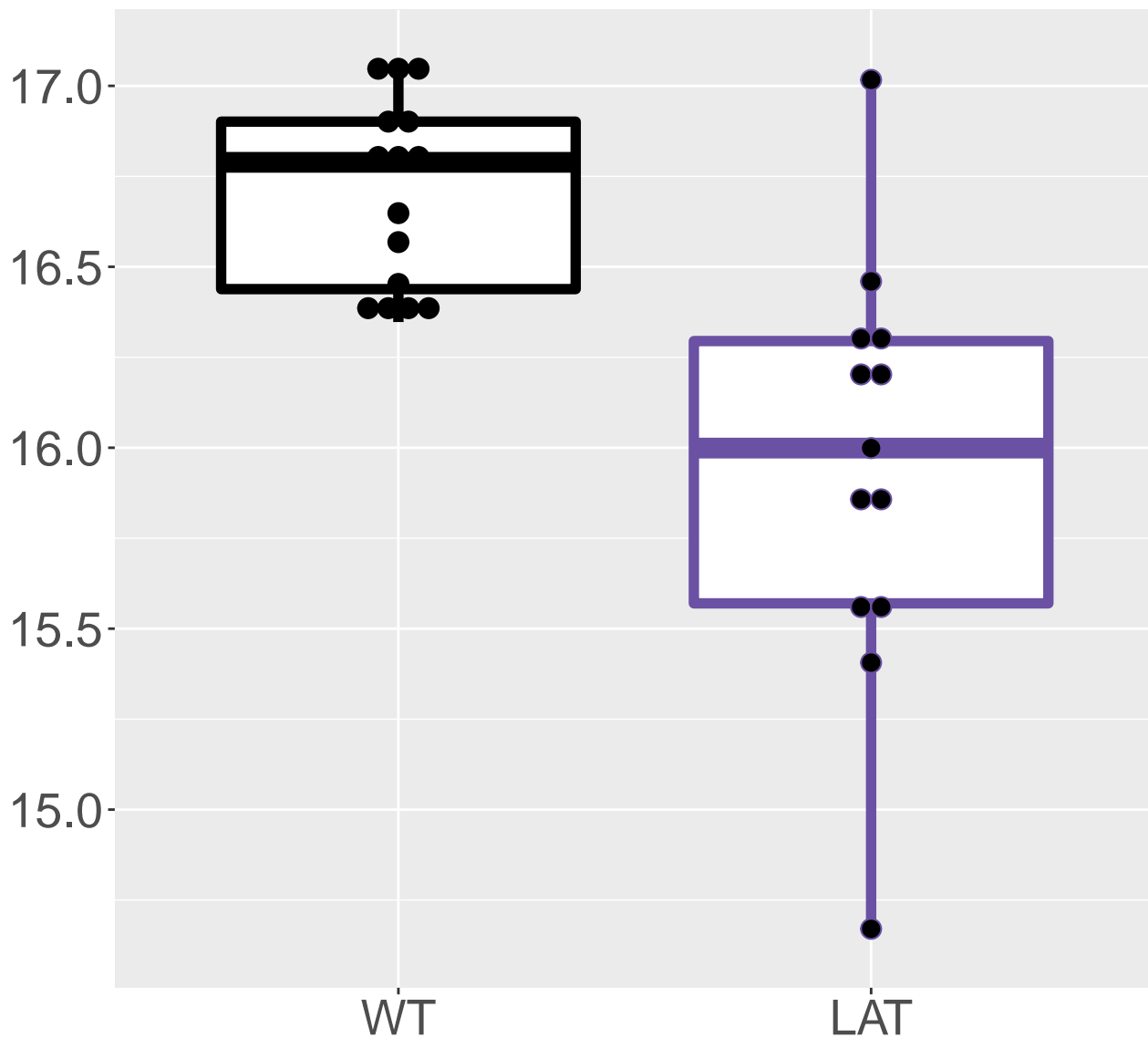
M402.1258T536.64

FDR = 0.0014, FC = -0.85

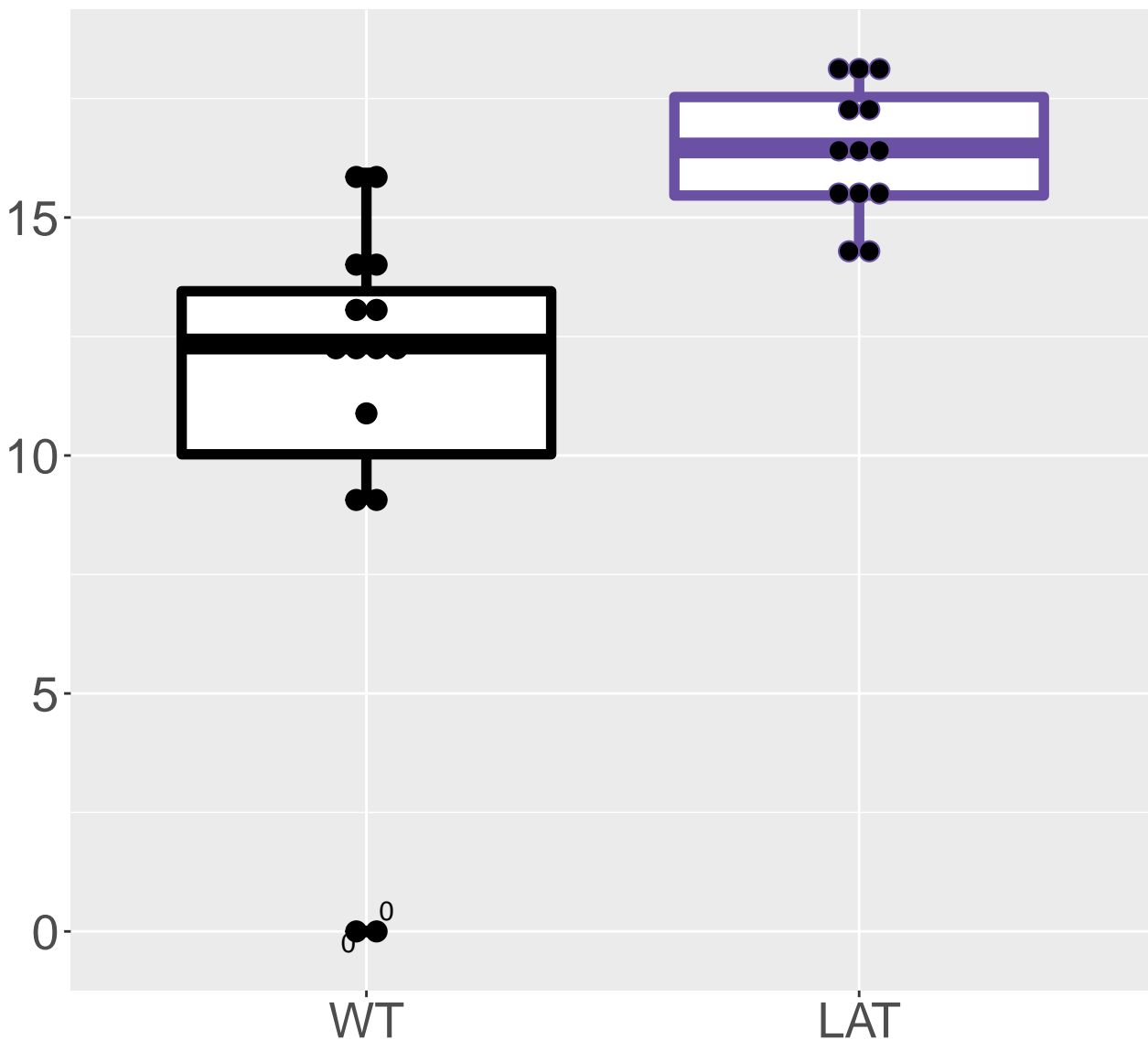


M445.1456T578.21

FDR = 0.0014, FC = -0.75

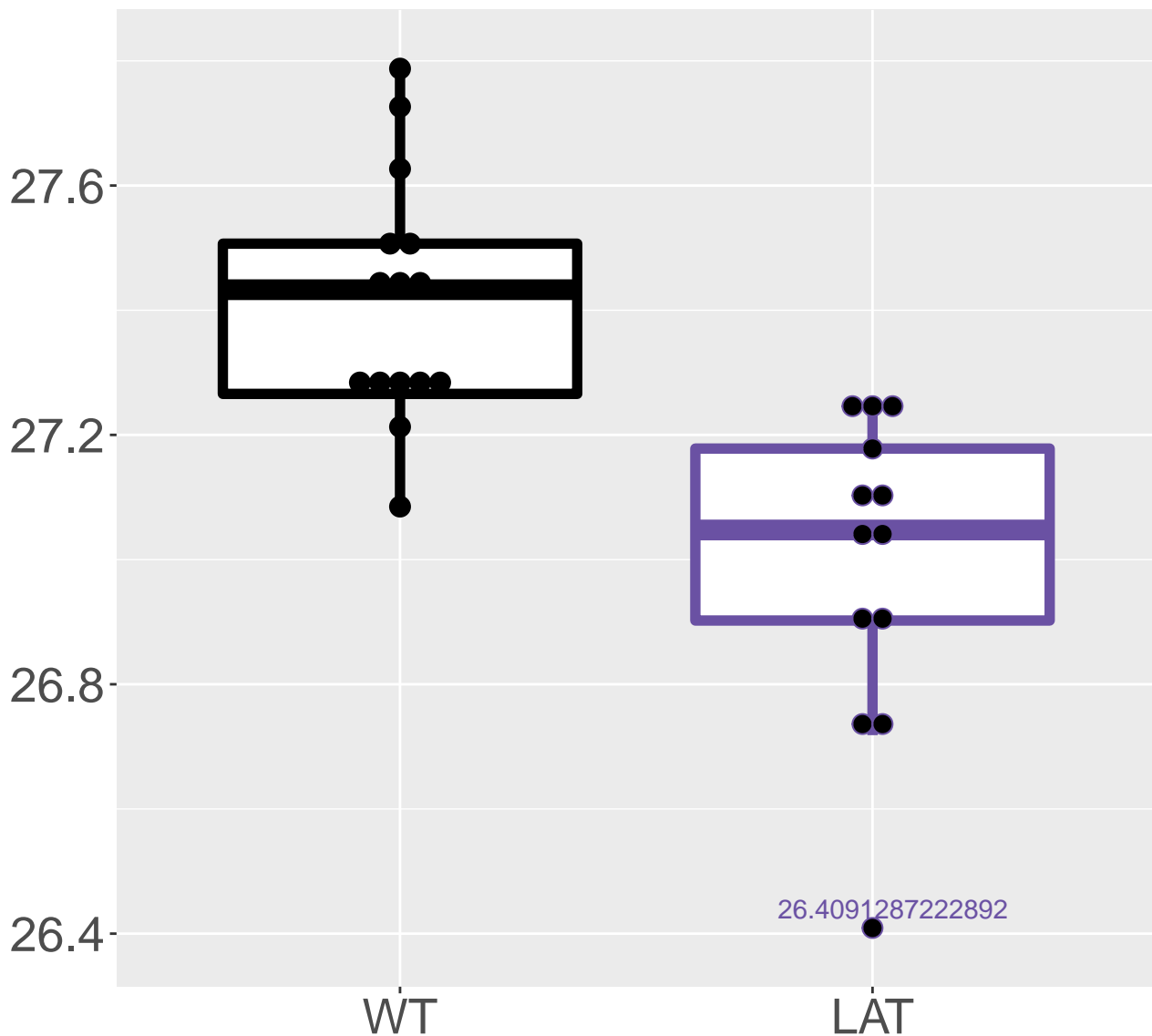


M368.9998T609.4
FDR = 0.0014, FC = 5.5



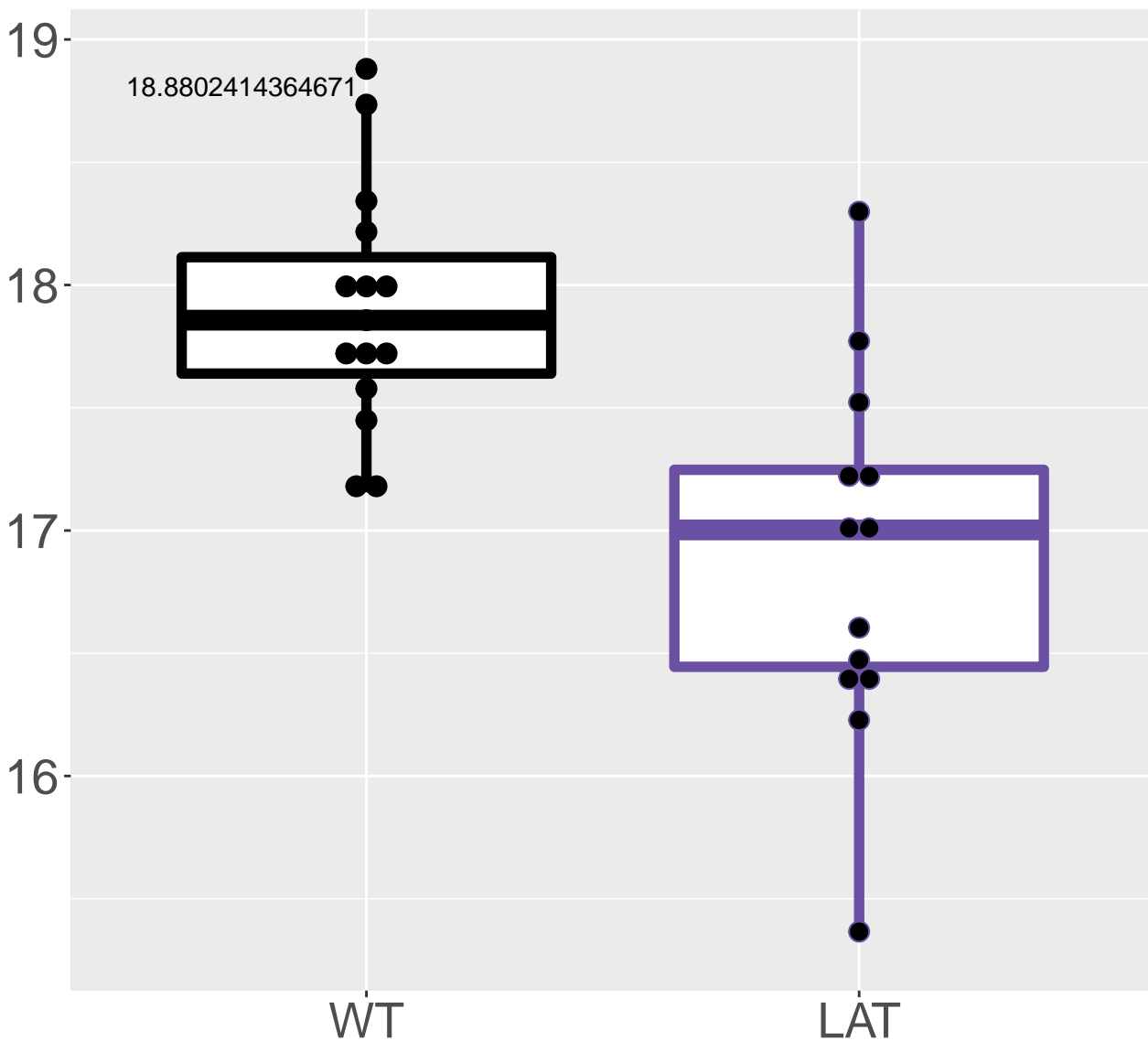
\hat{I}^3 -Linolenic acid

FDR = 0.0014, FC = -0.42



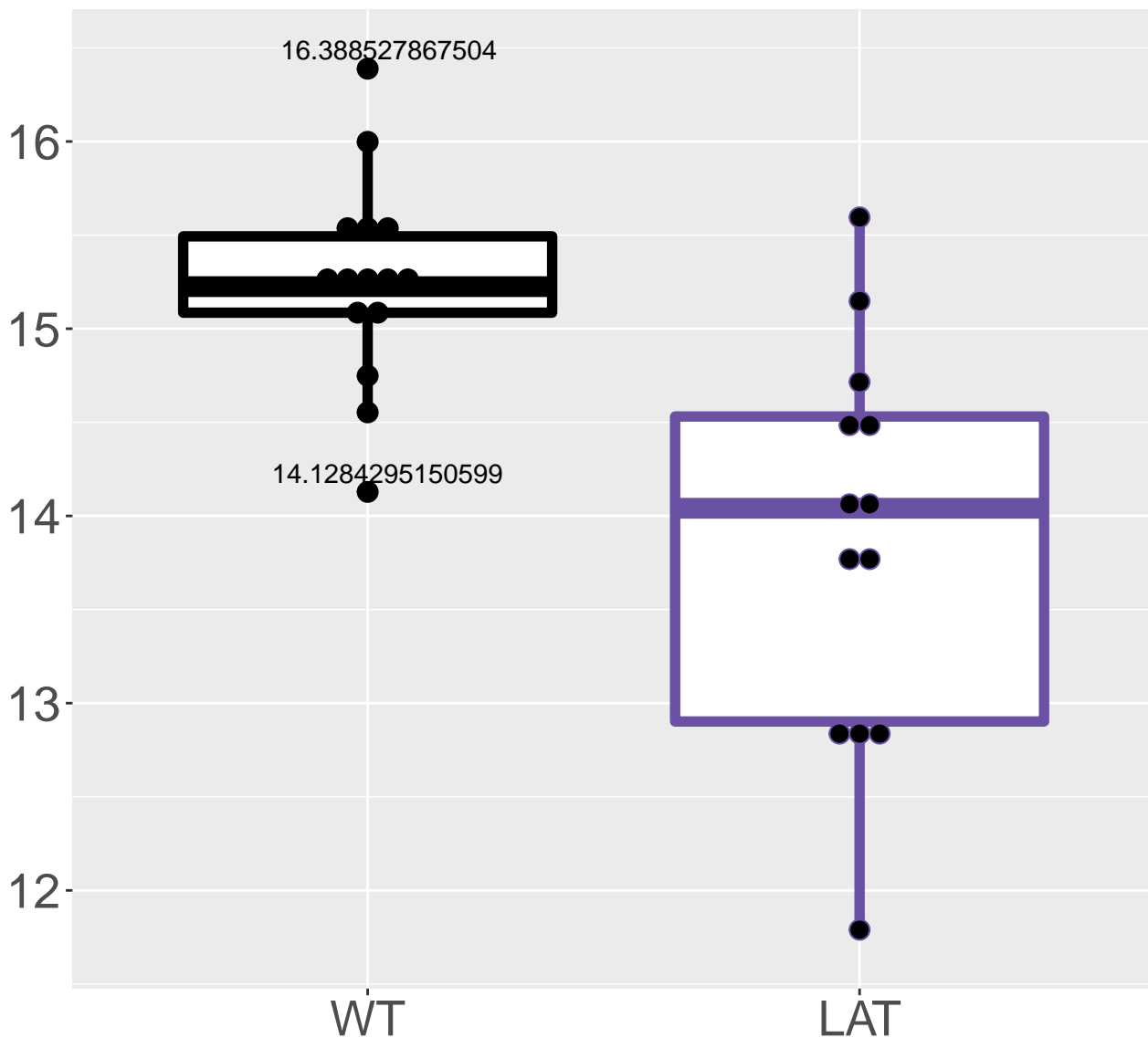
M879.1789T544.56

FDR = 0.0014, FC = -1

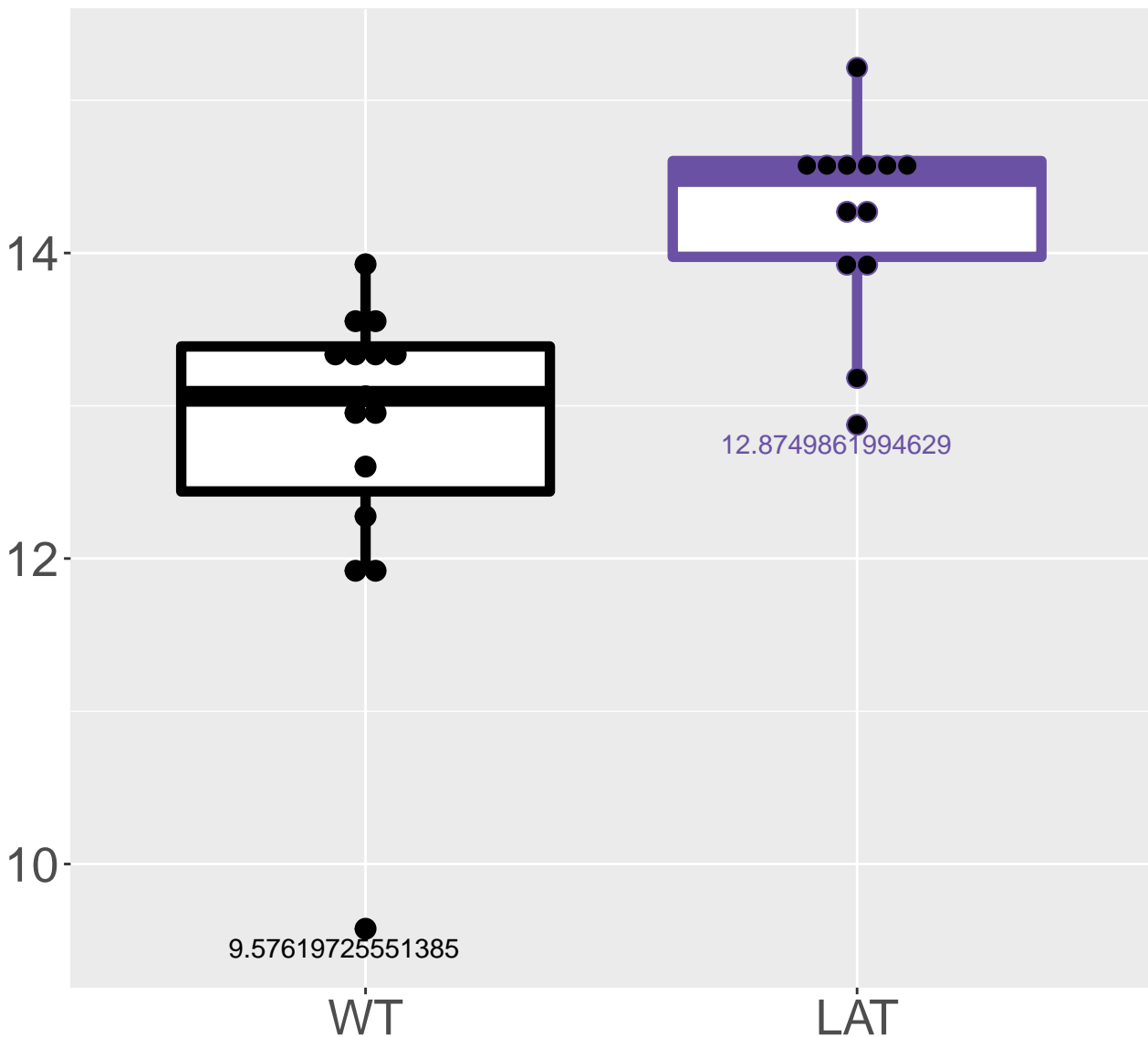


M542.1861T543.68

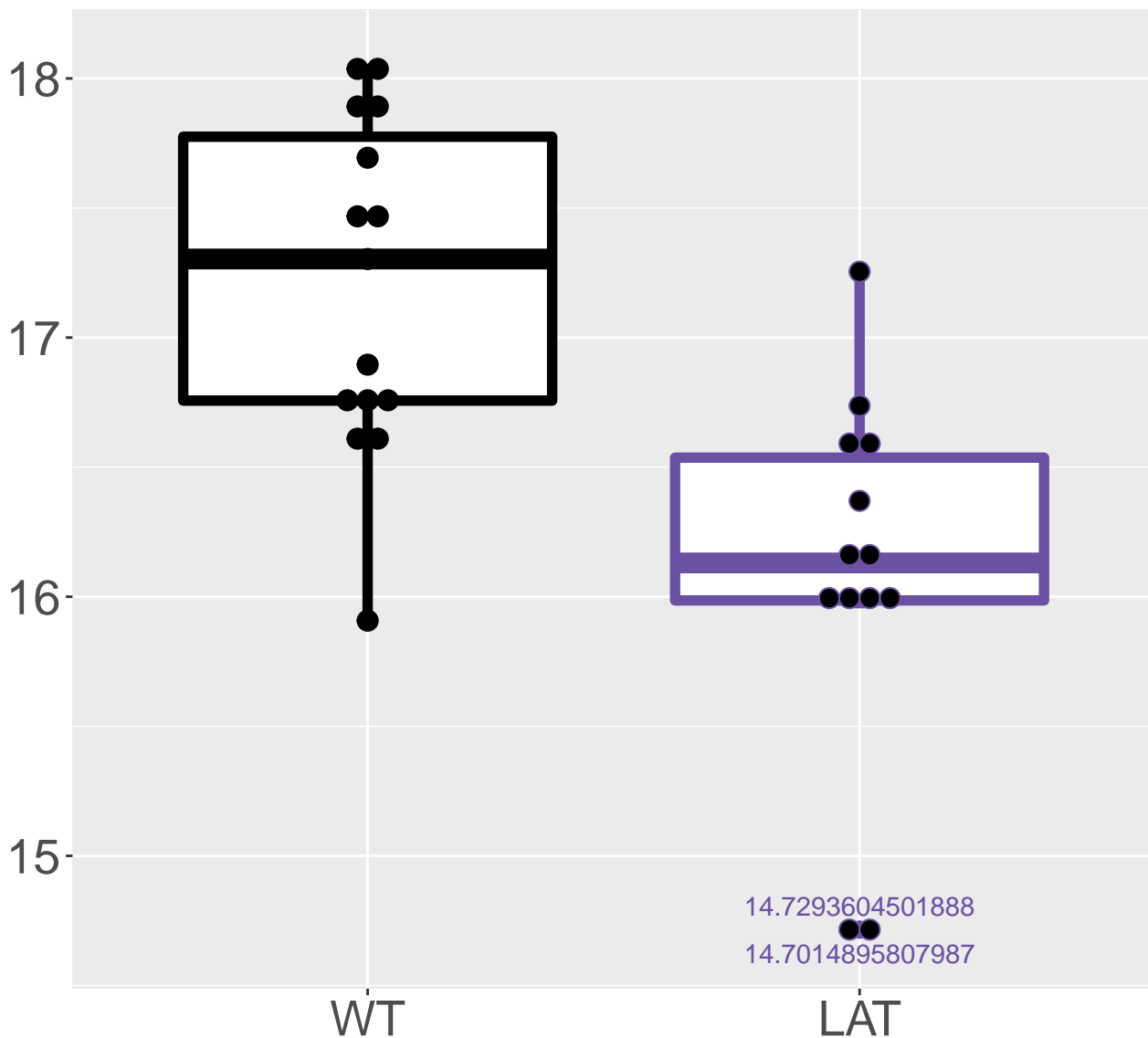
FDR = 0.0014, FC = -1.4



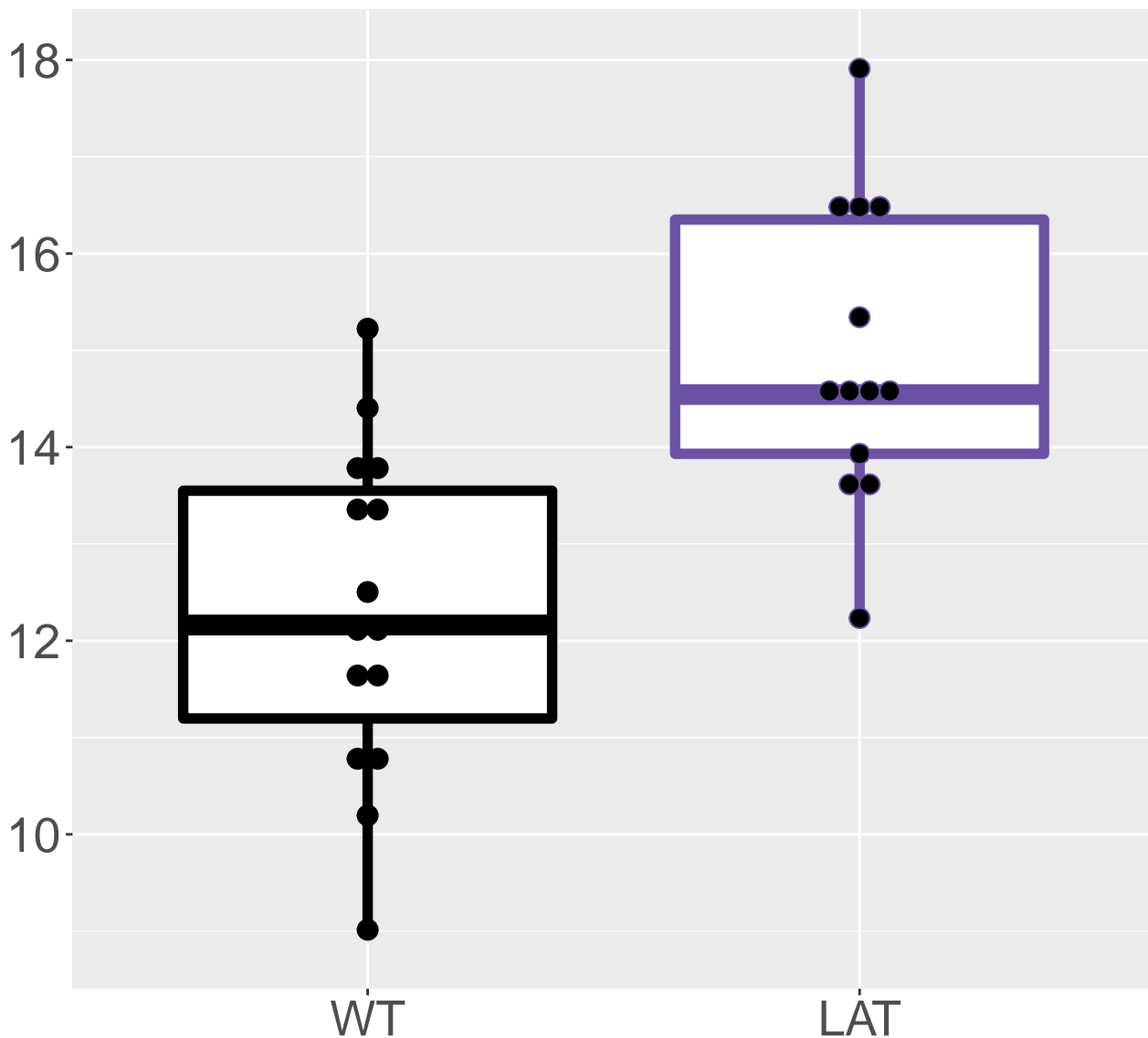
M681.6334T617.92
FDR = 0.0014, FC = 1.5



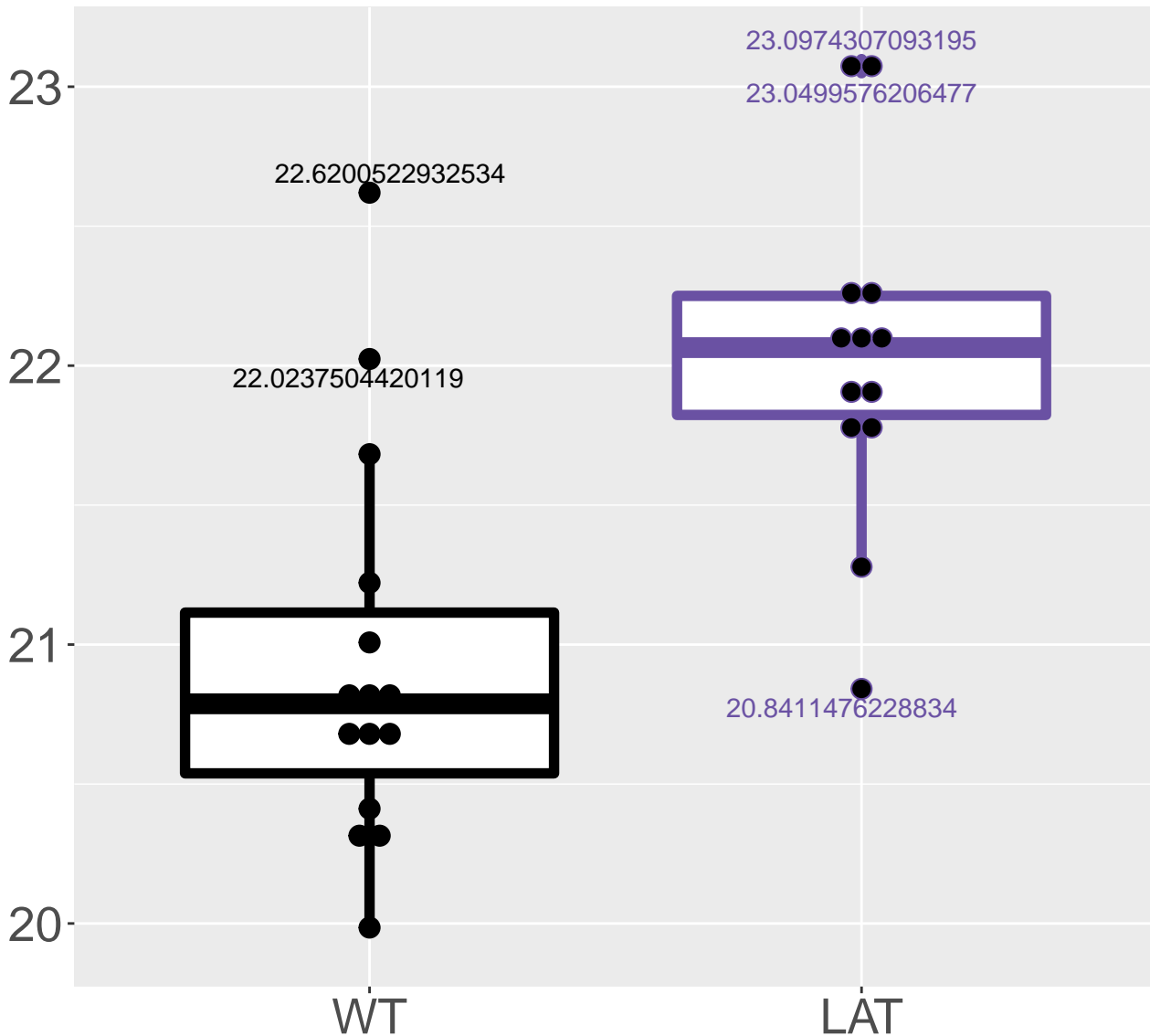
FDR = 0.0014, FC = -1.1



M289.129T95.28
FDR = 0.0015, FC = 2.6

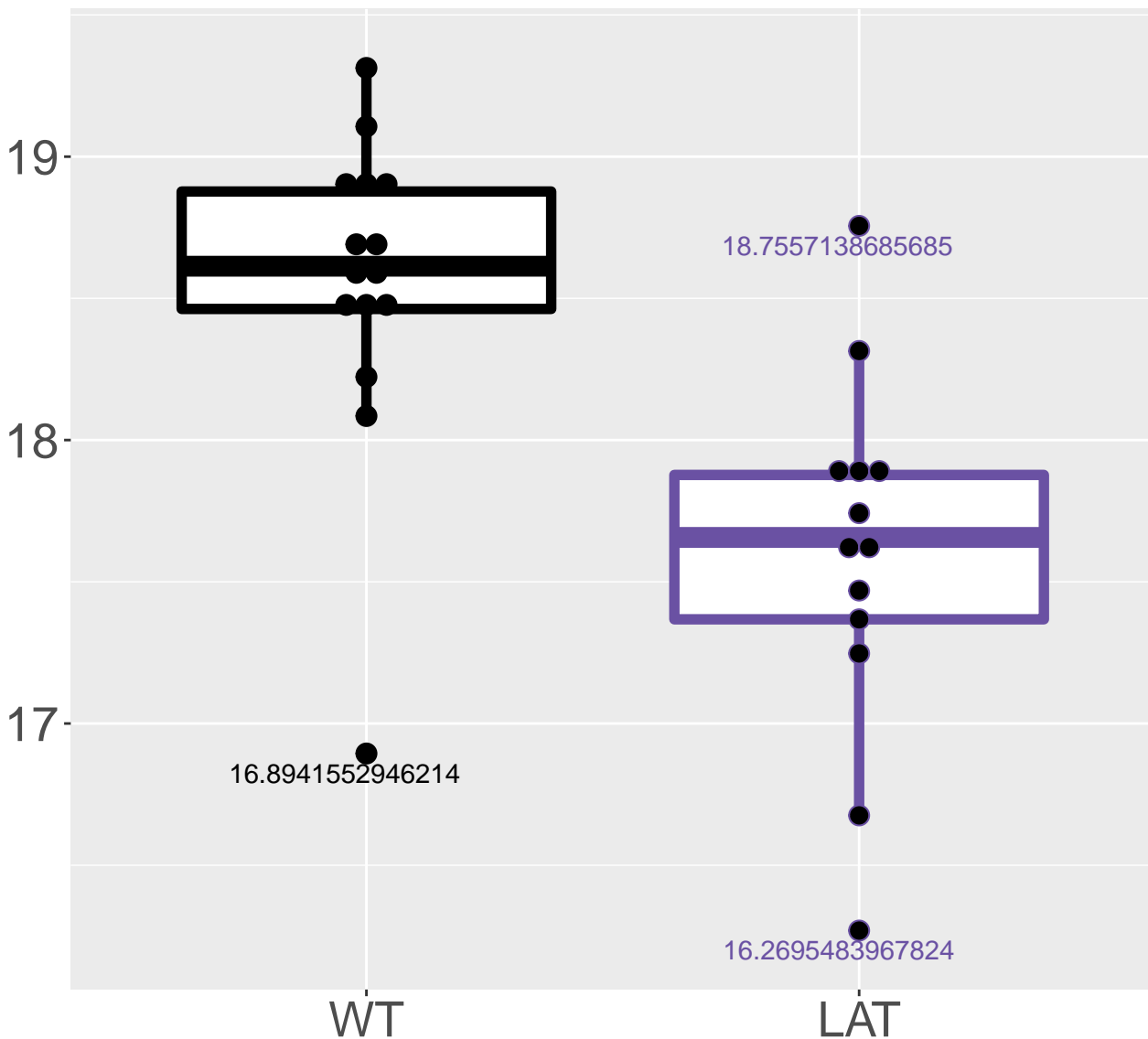


M82.9542T186.2
FDR = 0.0015, FC = 1.1



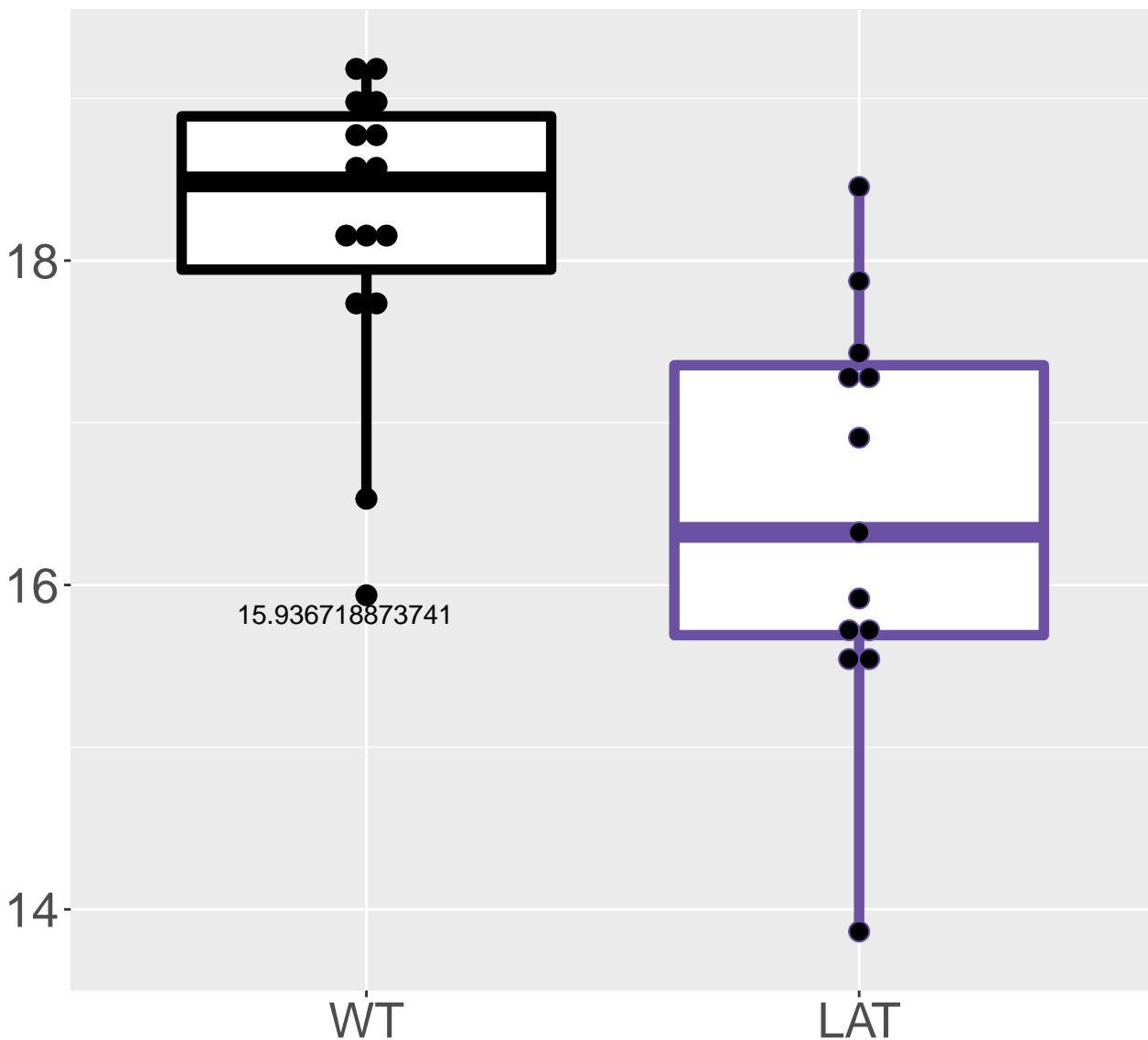
M281.1075T469.64

FDR = 0.0015, FC = -0.96



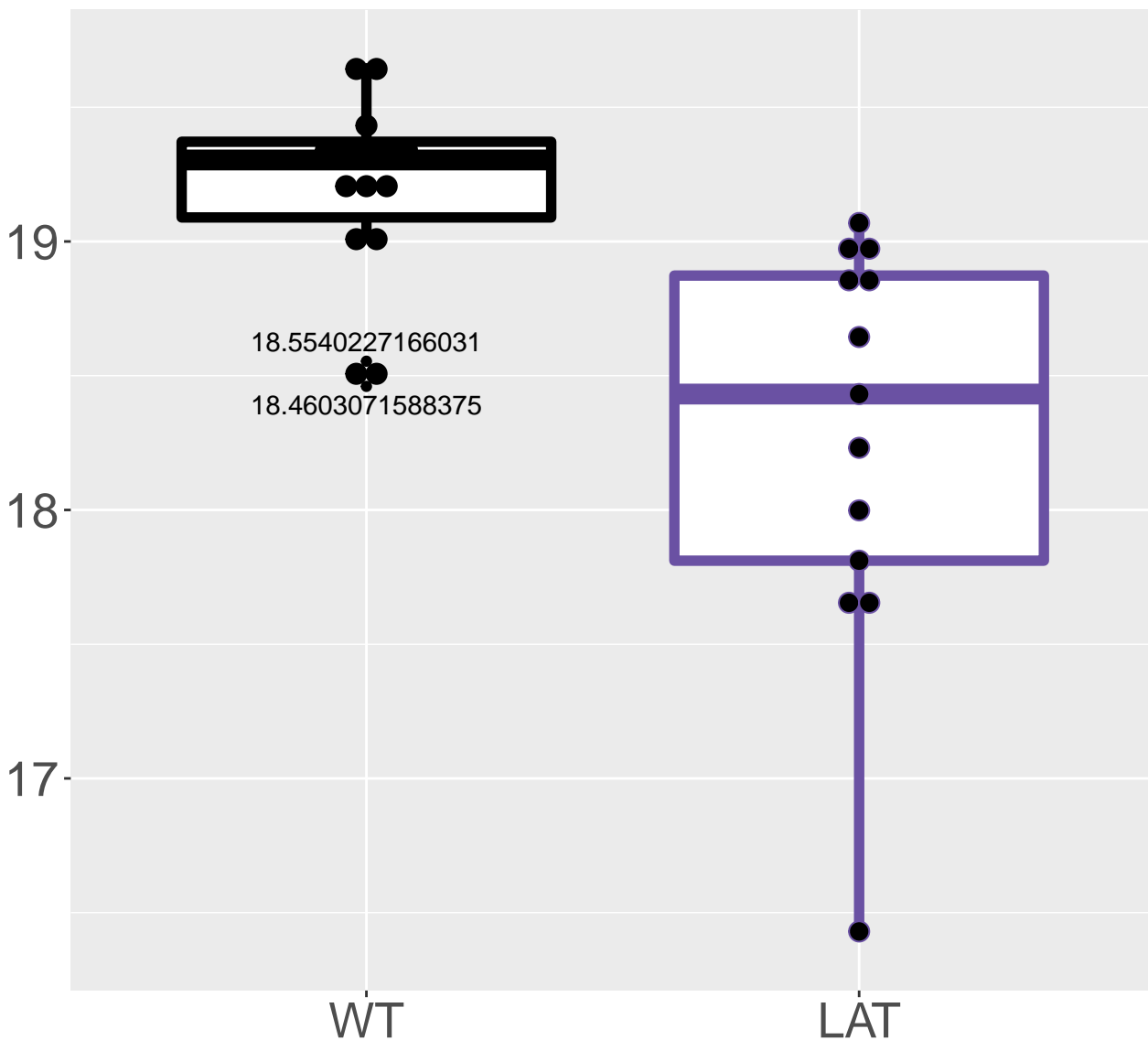
M830.2786T525.56

FDR = 0.0015, FC = -1.8

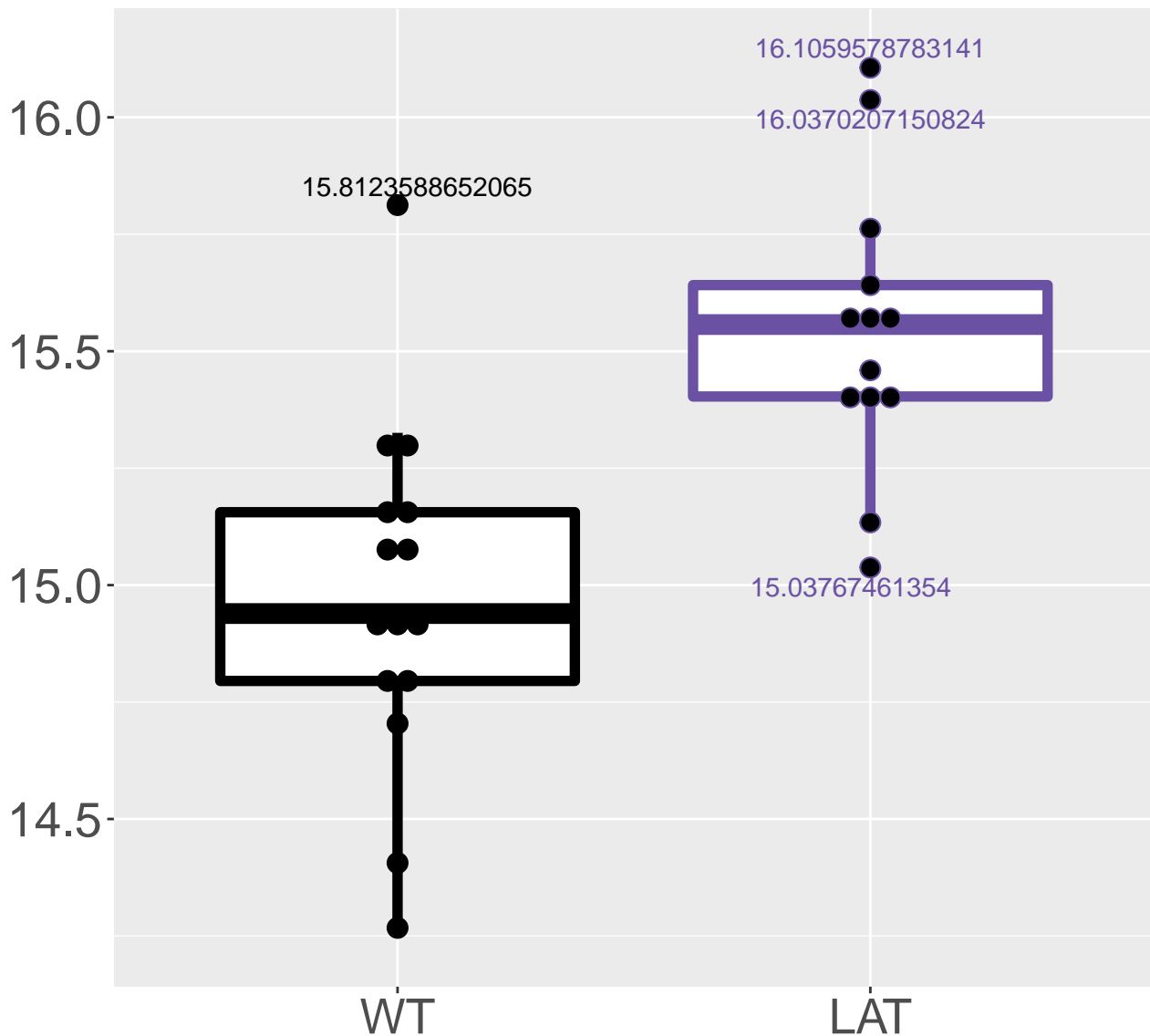


M172.0979T259.46

FDR = 0.0017, FC = -0.93

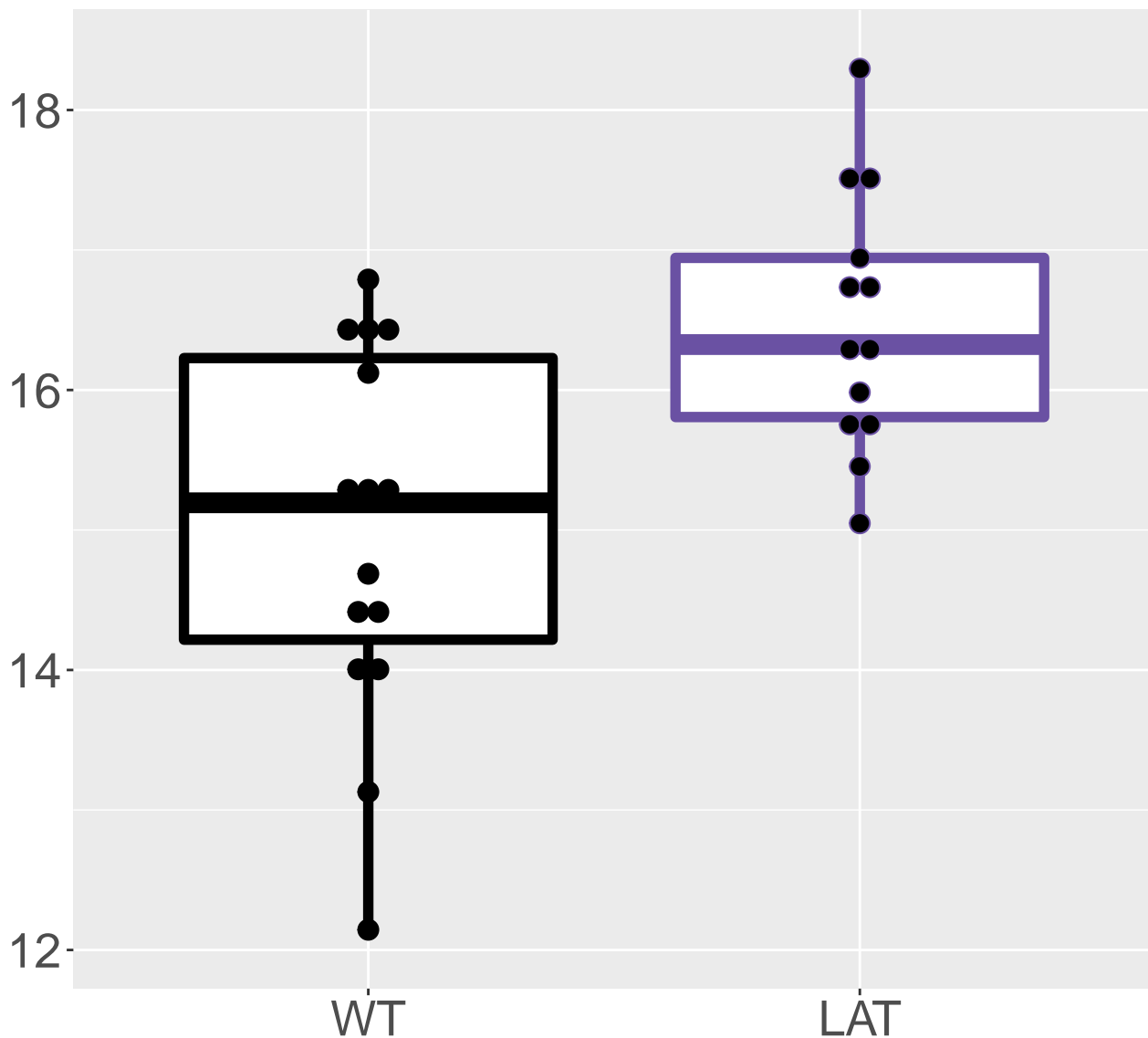


M239.0235T637.13
FDR = 0.0017, FC = 0.57



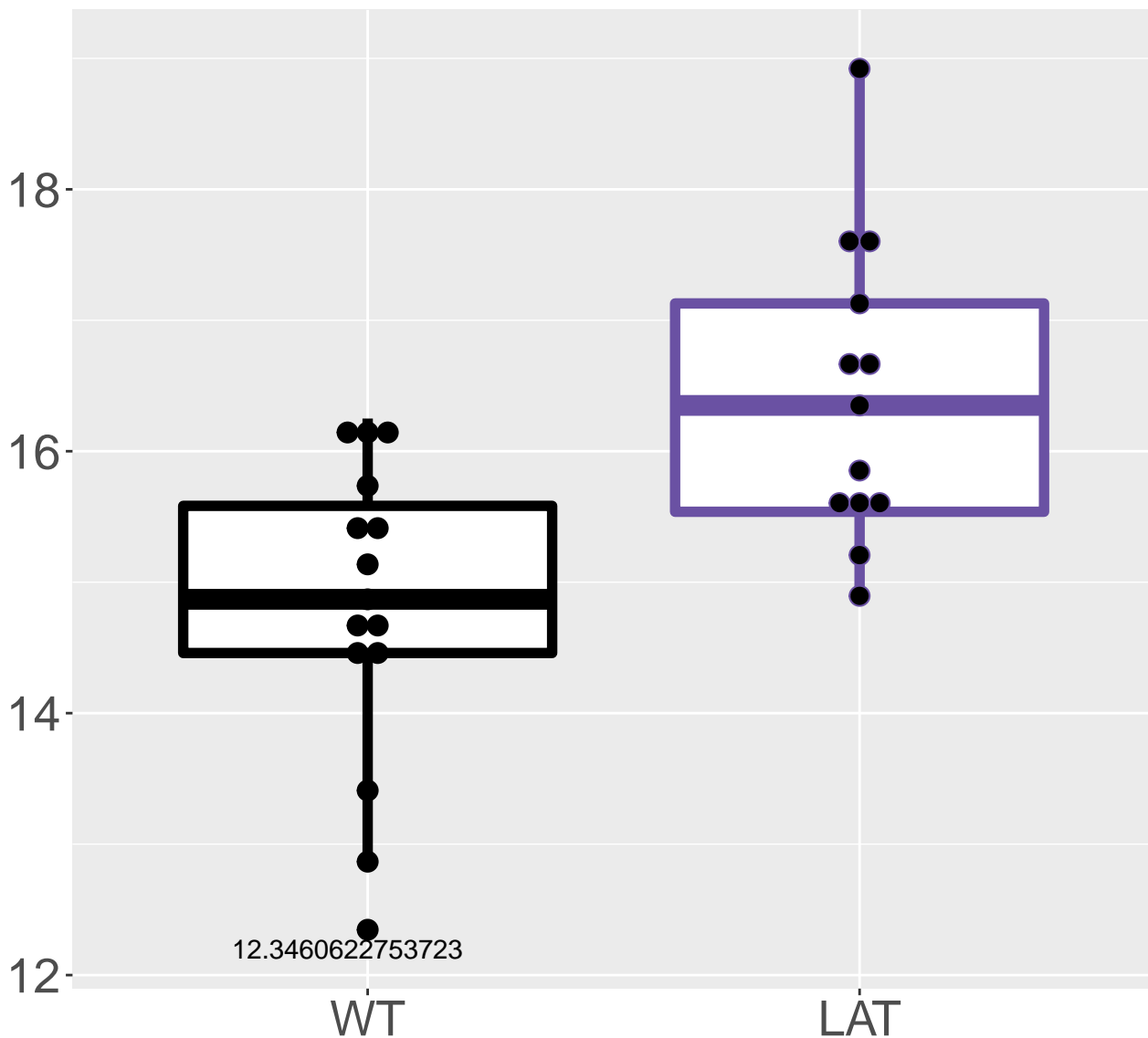
M407.0995T382.21

FDR = 0.0018, FC = 1.5, sex**



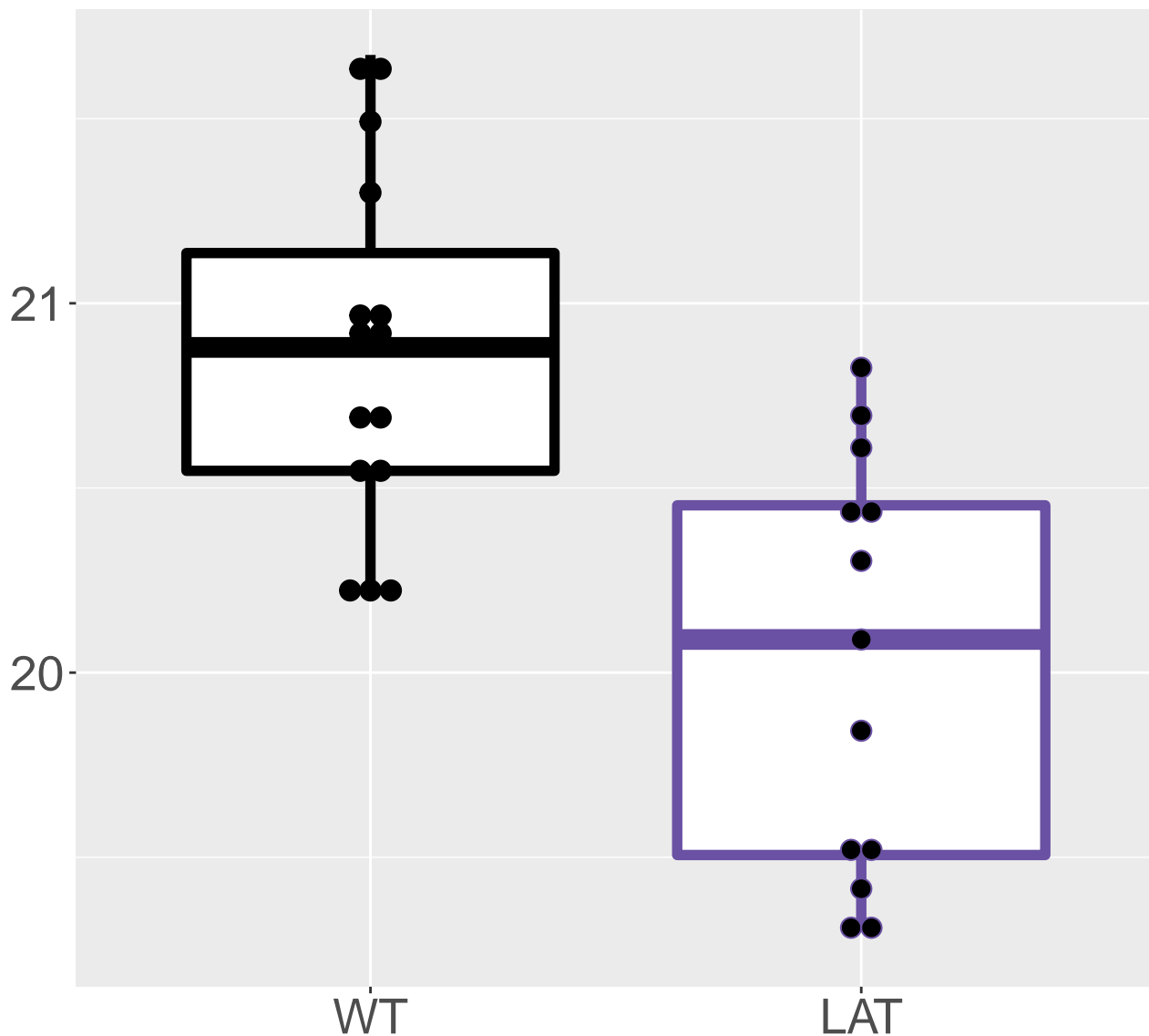
M510.2547T87.09

FDR = 0.0018, FC = 1.6



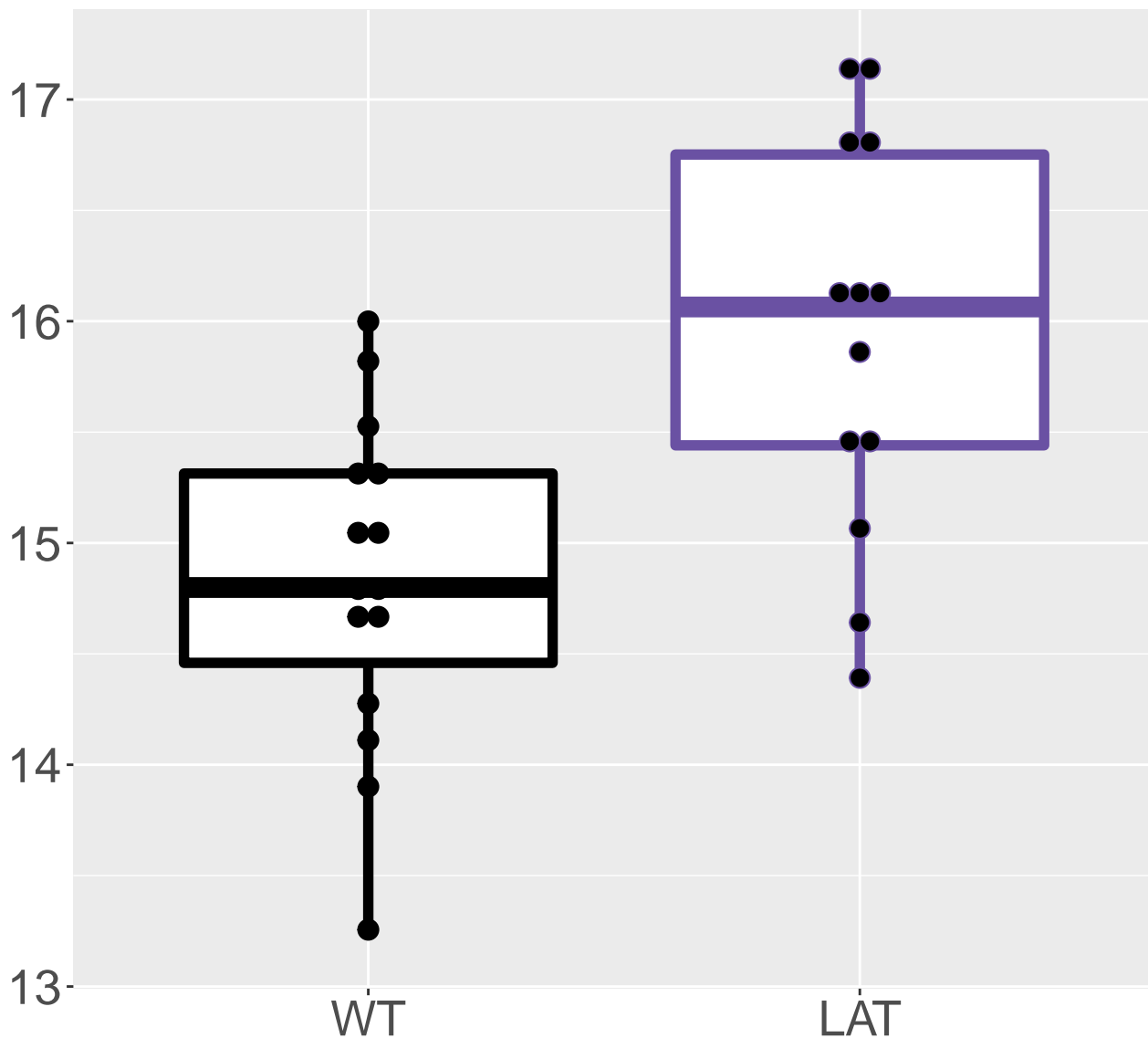
M369.0991T365.41

FDR = 0.0018, FC = -0.84

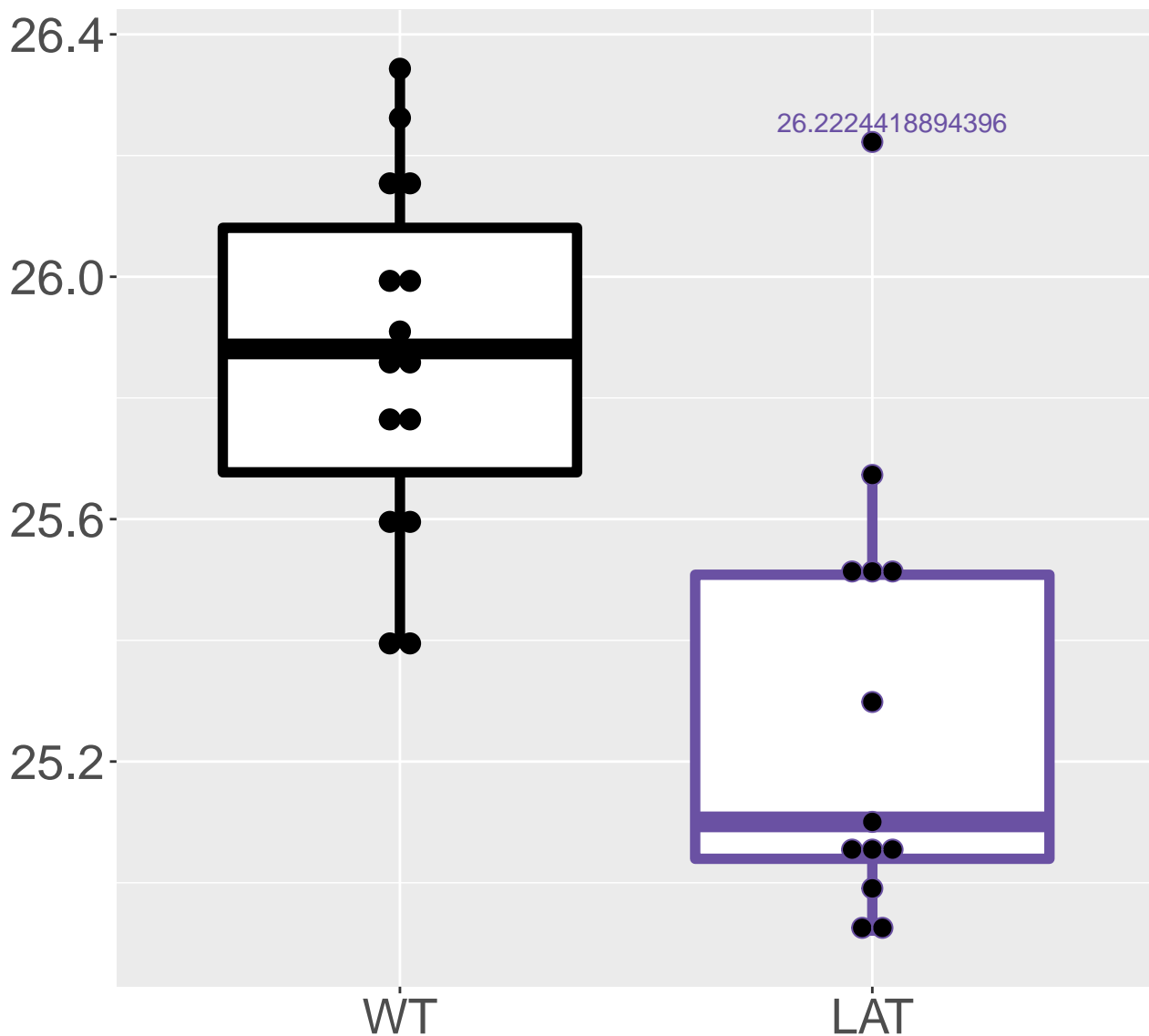


M650.9306T555.52

FDR = 0.0018, FC = 1.1, sex**

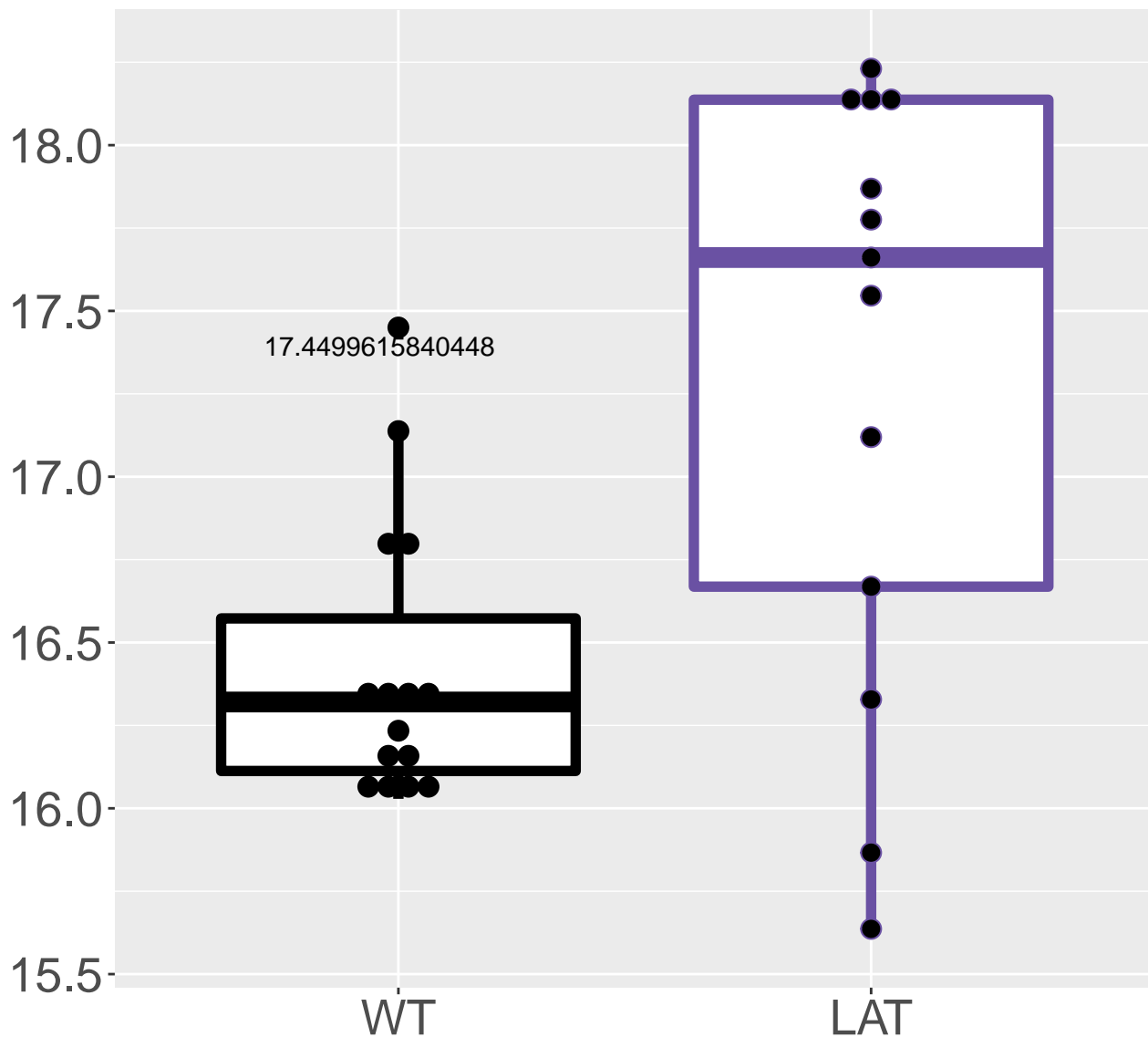


Maltotetraose|Stachyose
FDR = 0.0018, FC = -0.57

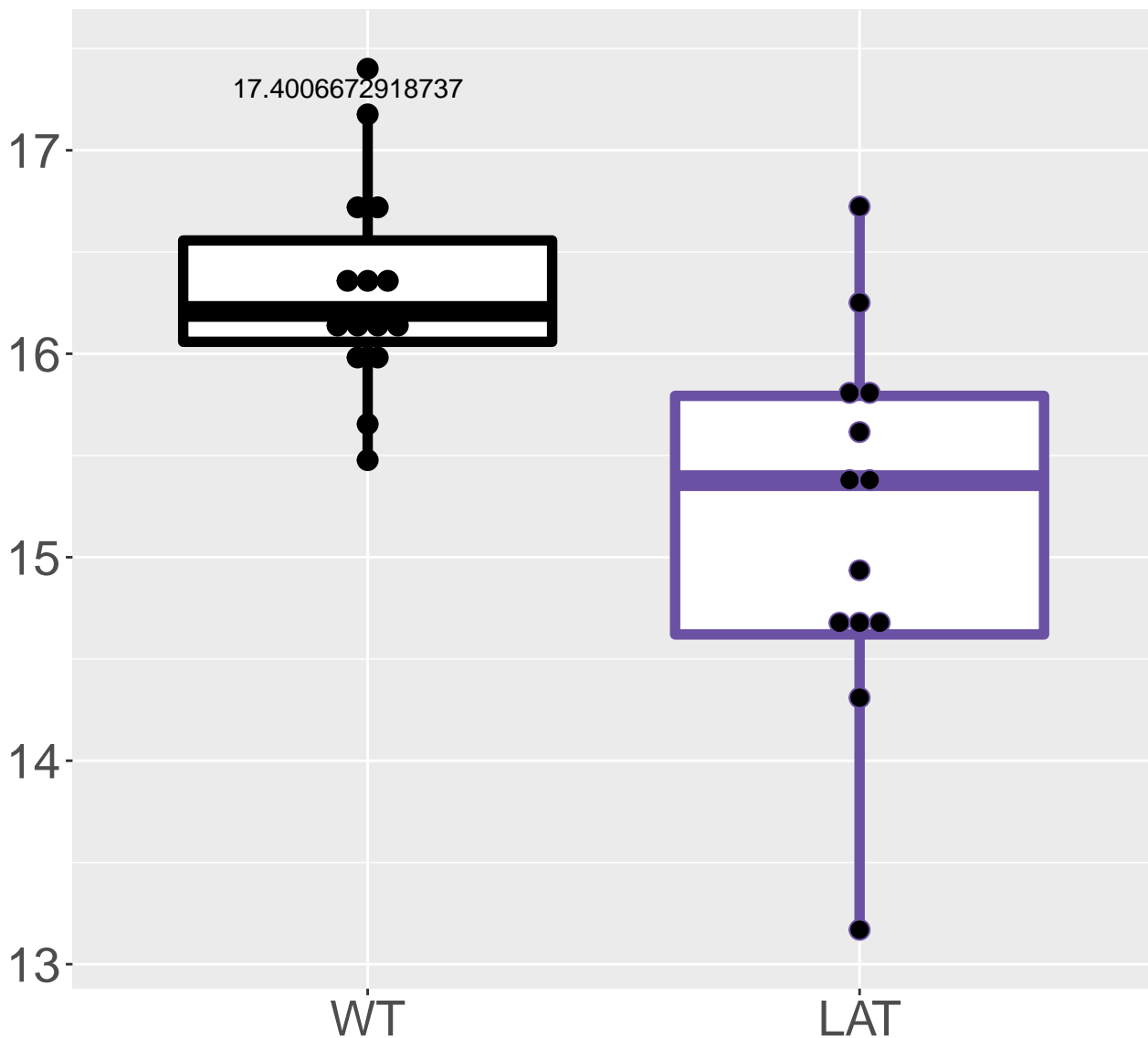


M885.2615T578.4

FDR = 0.0019, FC = 0.89, sex**

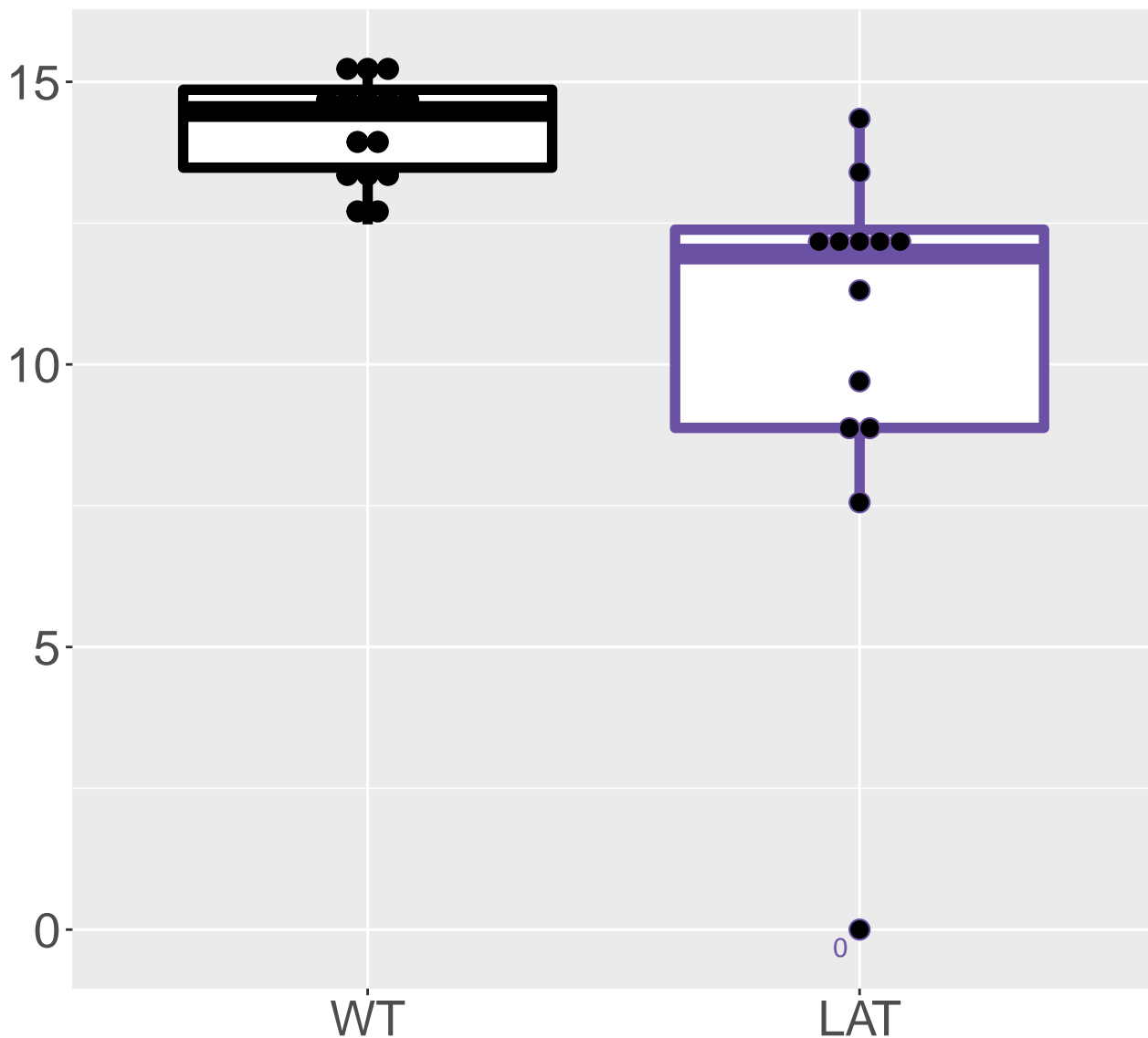


M977.155T545.47
FDR = 0.0019, FC = -1.1



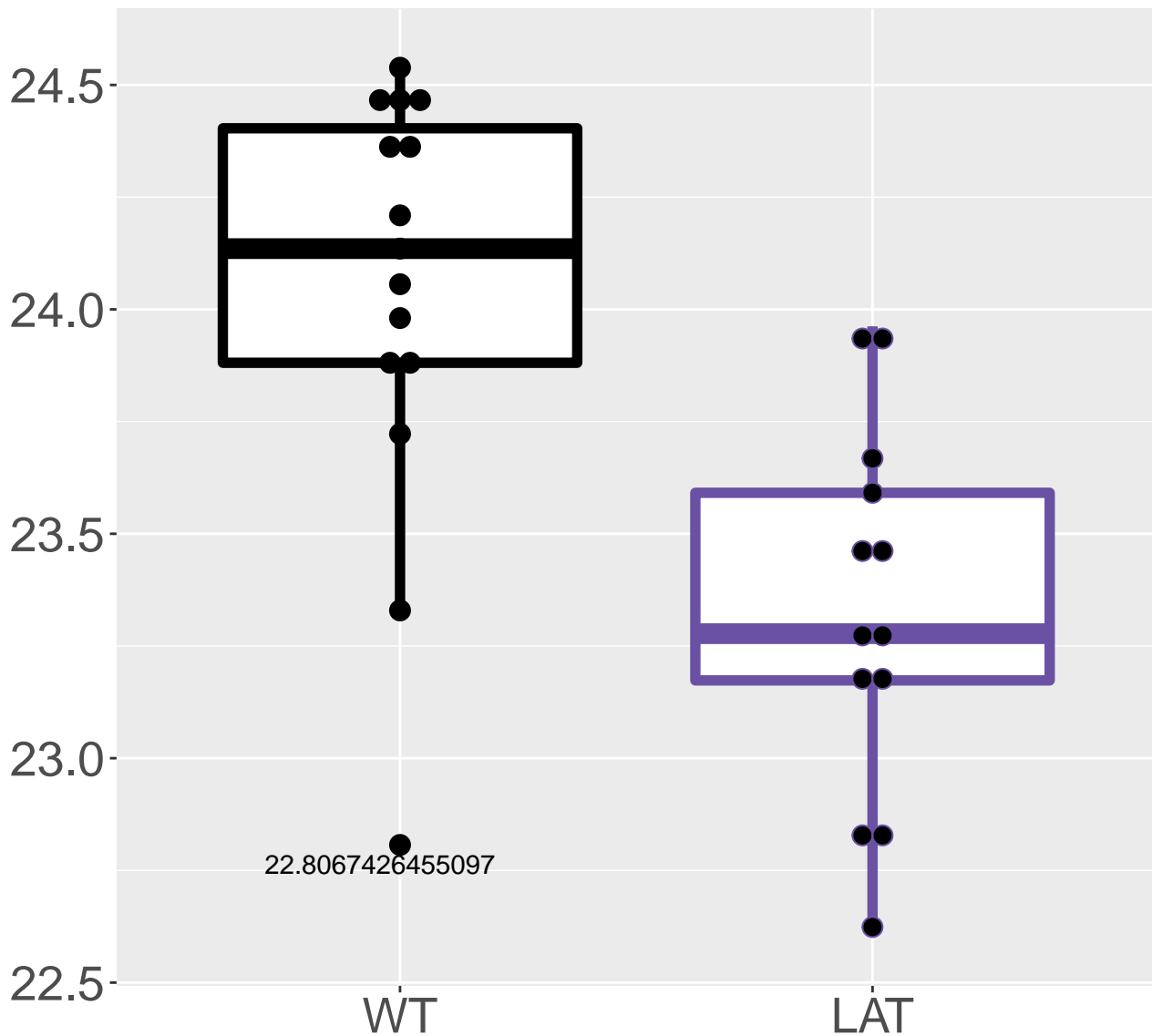
M590.1892T365.29

FDR = 0.0019, FC = -3.8



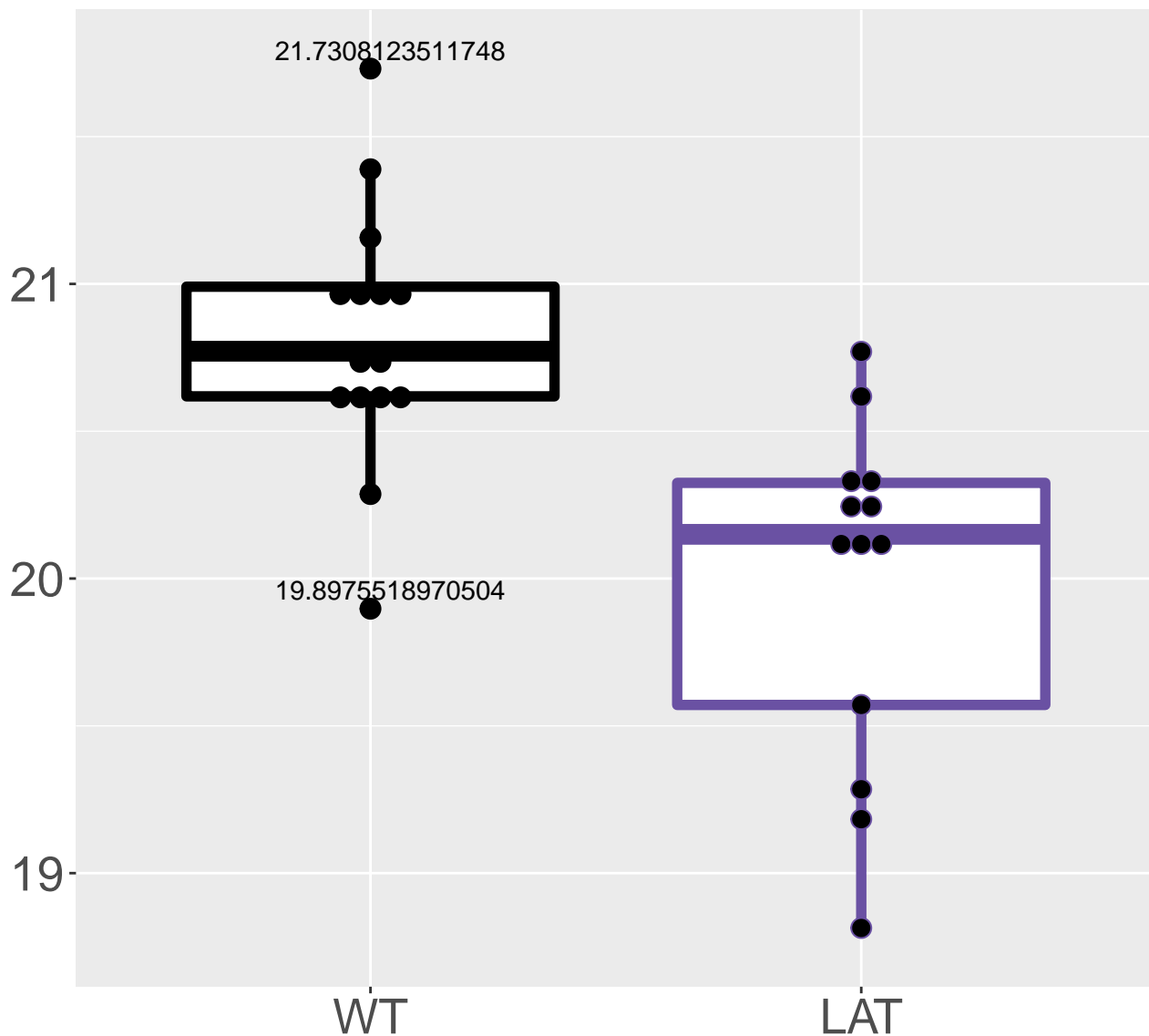
M311.1101T469.98

FDR = 0.0019, FC = -0.72



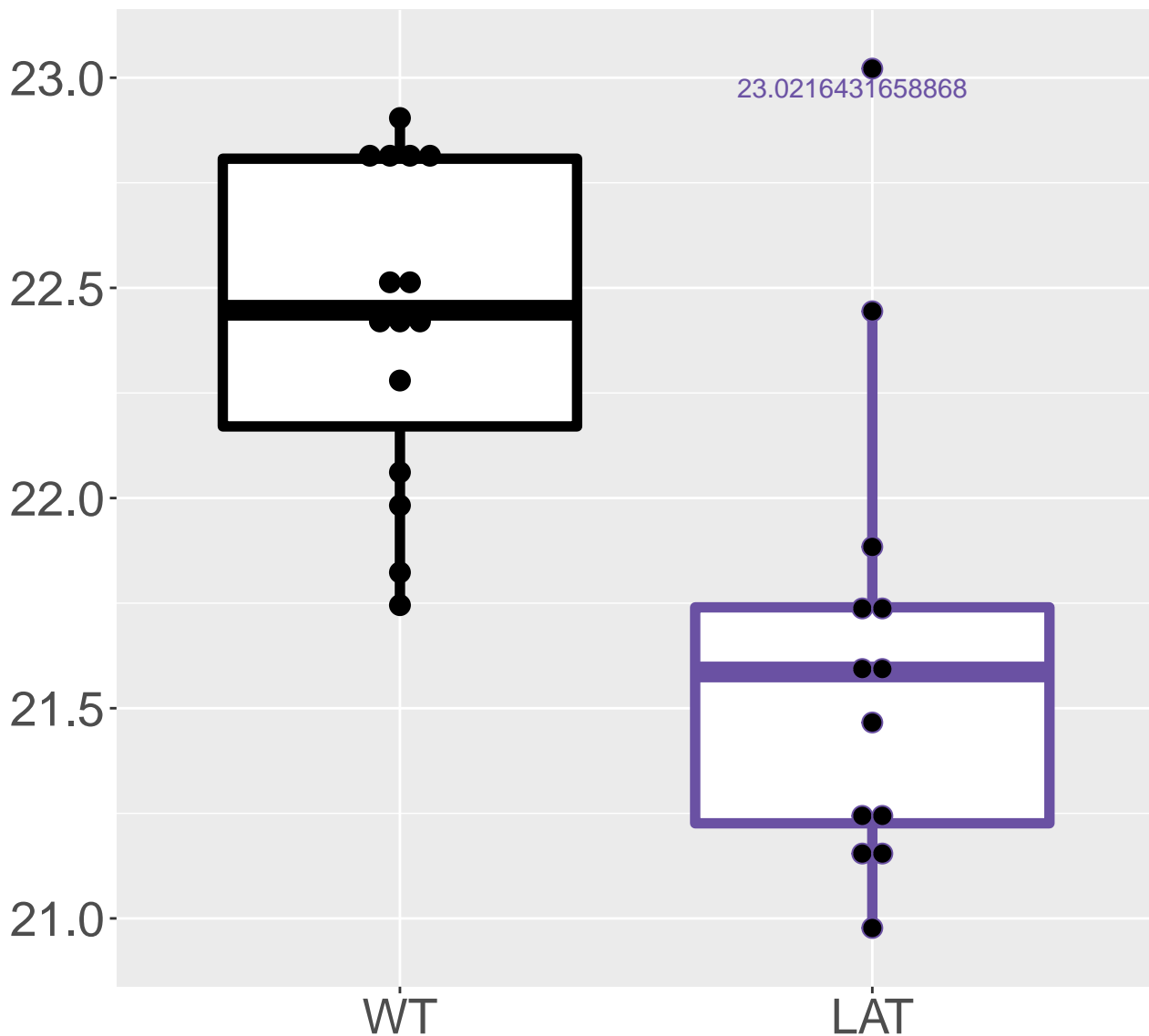
M585.4895T77.49

FDR = 0.0019, FC = -0.84

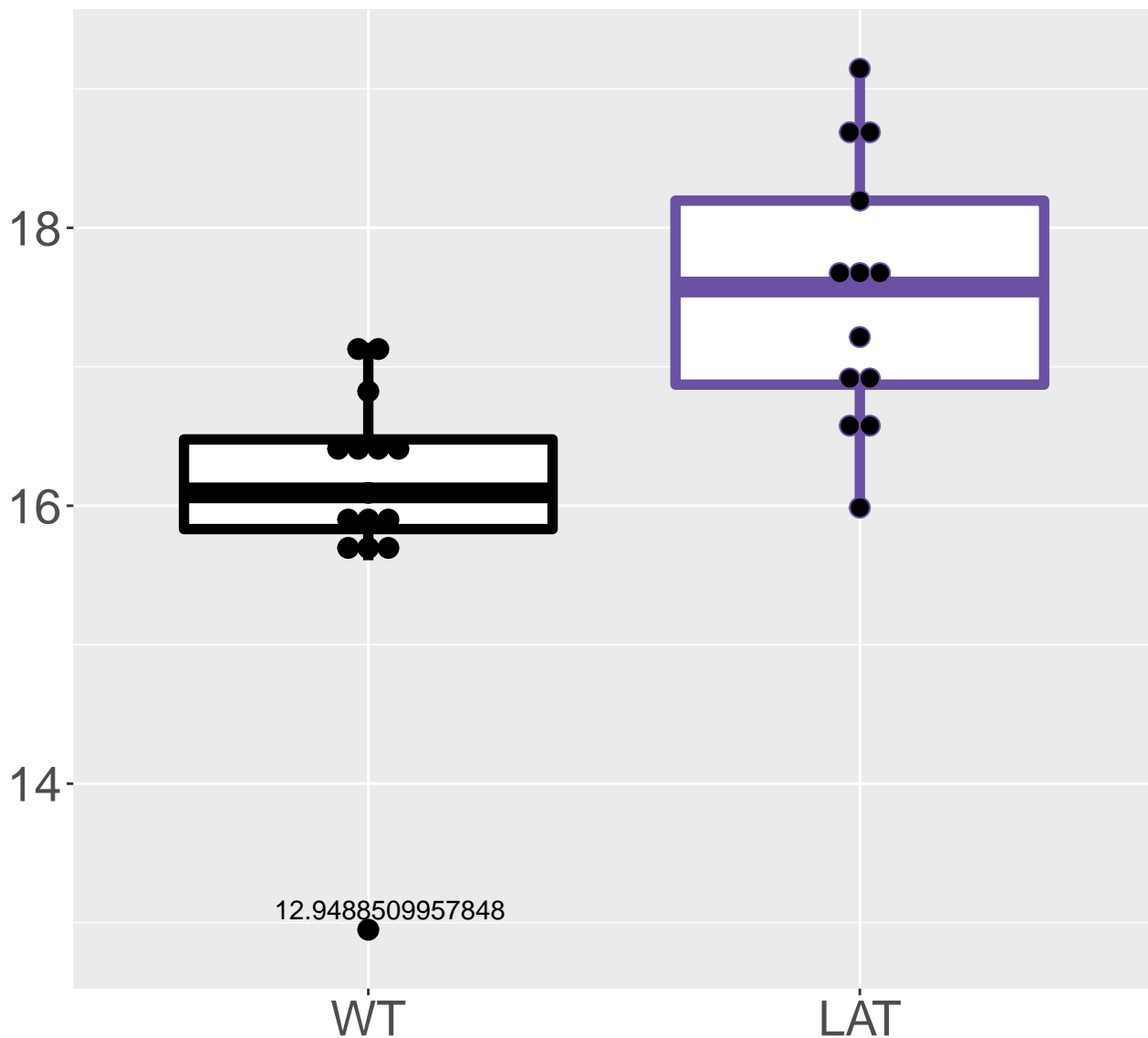


M332.1043T607.45

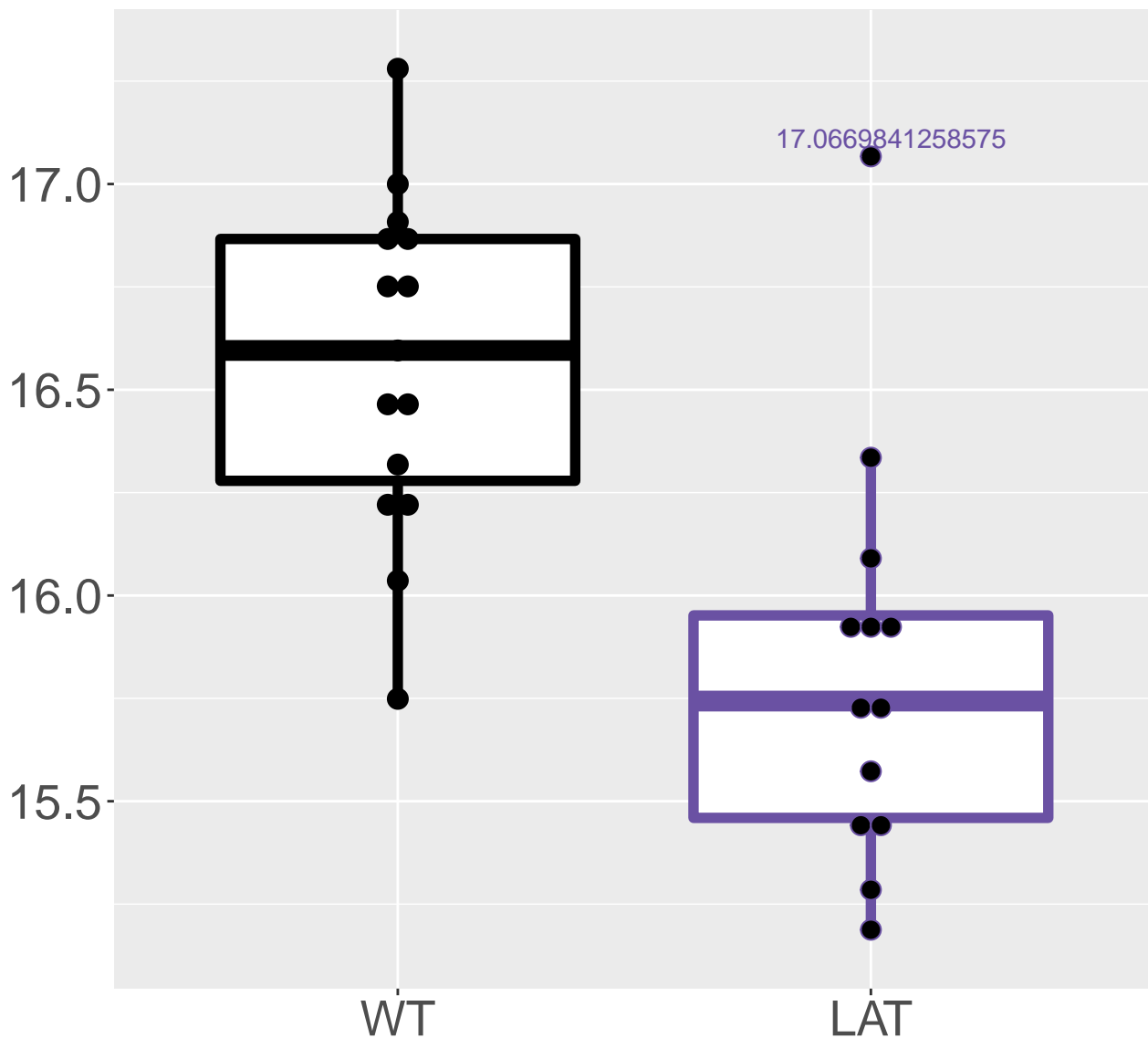
FDR = 0.0019, FC = -0.79



M261.1345T93.3
FDR = 0.0019, FC = 1.5

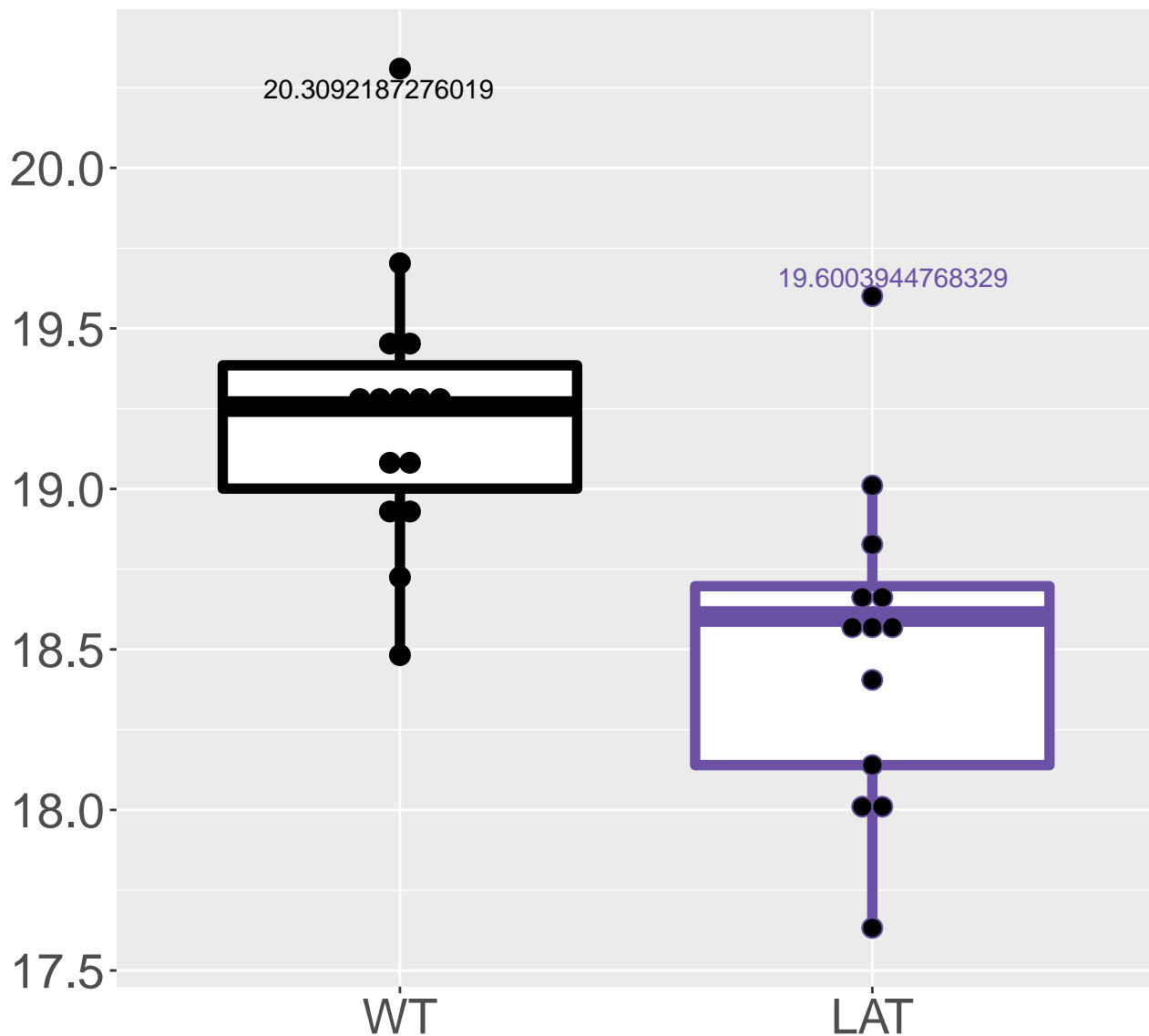


FDR = 0.0019, FC = -0.75



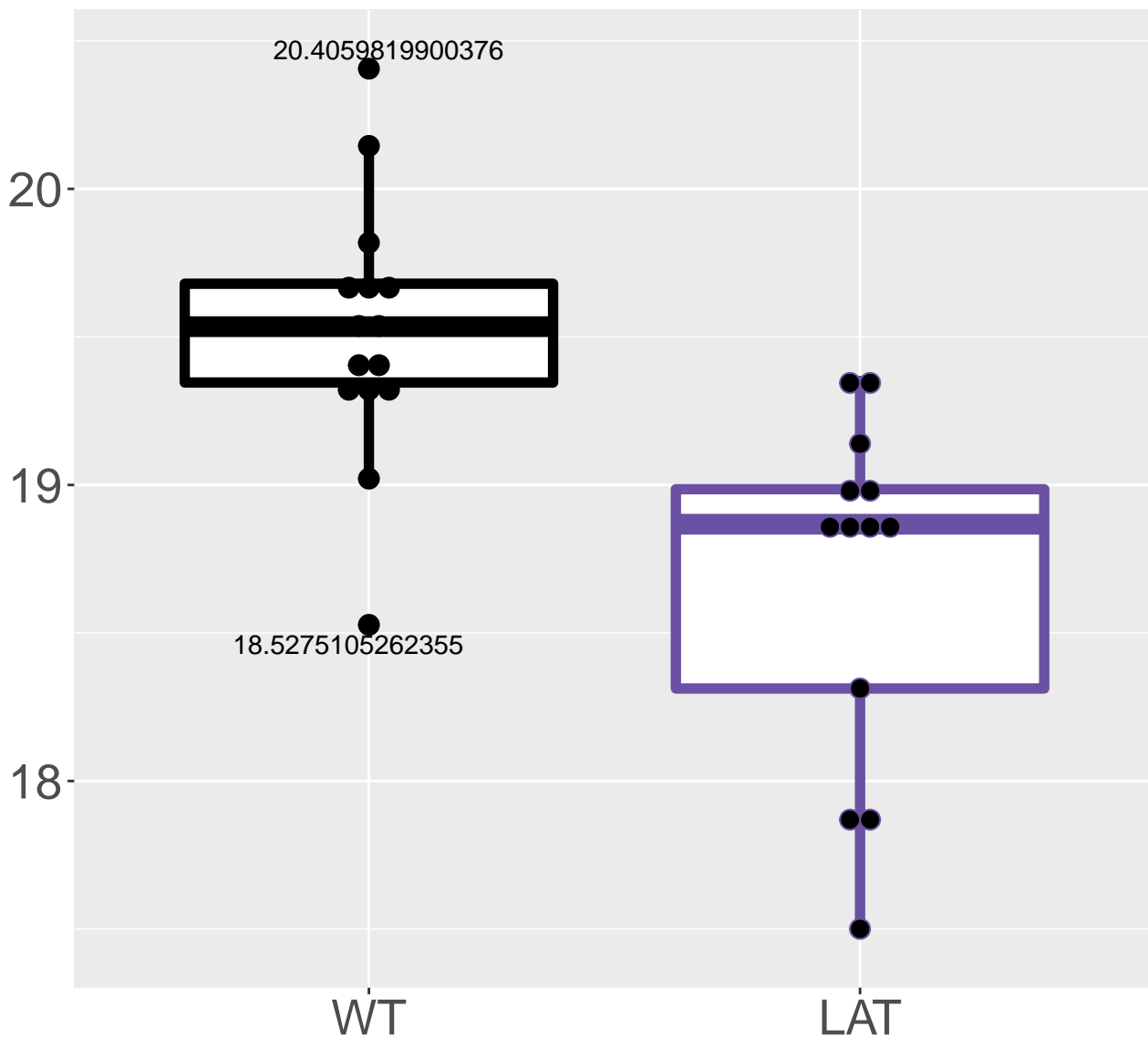
M377.0862T536.45

FDR = 0.0019, FC = -0.72



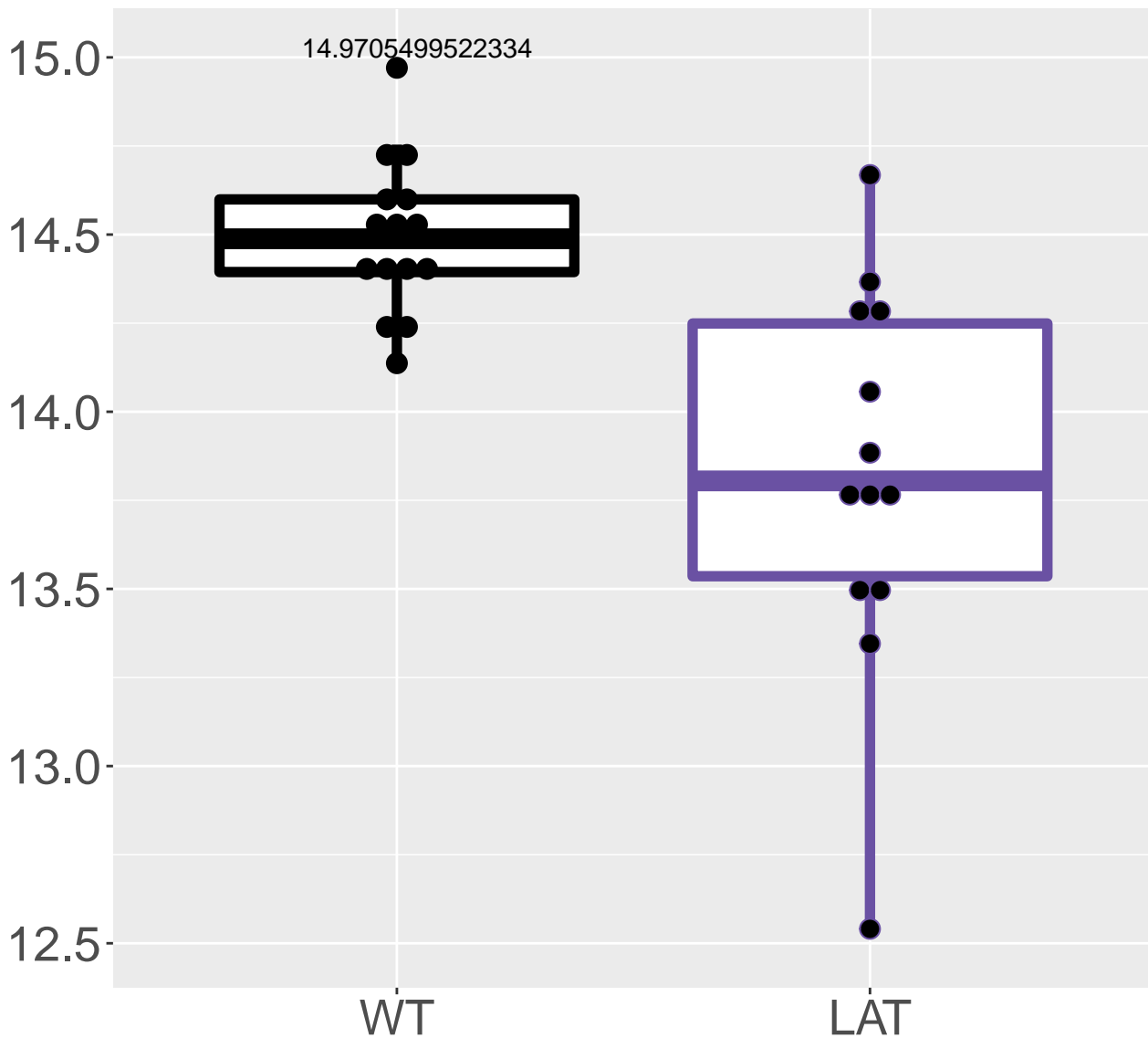
M586.4928T77.55

FDR = 0.002, FC = -0.84



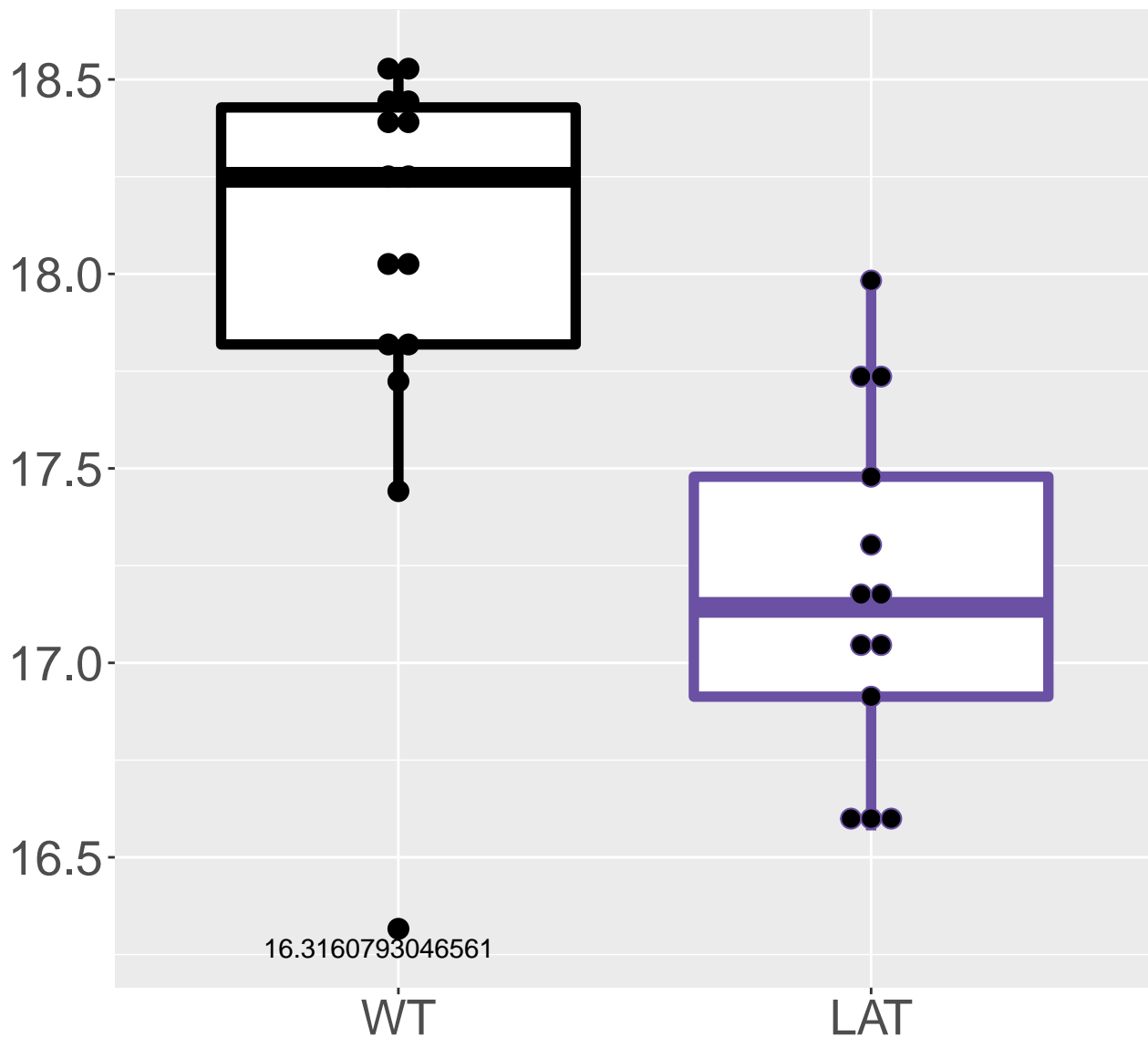
M867.7524T676.98

FDR = 0.002, FC = -0.67

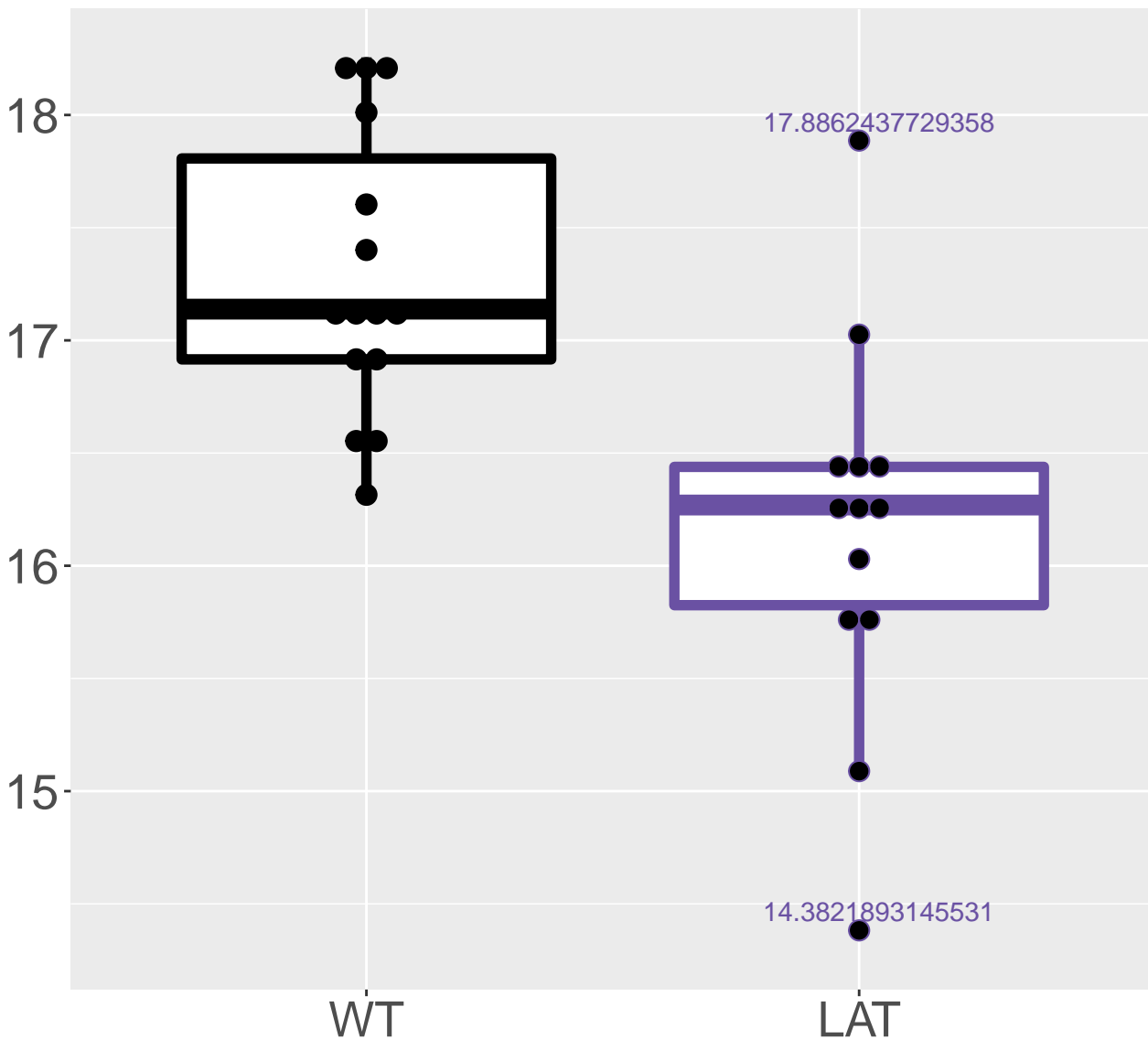


M716.2064T573.59

FDR = 0.002, FC = -0.84

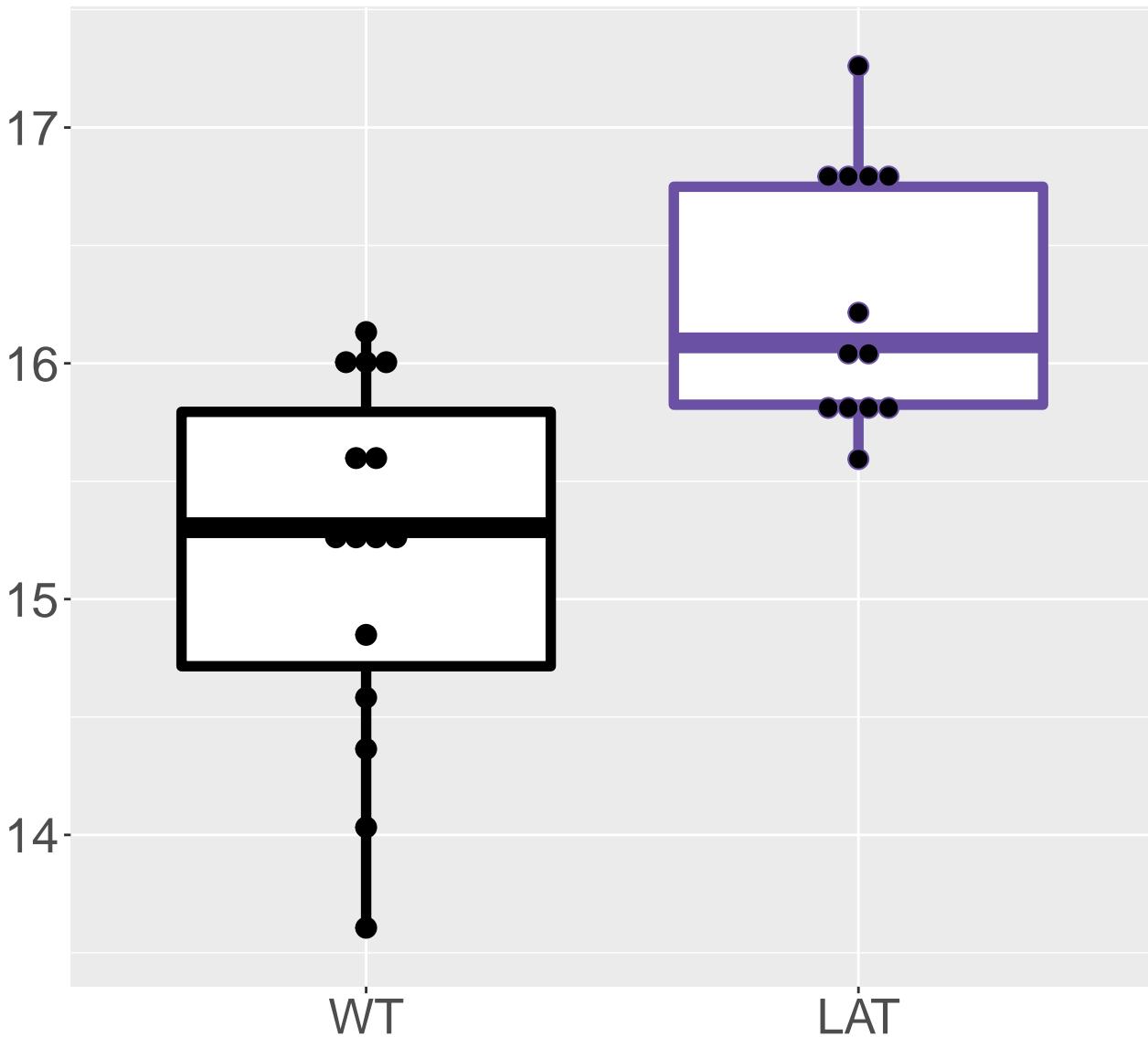


M325.1258T173.01
FDR = 0.002, FC = -1.1



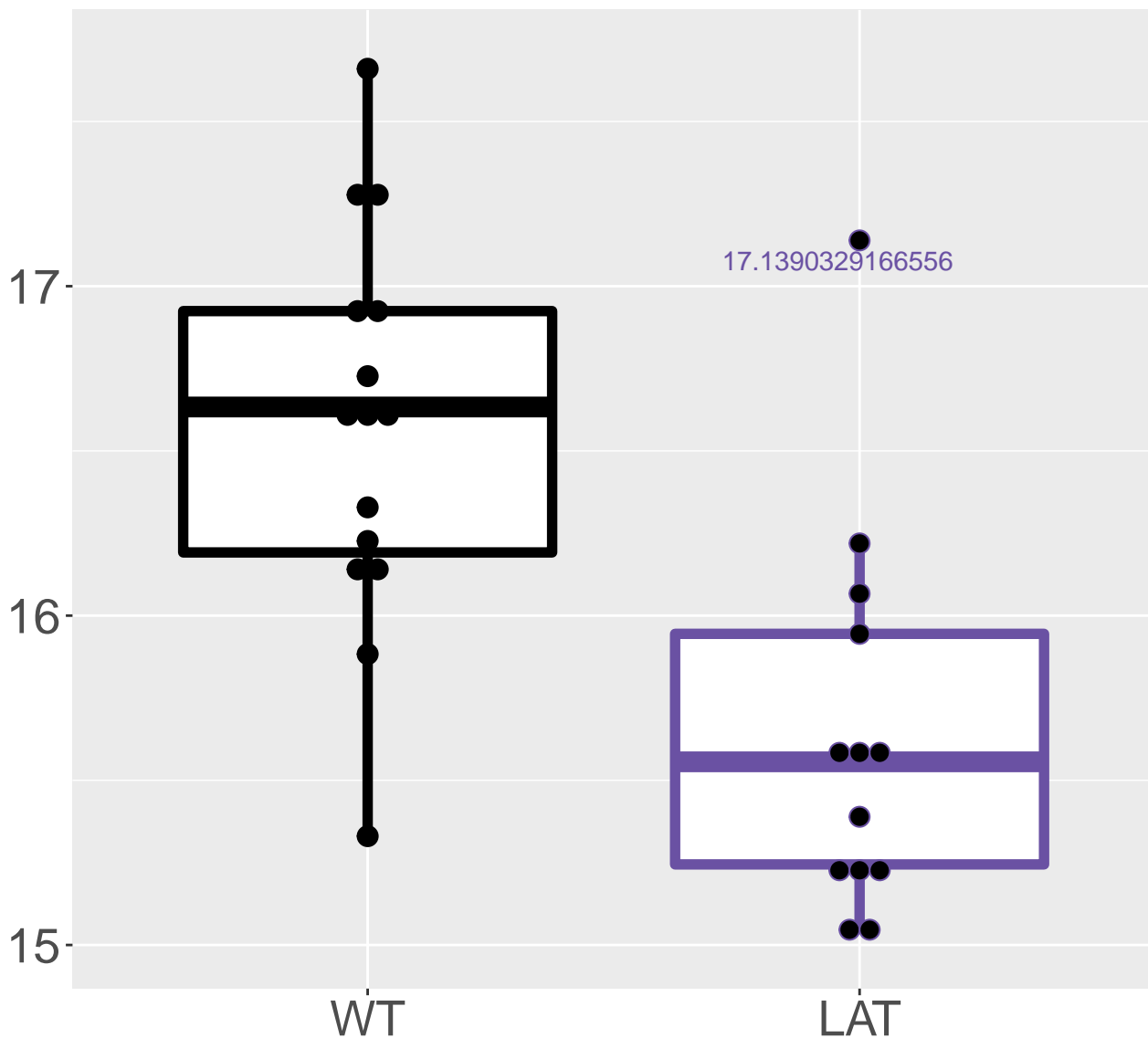
M372.9853T598.64

FDR = 0.0021, FC = 1.1

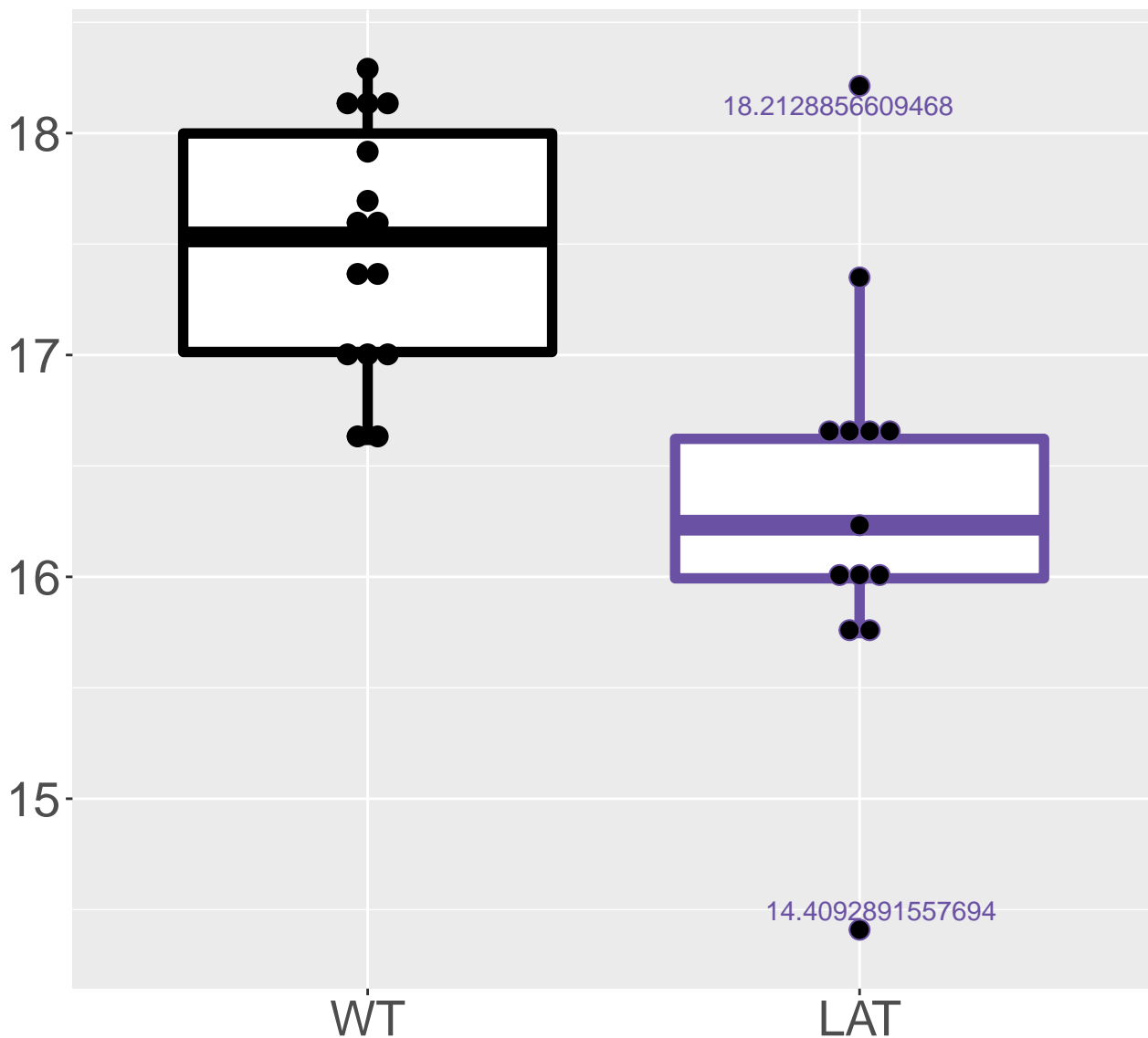


M606.1939T649.65_2

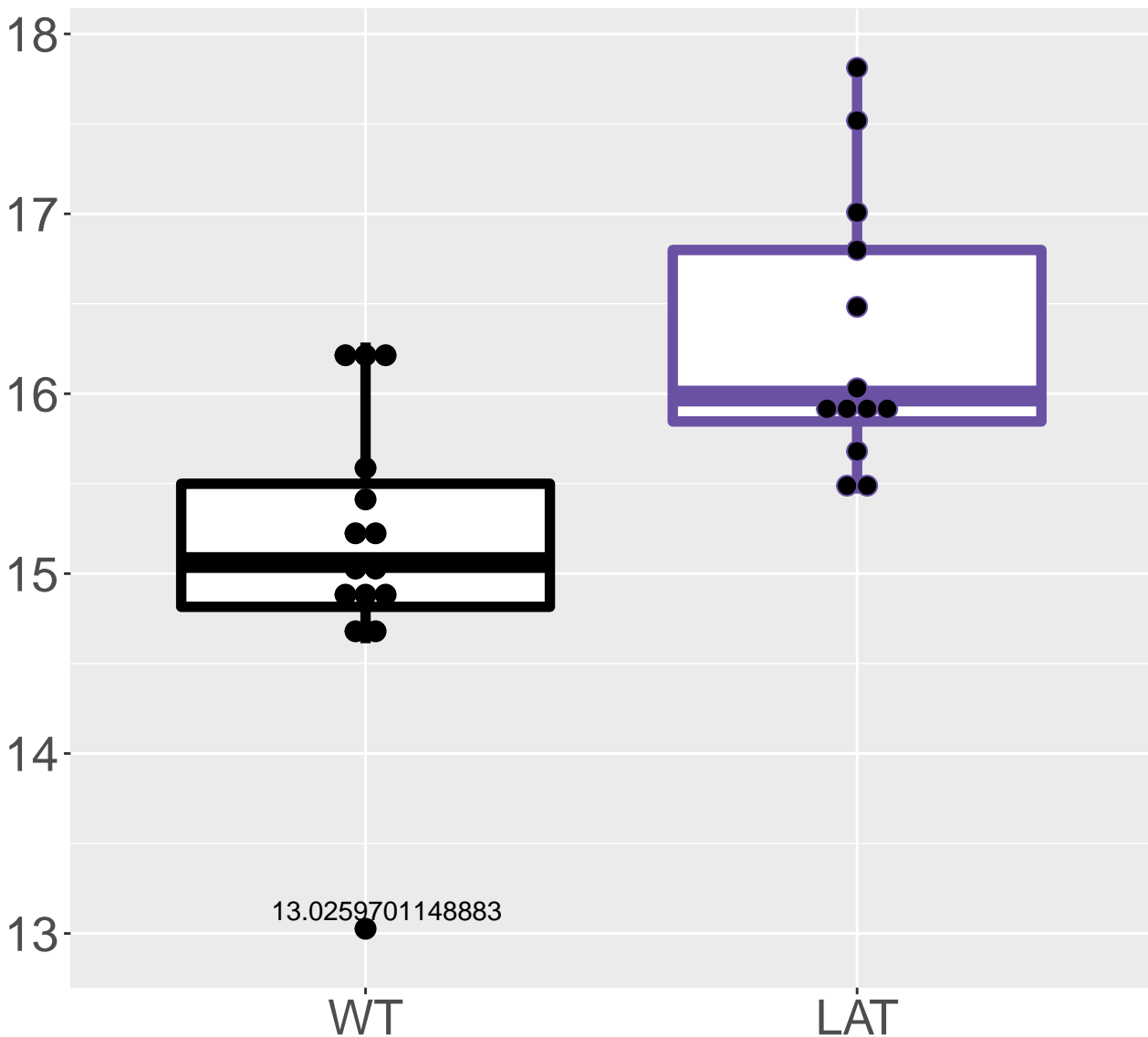
FDR = 0.0021, FC = -0.94



M362.6125T606.77_1
FDR = 0.0021, FC = -1.2

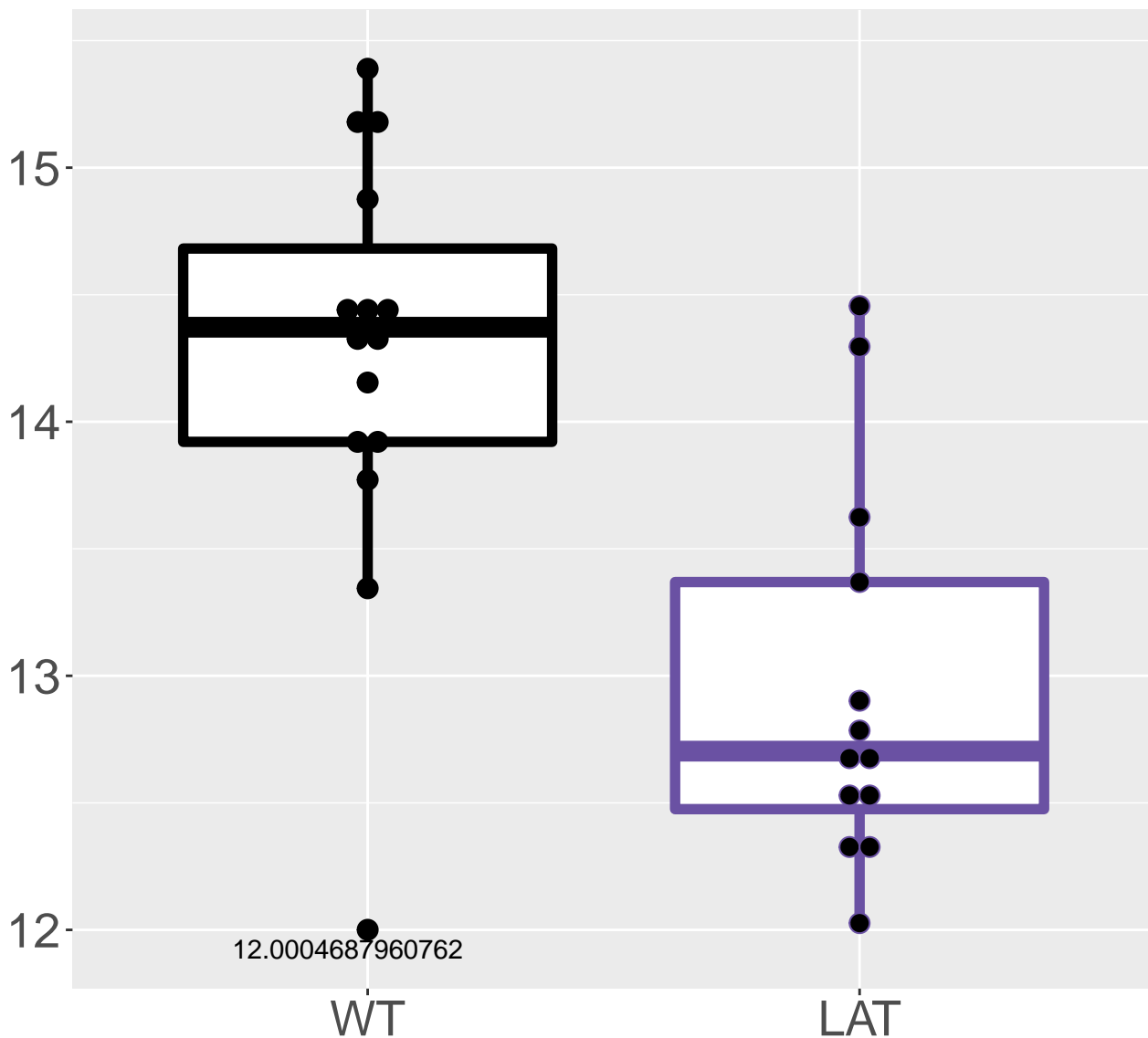


M185.082T95.91
FDR = 0.0021, FC = 1.2



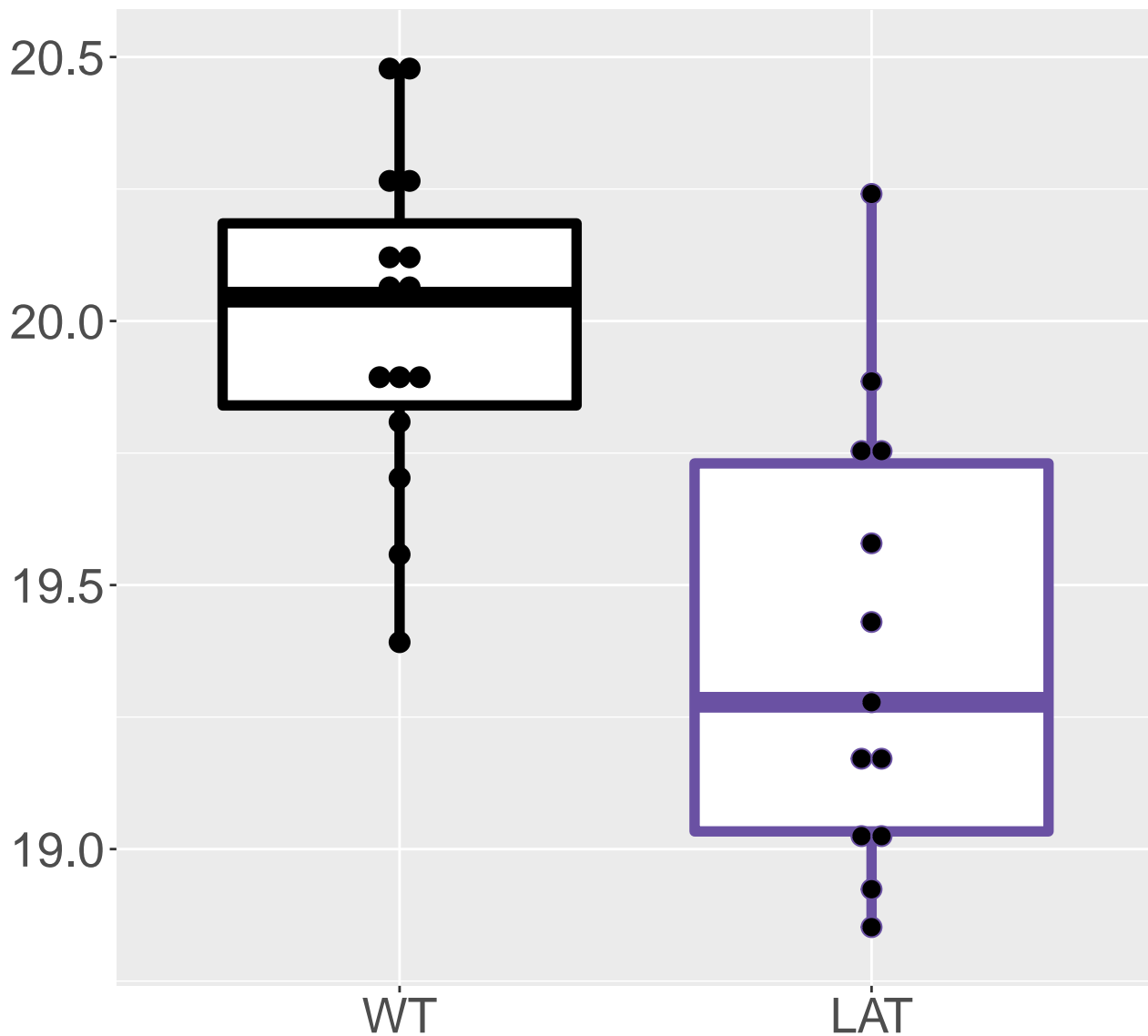
M383.6221T626.55

FDR = 0.0021, FC = -1.3

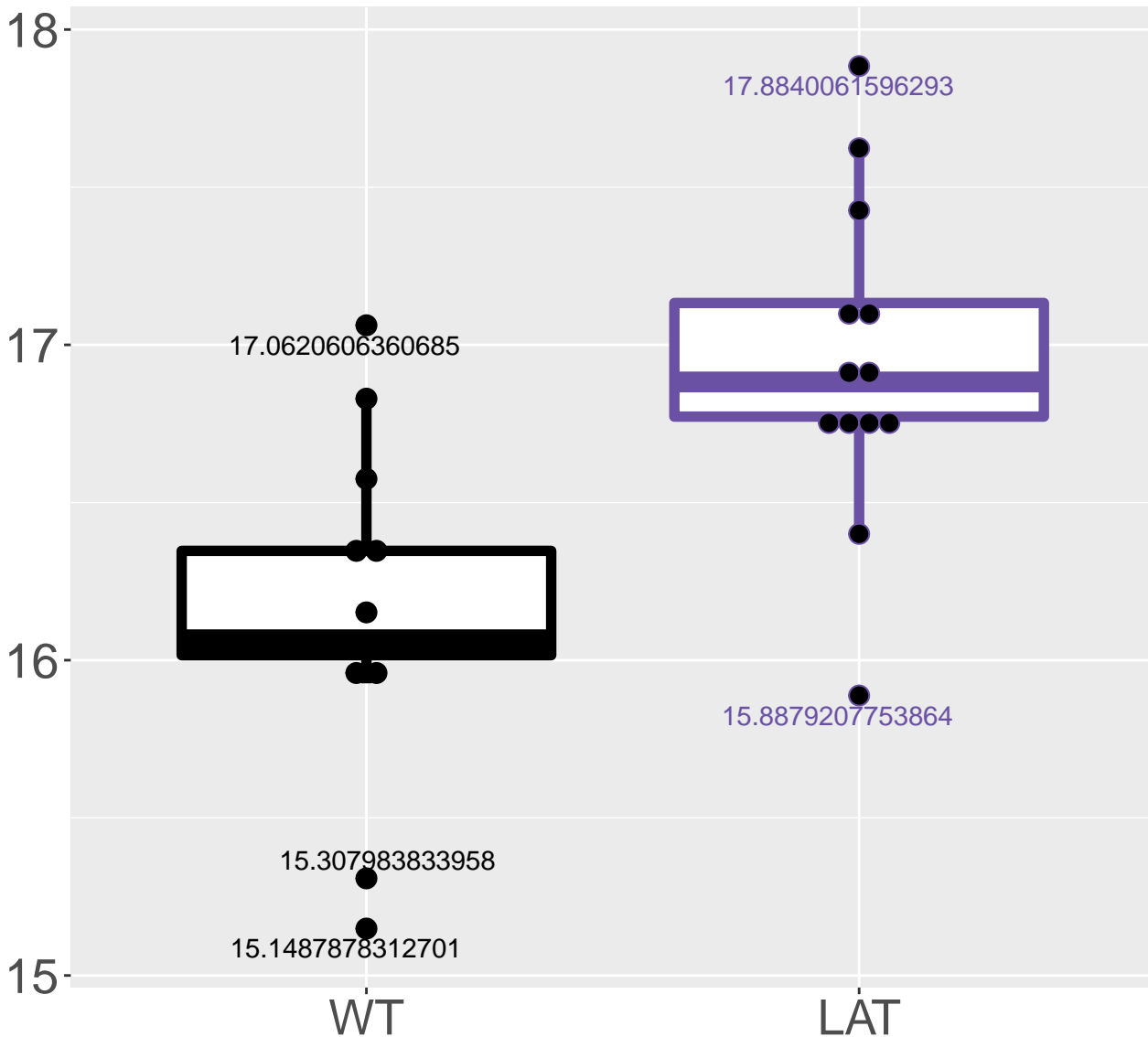


M971.7916T603.03_1

FDR = 0.0021, FC = -0.61

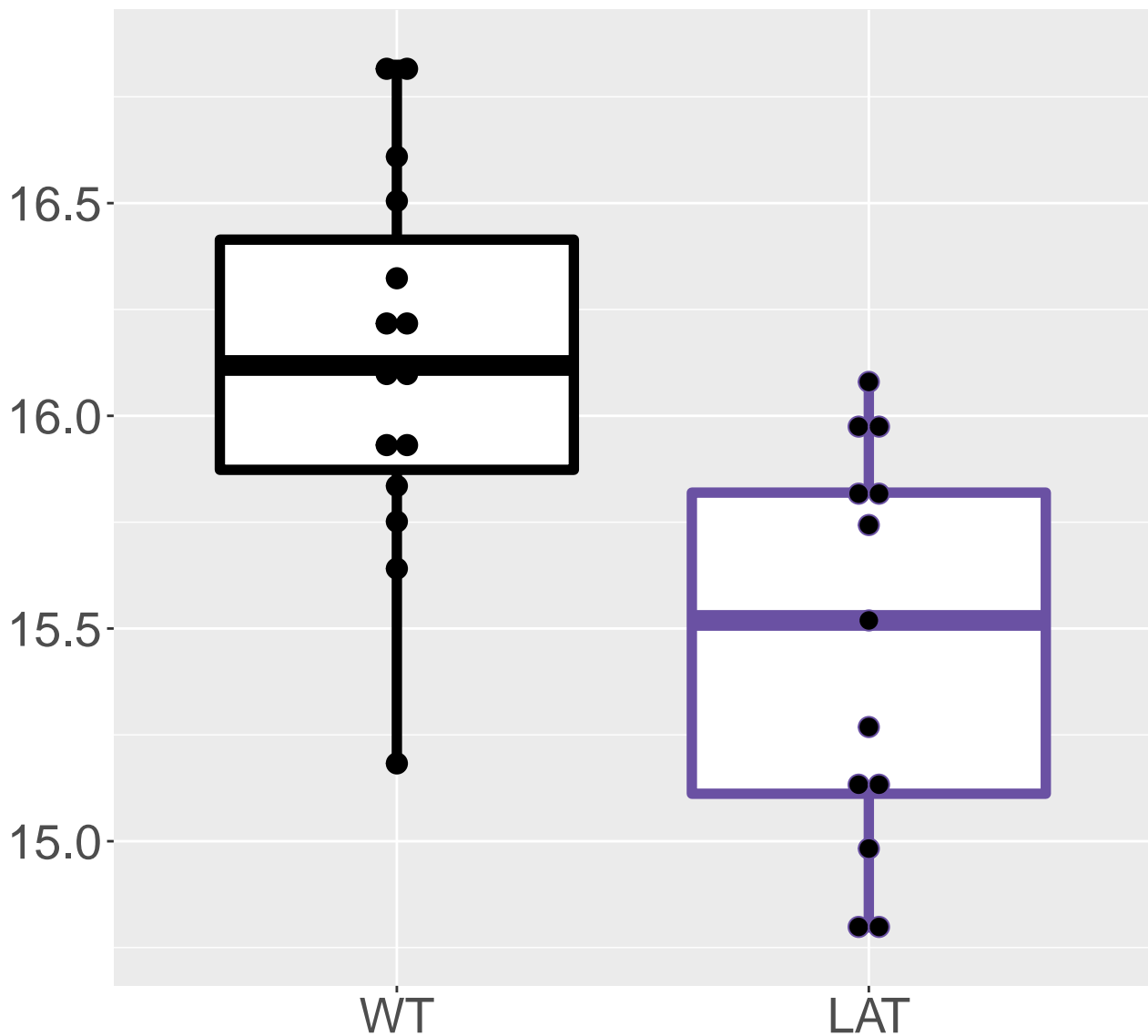


M225.0078T651.1
FDR = 0.0021, FC = 0.82



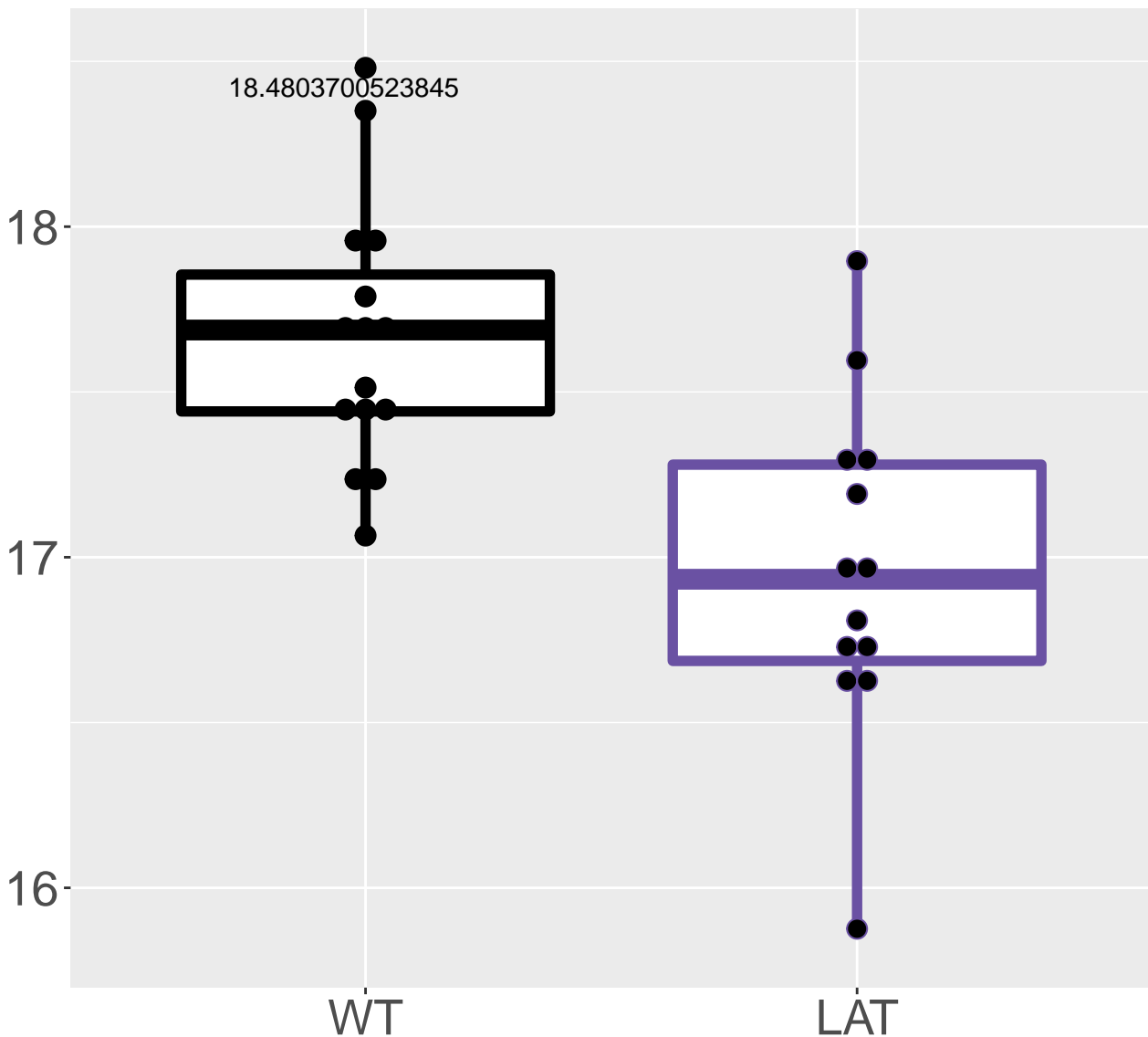
M324.1022T536.89

FDR = 0.0022, FC = -0.67



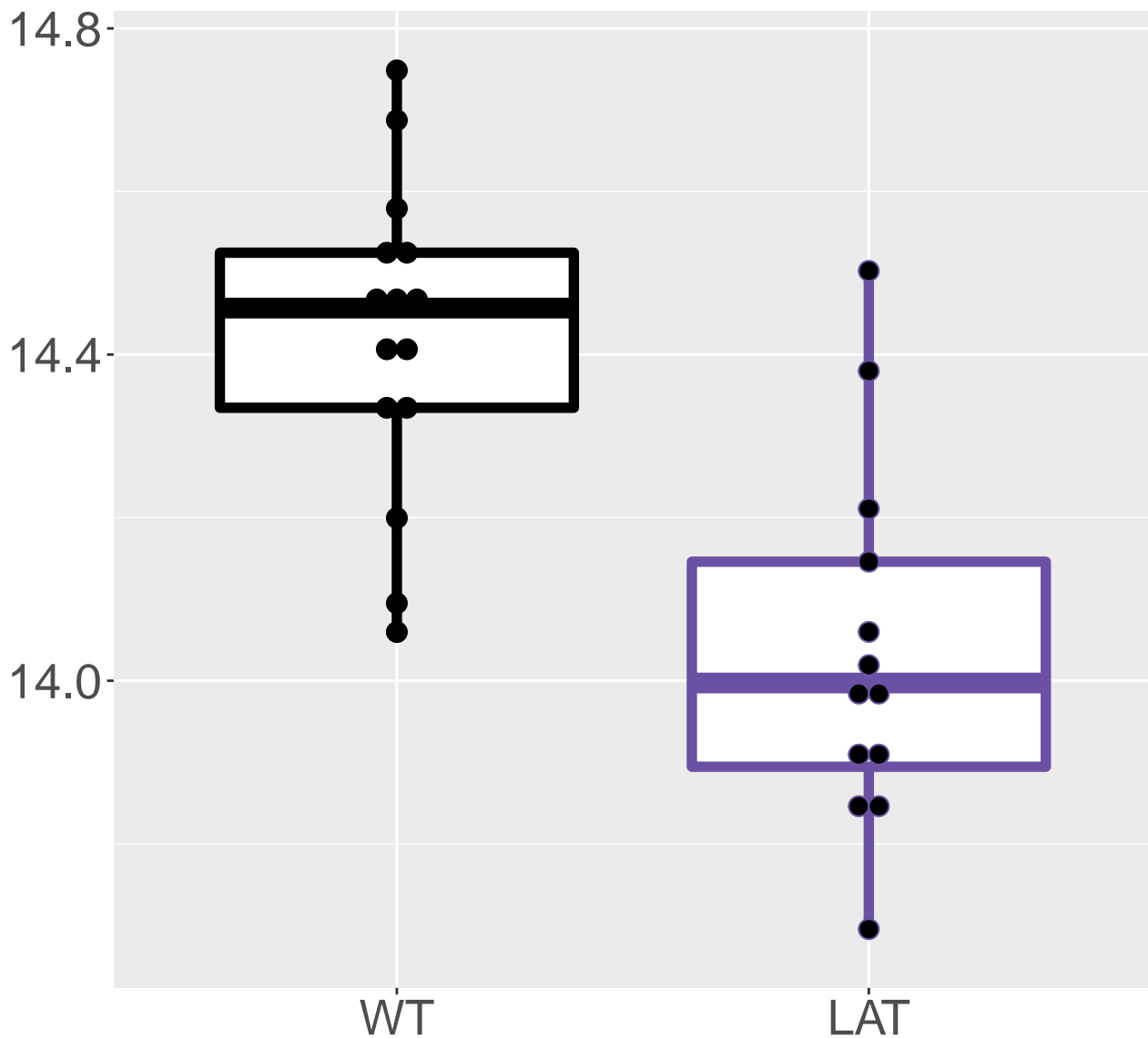
M539.0679T546.18

FDR = 0.0022, FC = -0.7



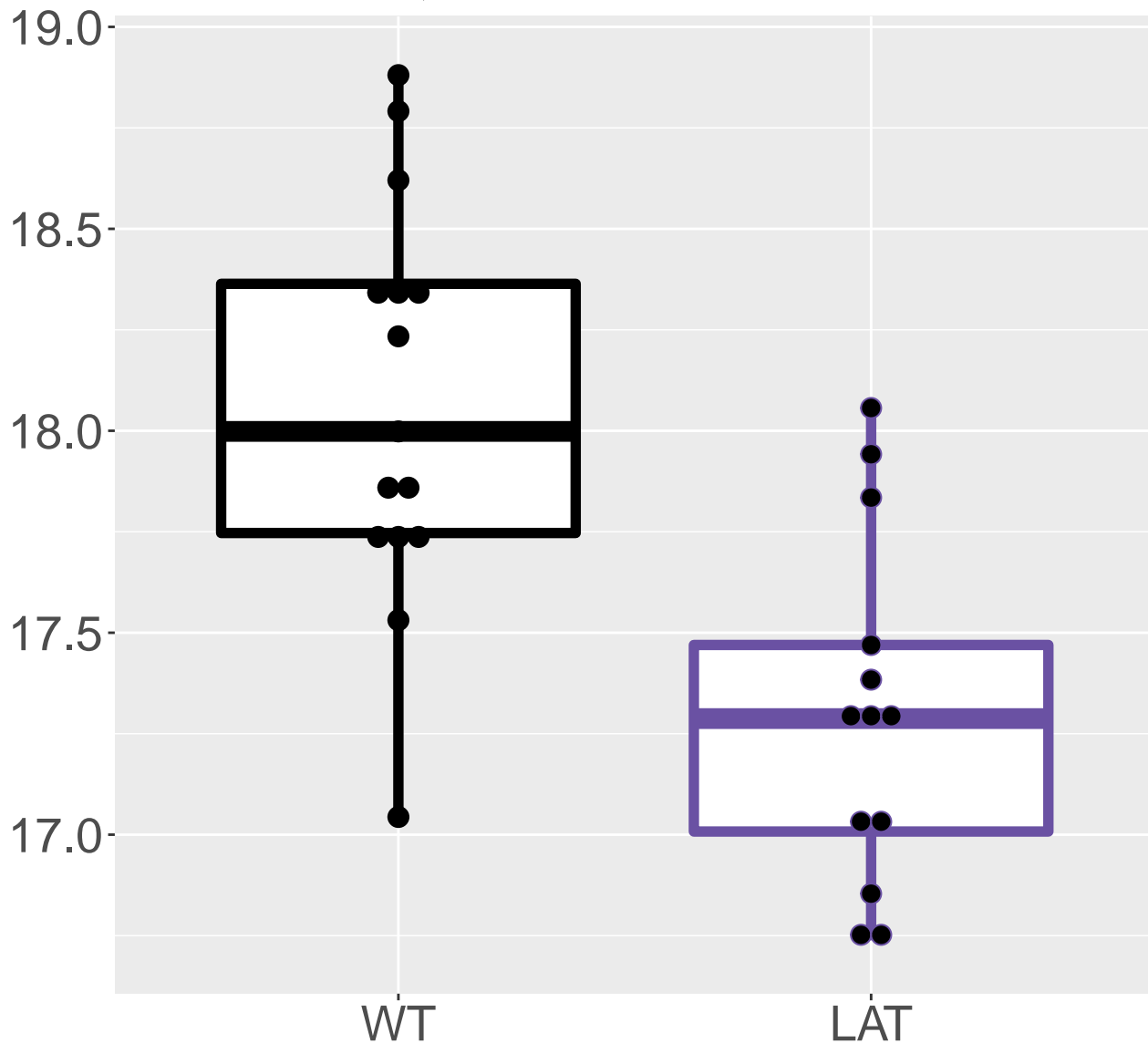
M786.7262T668.86

FDR = 0.0022, FC = -0.38

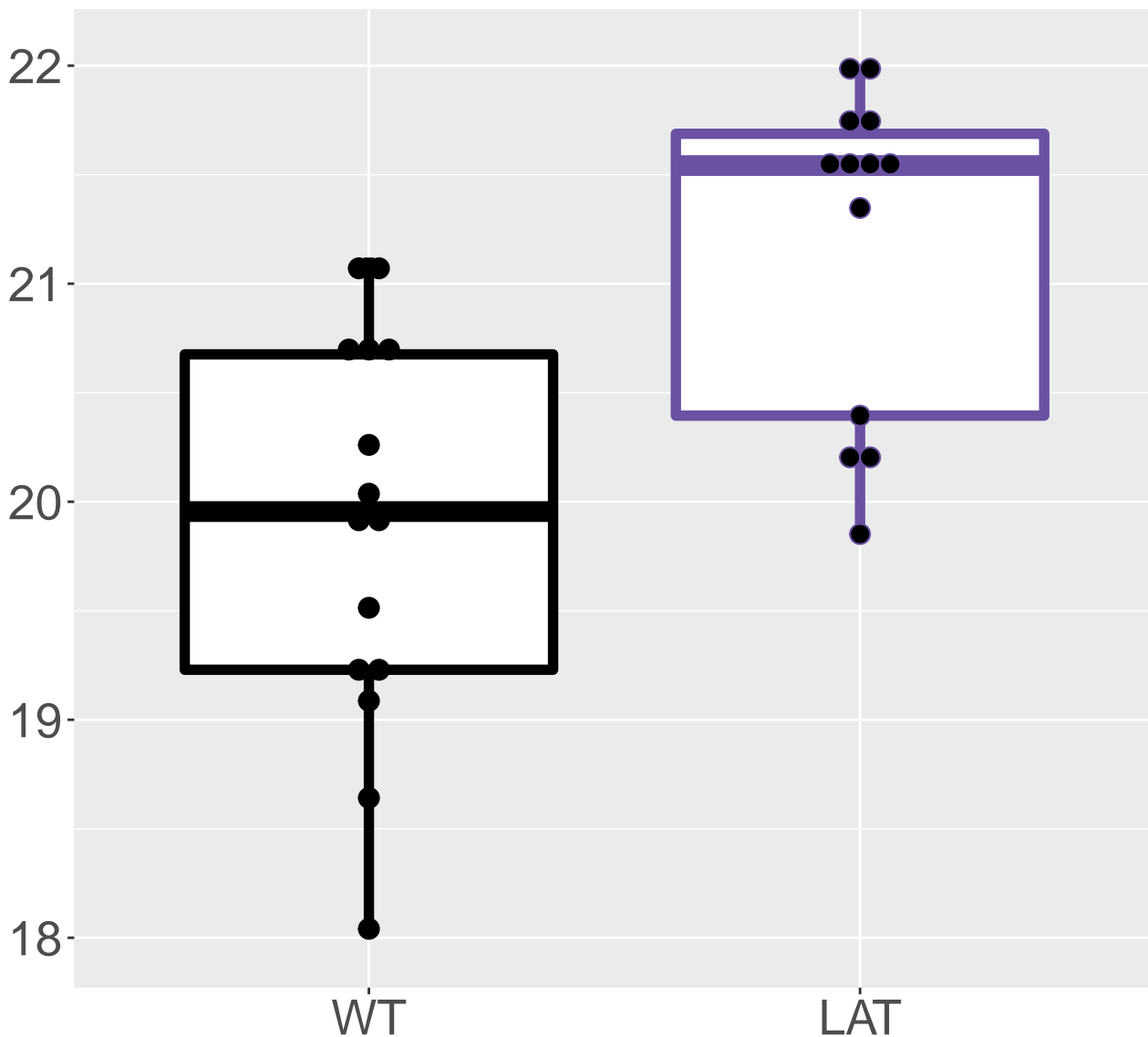


M309.1321T429.93

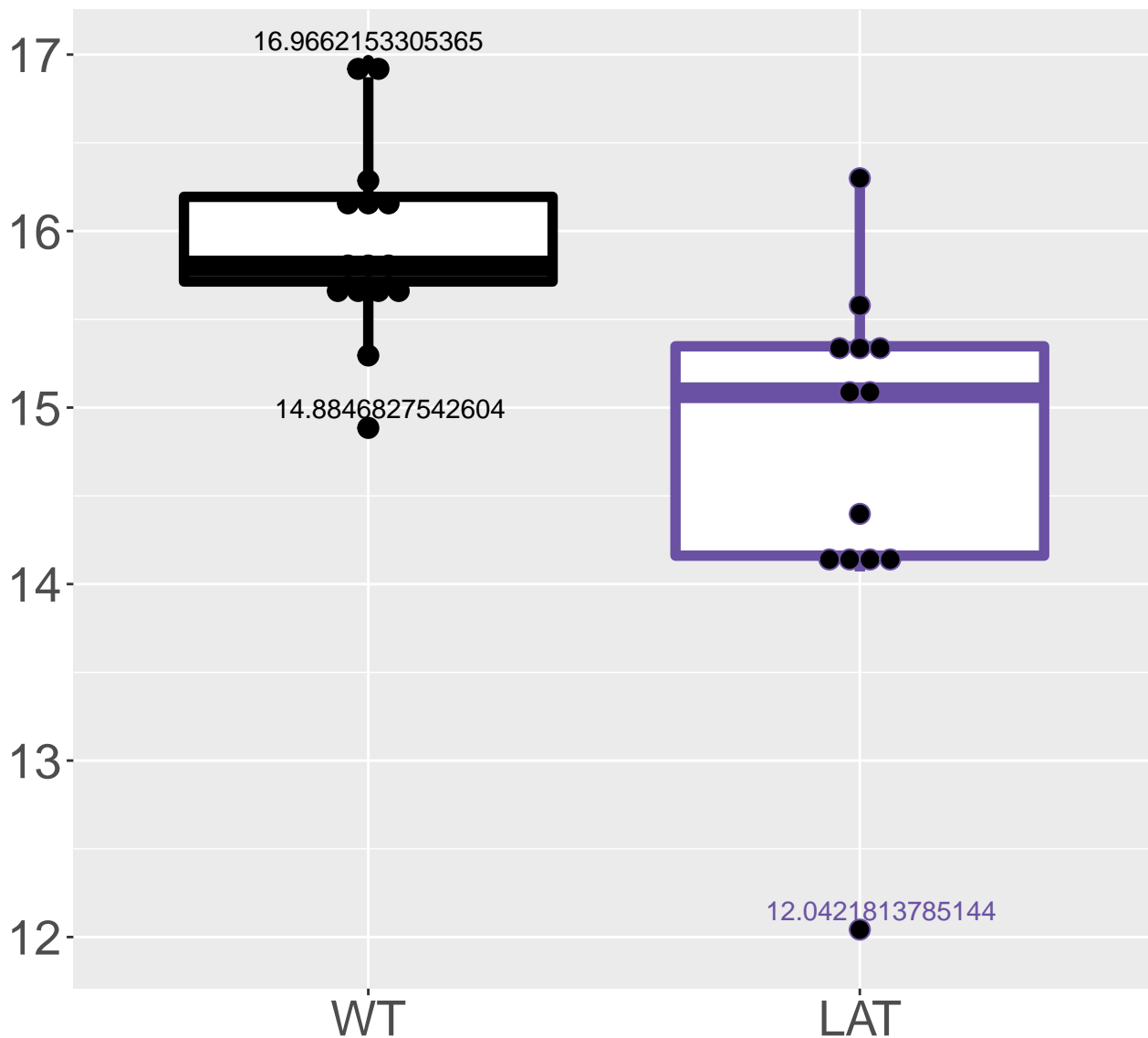
FDR = 0.0022, FC = -0.76



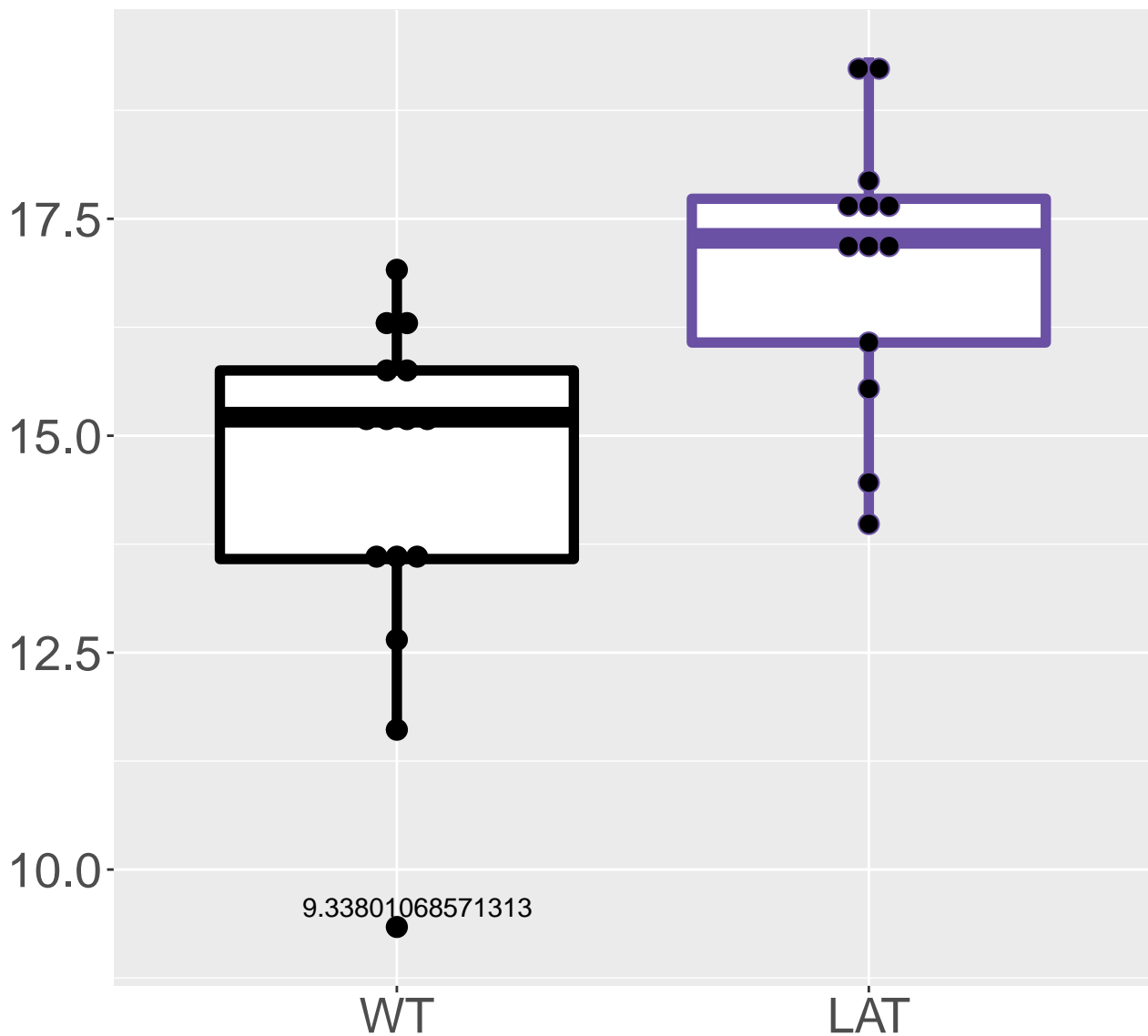
M535.0852T589.51
FDR = 0.0023, FC = 1.3



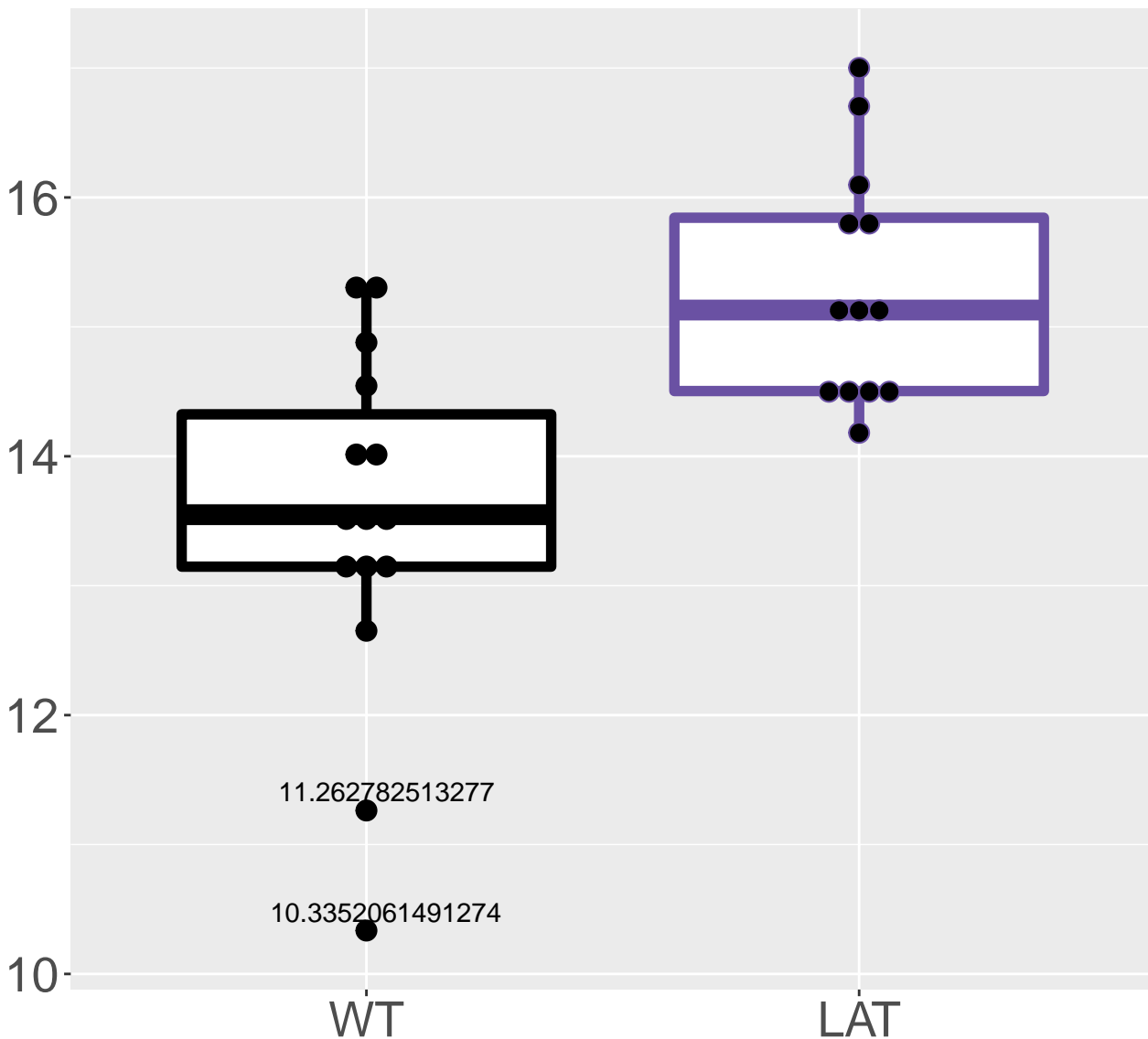
FDR = 0.0023, FC = -1.2



M169.0201T396.11
FDR = 0.0023, FC = 2.6

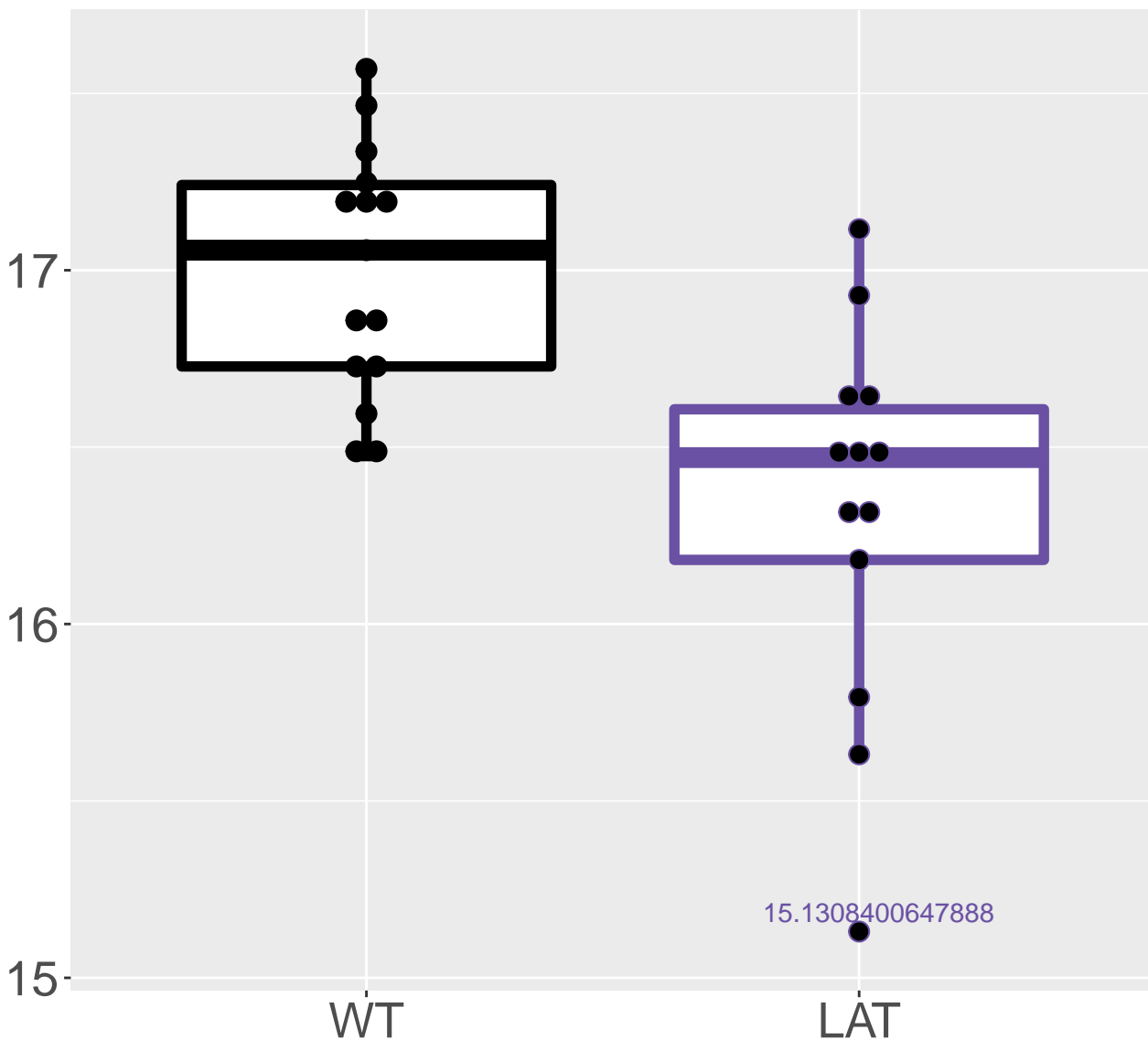


M205.1083T92.49_2
FDR = 0.0024, FC = 1.8

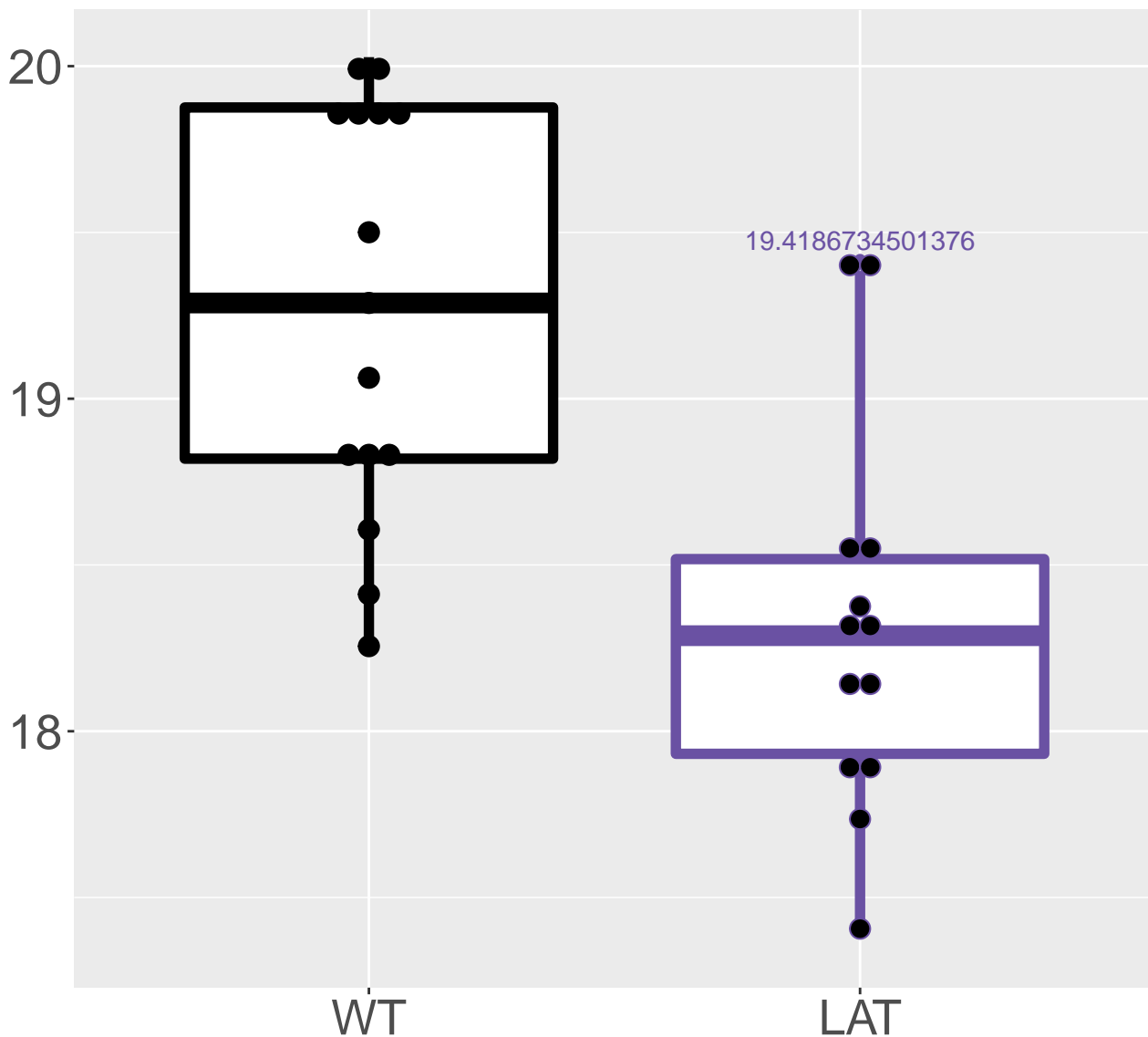


M260.0599T173.79

FDR = 0.0024, FC = -0.68

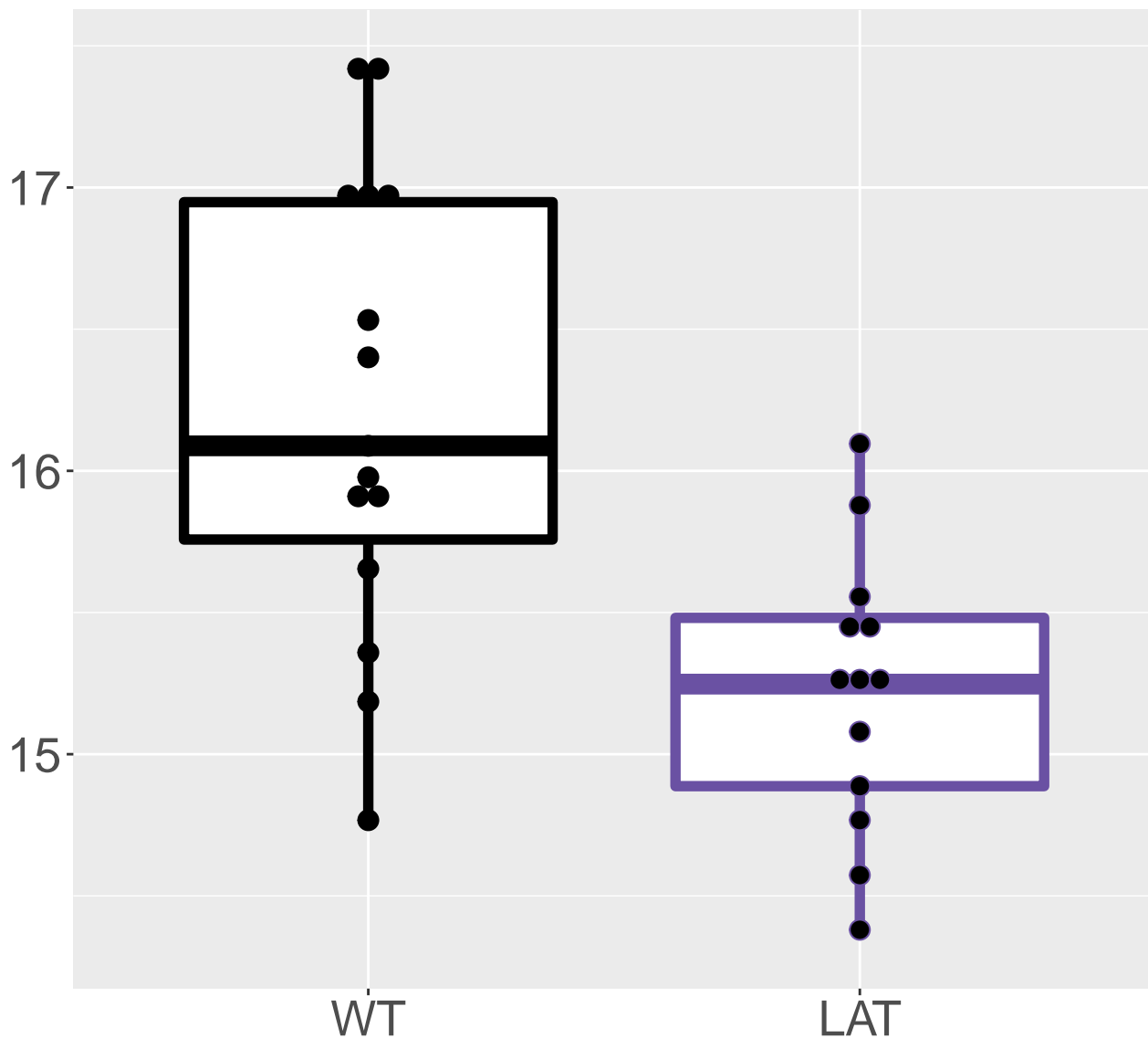


M304.5798T573.58_1
FDR = 0.0024, FC = -0.95



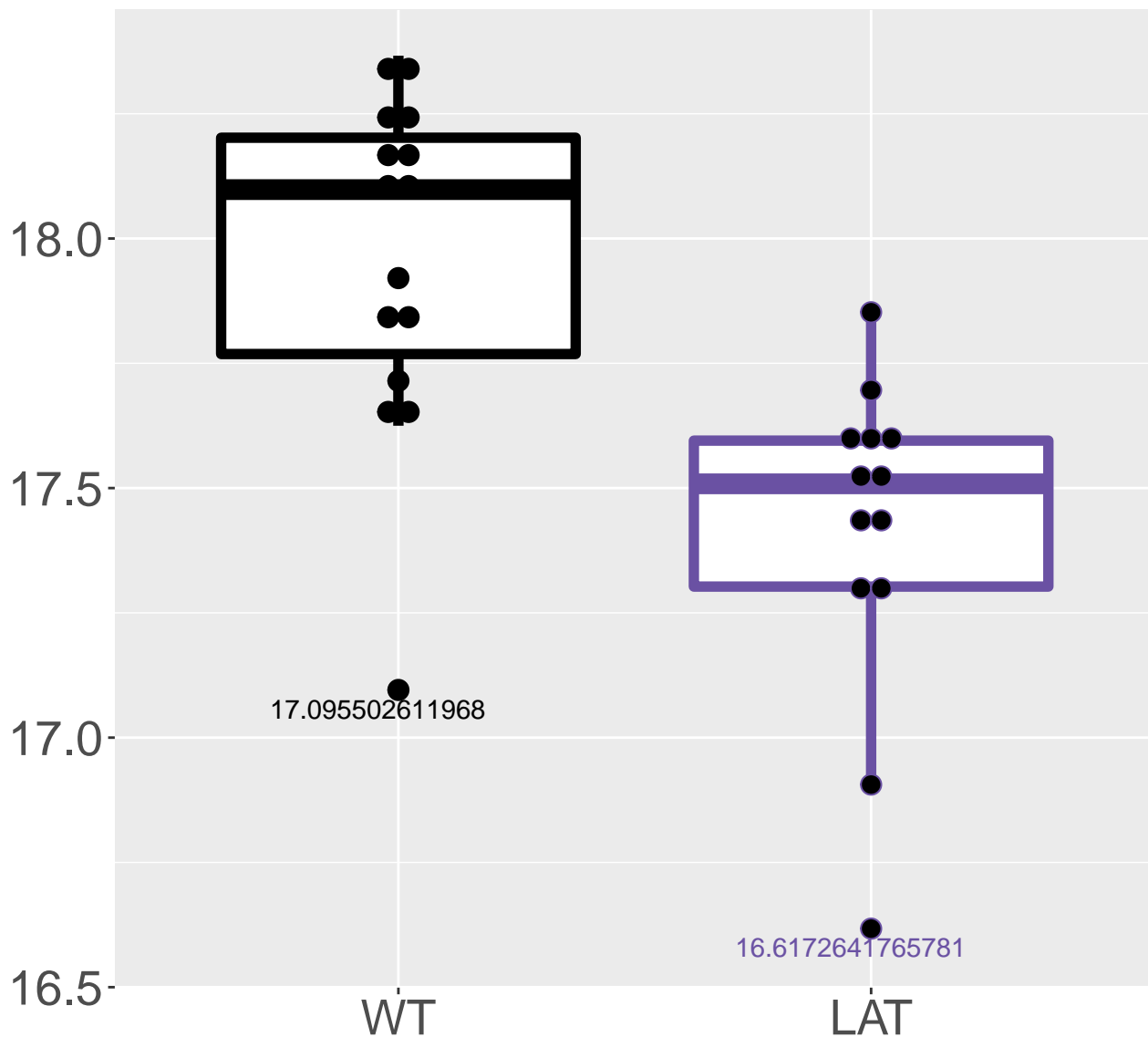
M437.071T546.12

FDR = 0.0024, FC = -1



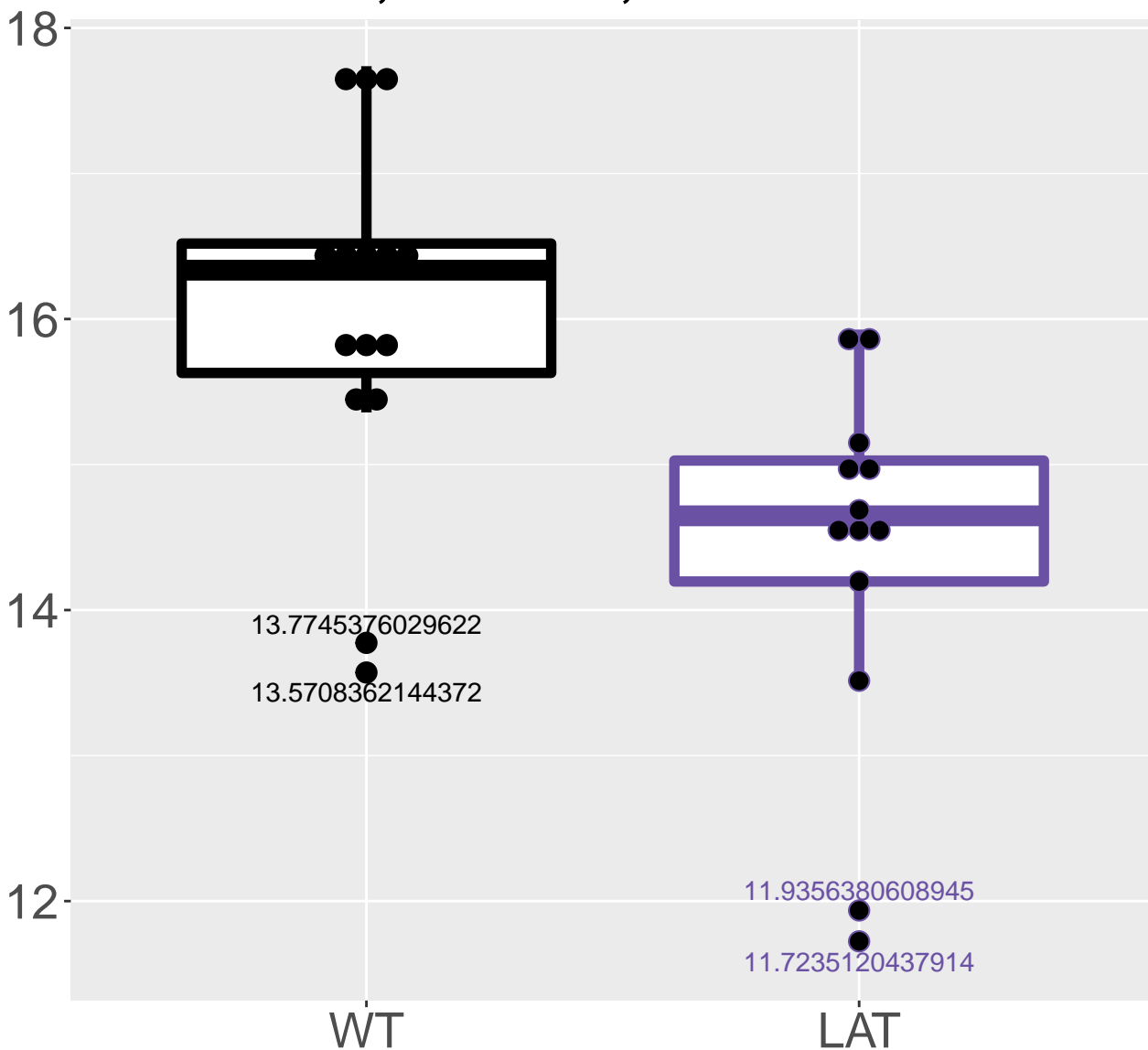
M166.0775T174.35

FDR = 0.0025, FC = -0.55

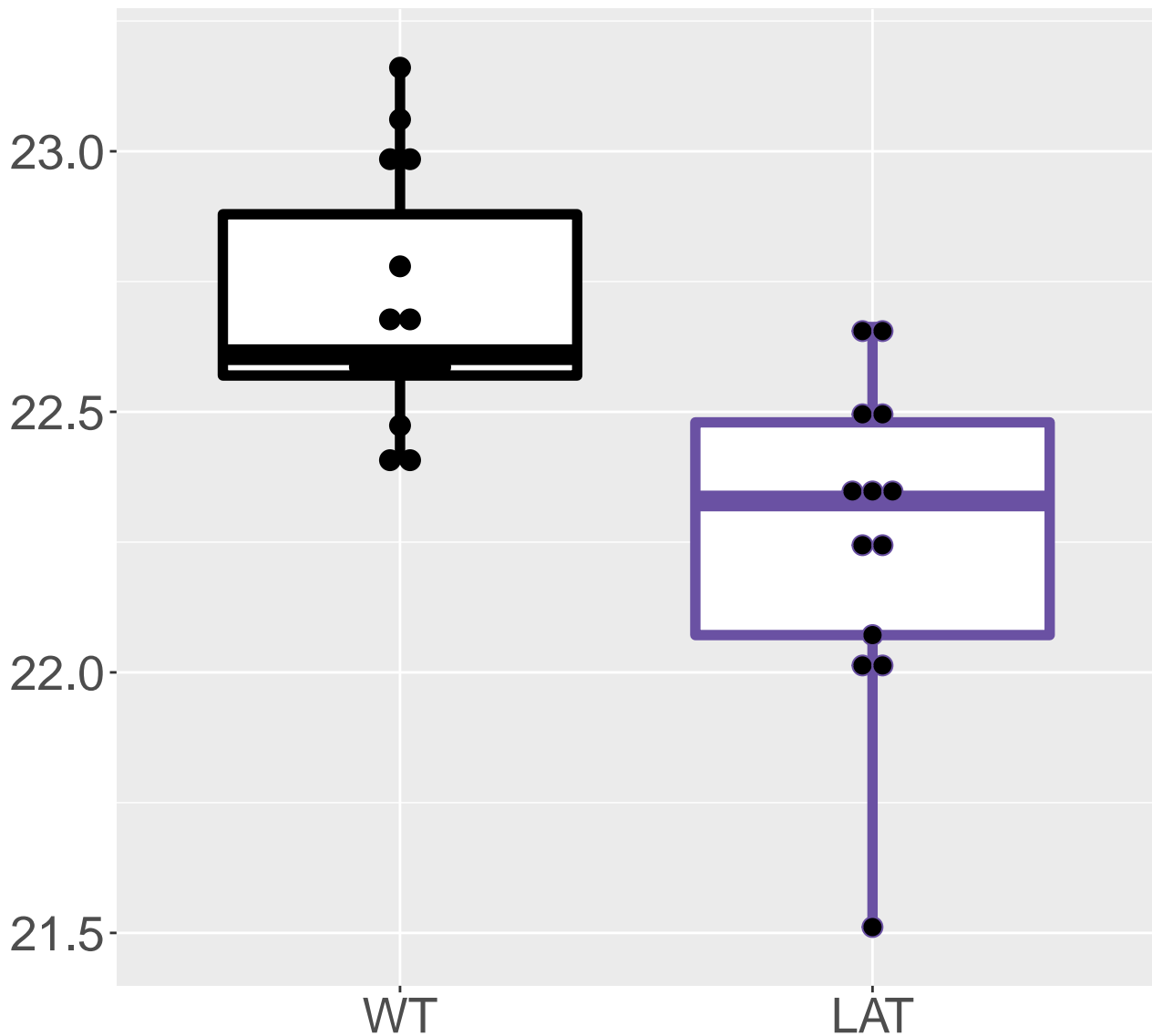


M293.0551T170.43

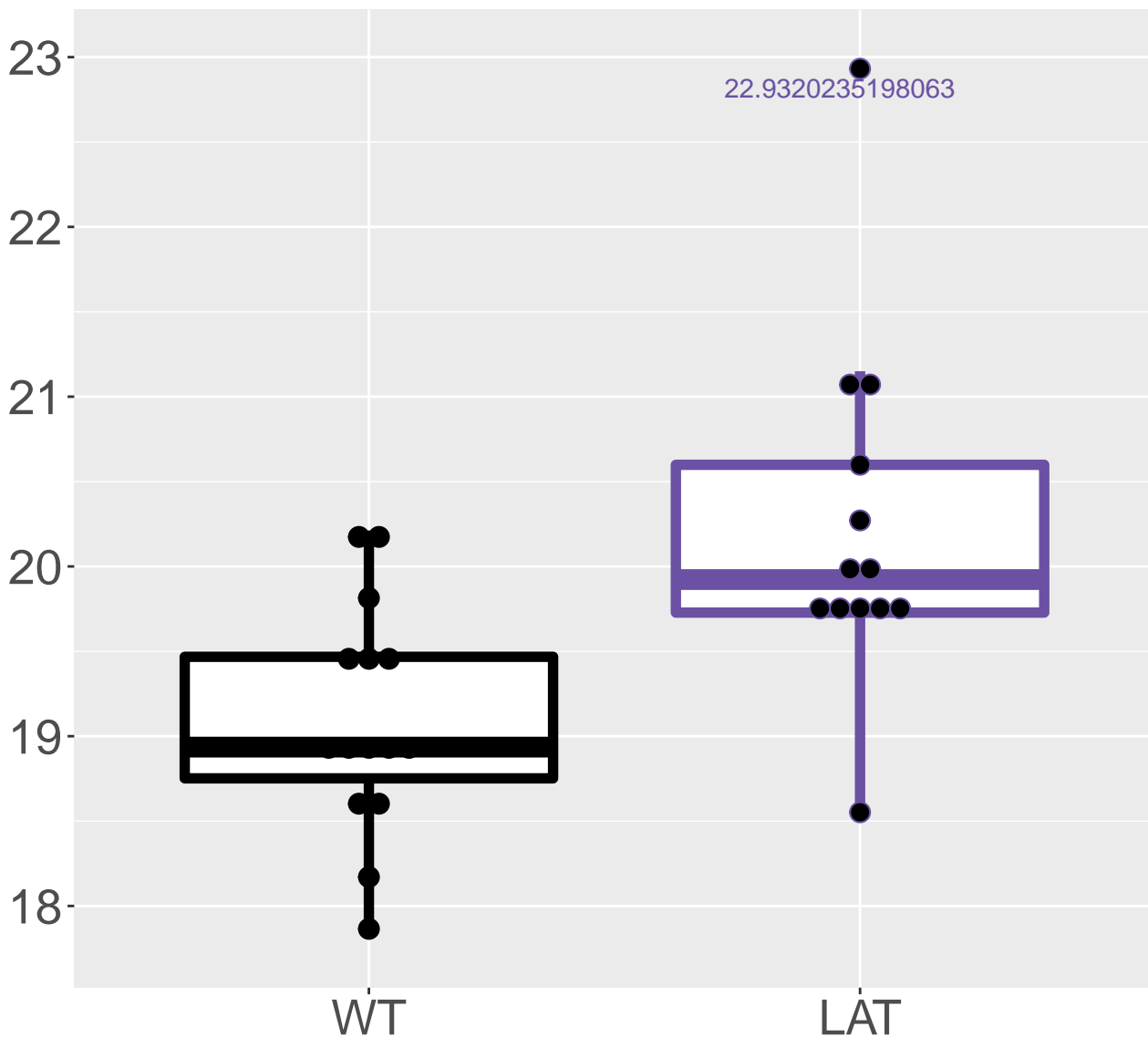
FDR = 0.0026, FC = -1.7, sex*



L-(-)-Arabitol;L-Arabitol;L-Arabinitol|Adonitol
FDR = 0.0026, FC = -0.44

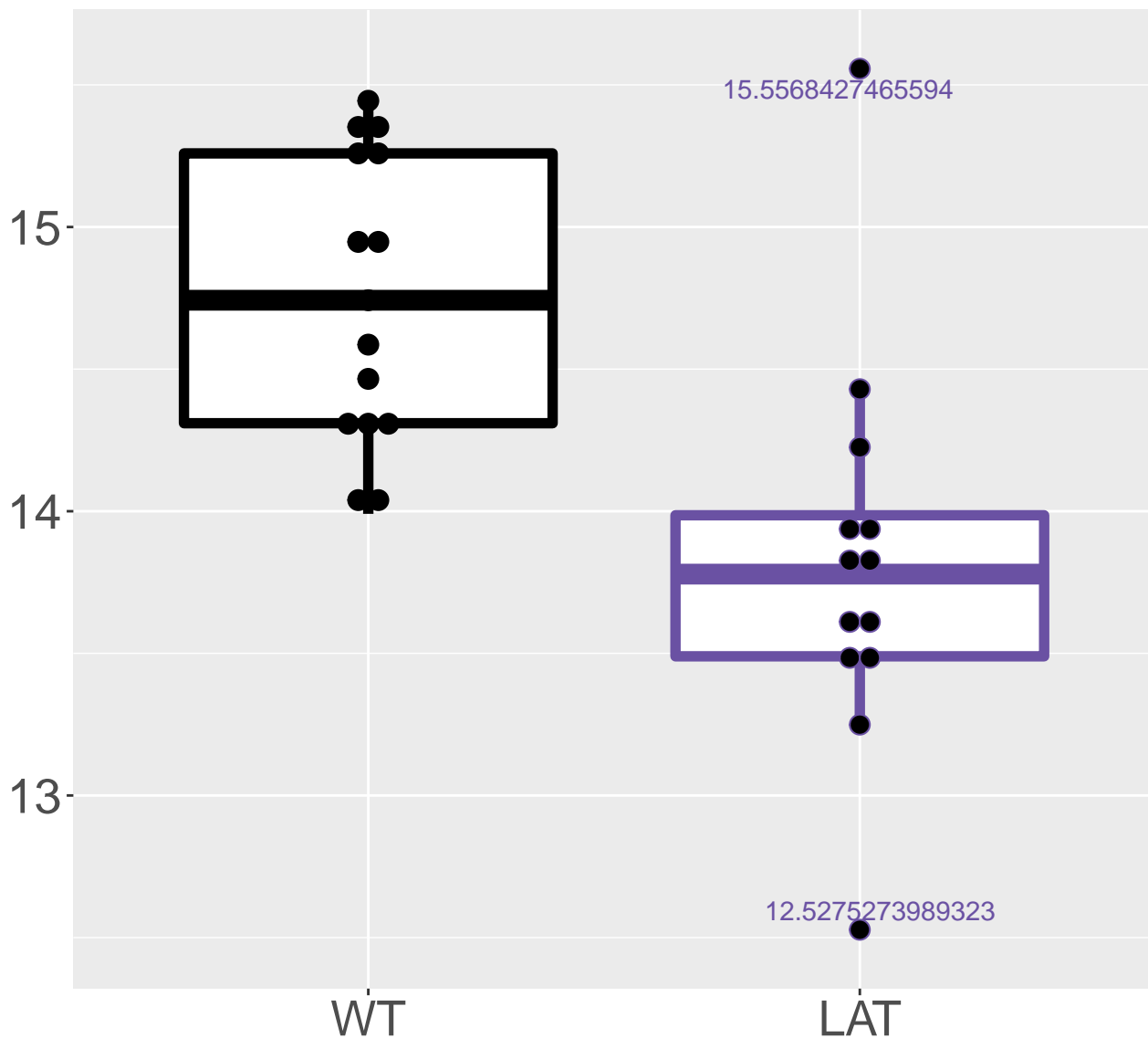


M513.2729T86.2
FDR = 0.0026, FC = 1.2



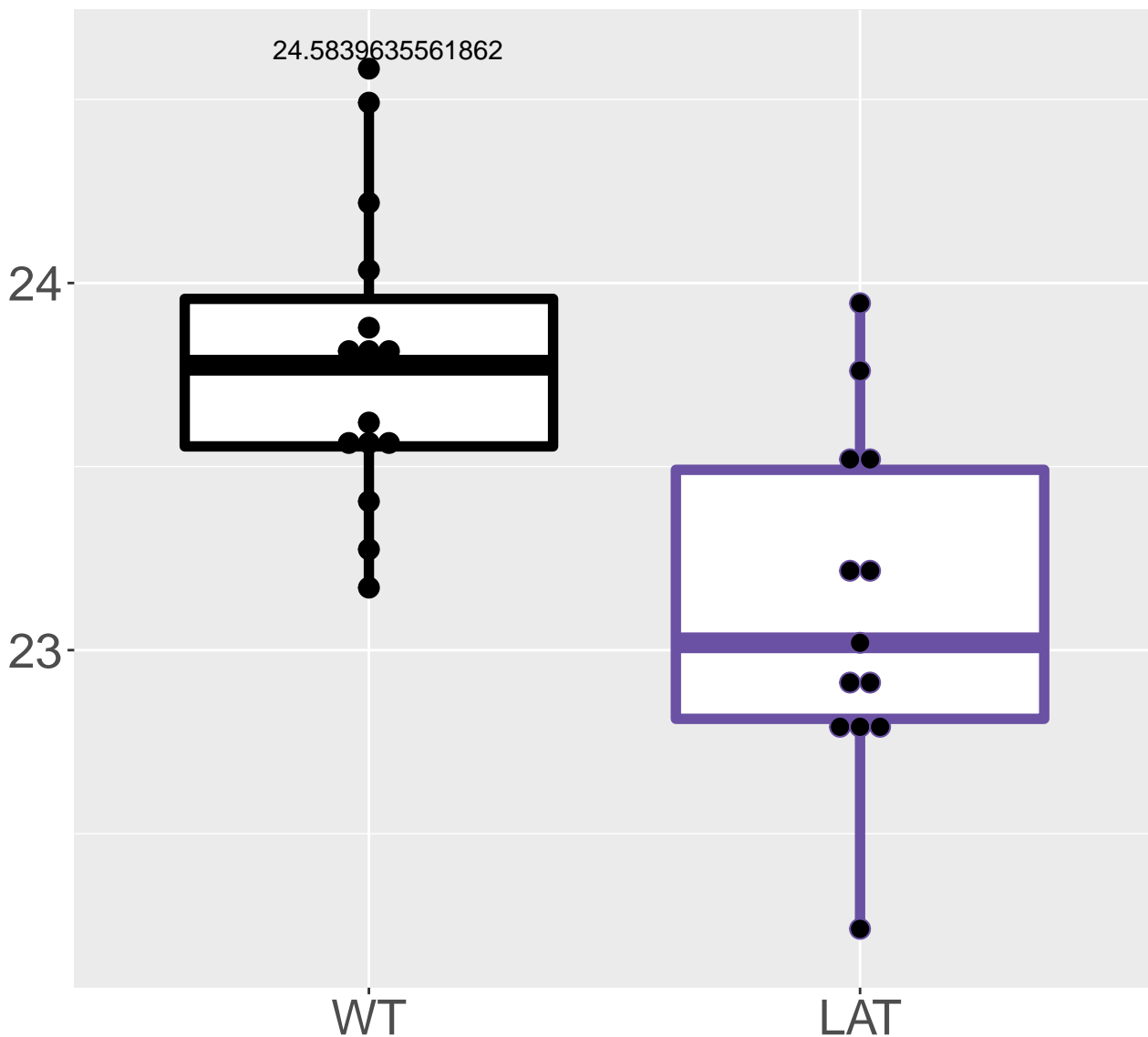
M434.6378T640.3

FDR = 0.0026, FC = -0.93



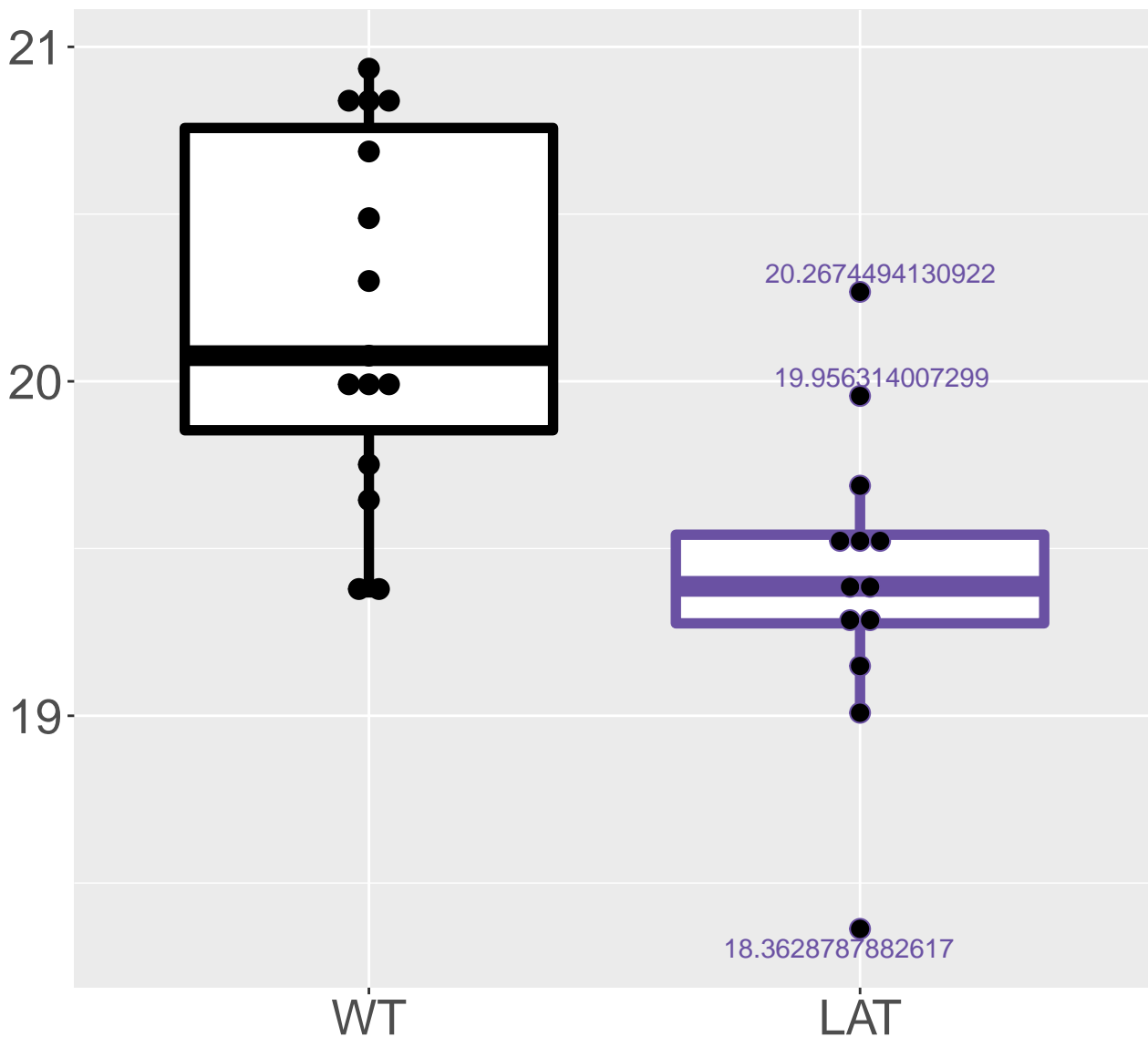
M439.0866T544.56

FDR = 0.0026, FC = -0.66

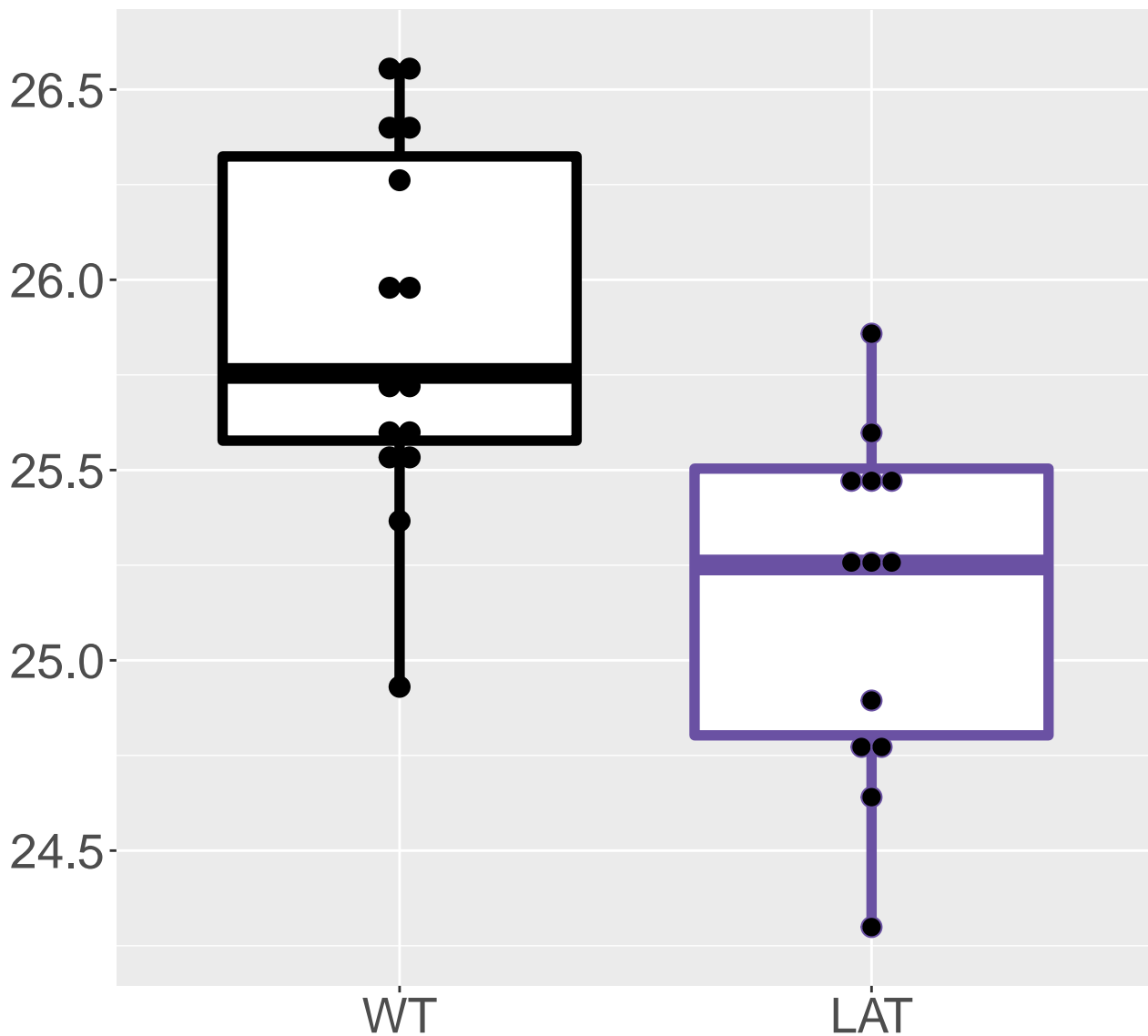


M448.1137T551.94

FDR = 0.0026, FC = -0.8

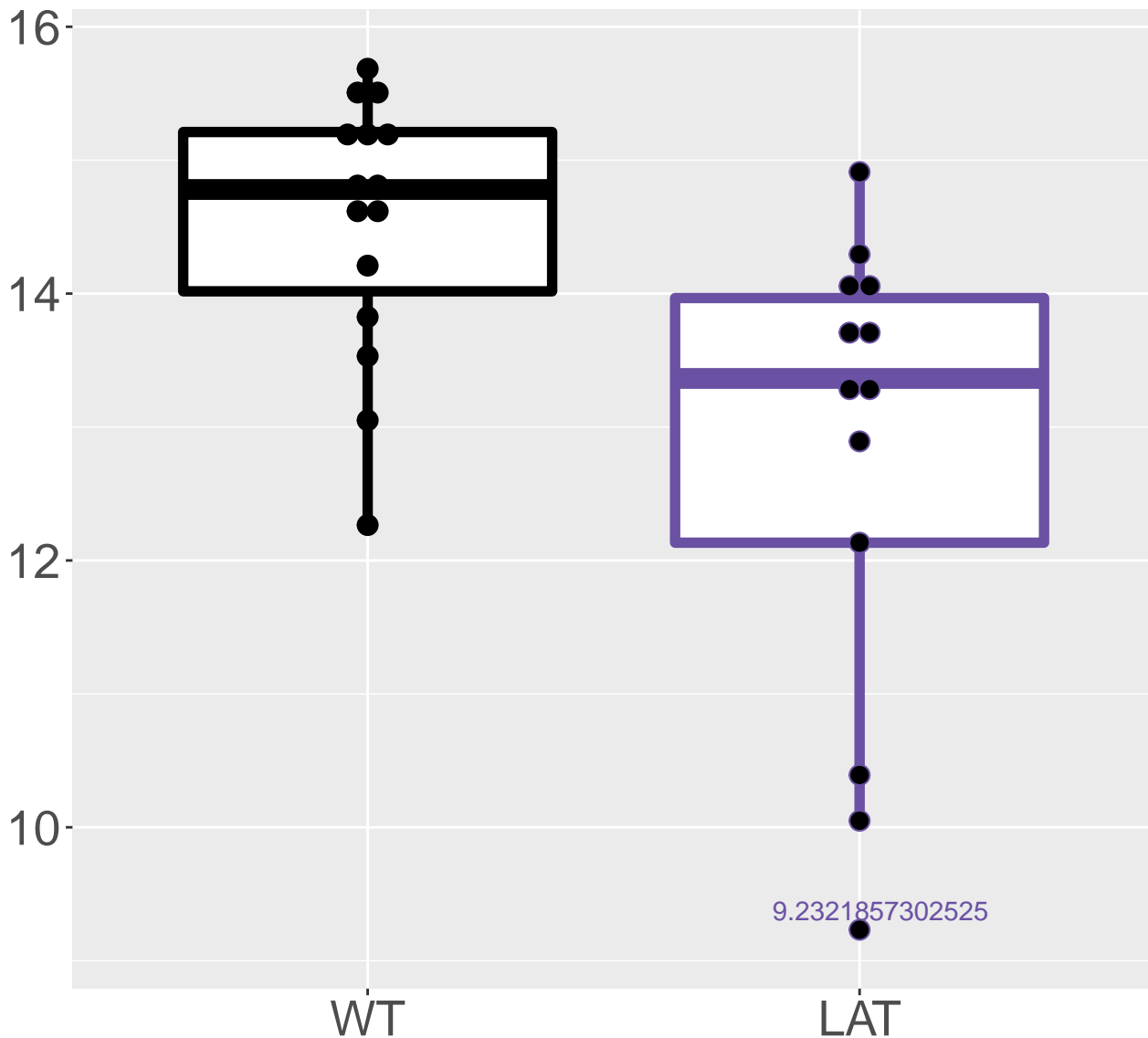


L-Glutamic acid; Glutamic acid; Glu|N-Methyl-
FDR = 0.0026, FC = -0.72



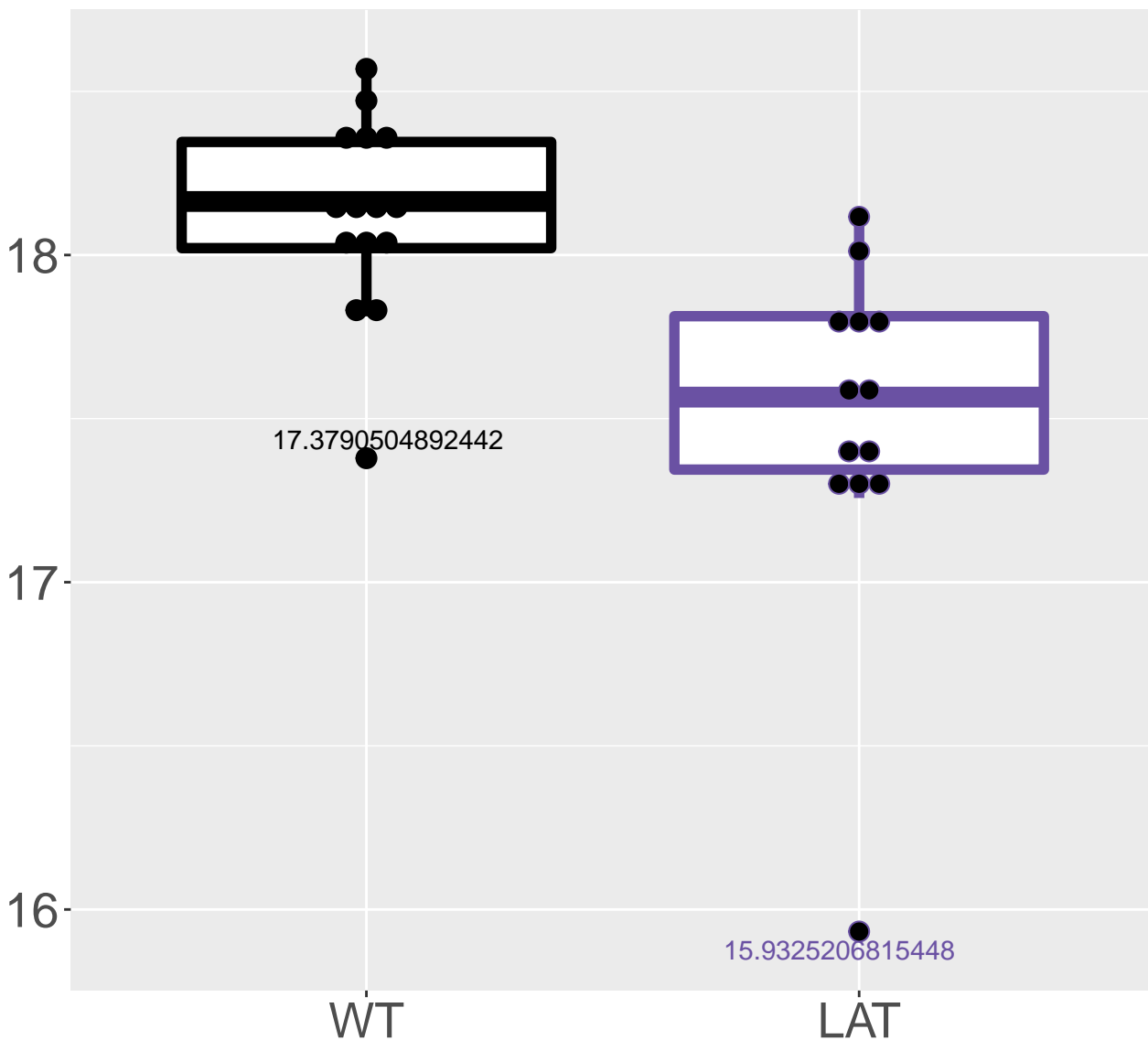
M389.1683T329.47

FDR = 0.0027, FC = -1.8, sex**

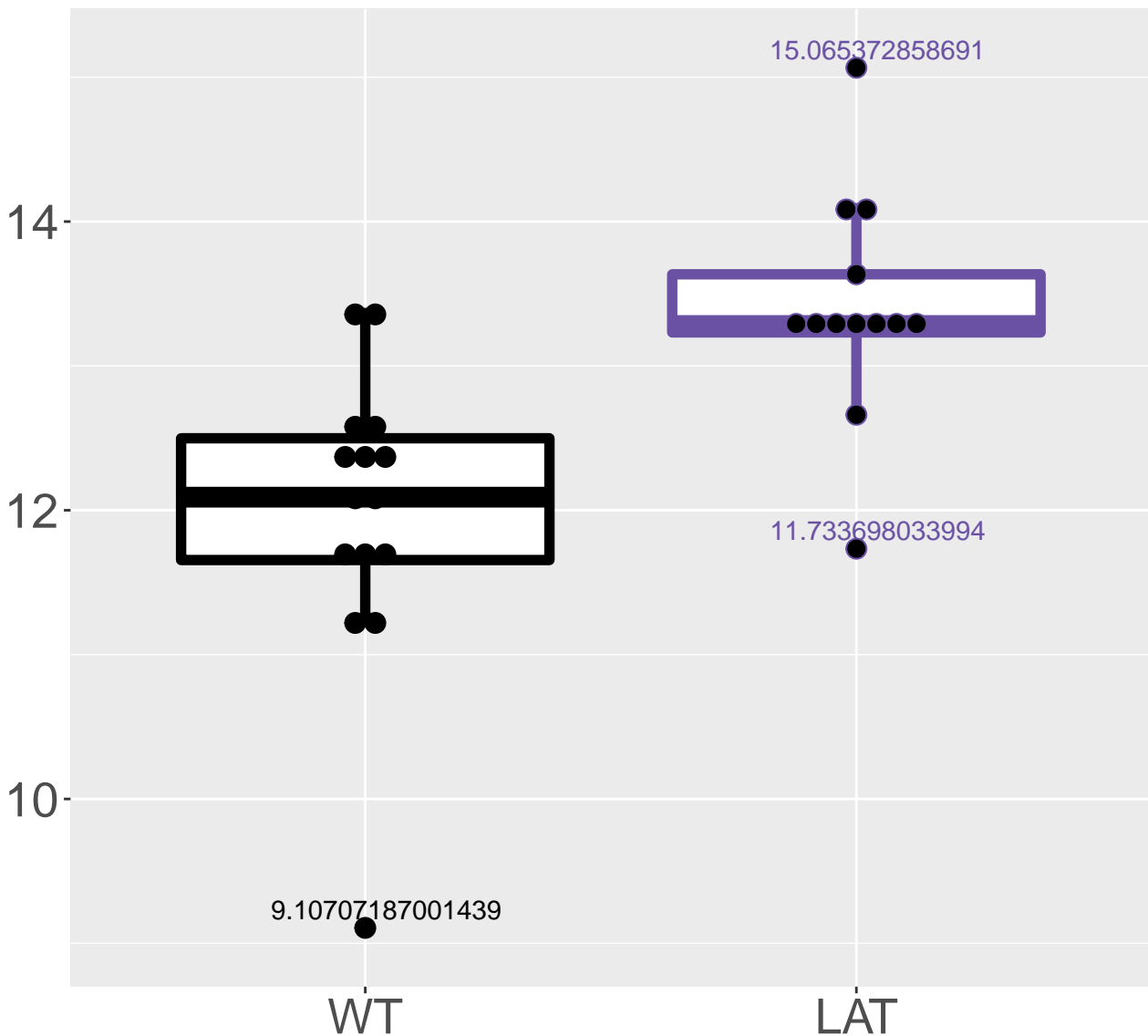


M467.1224T617.4

FDR = 0.0027, FC = -0.64

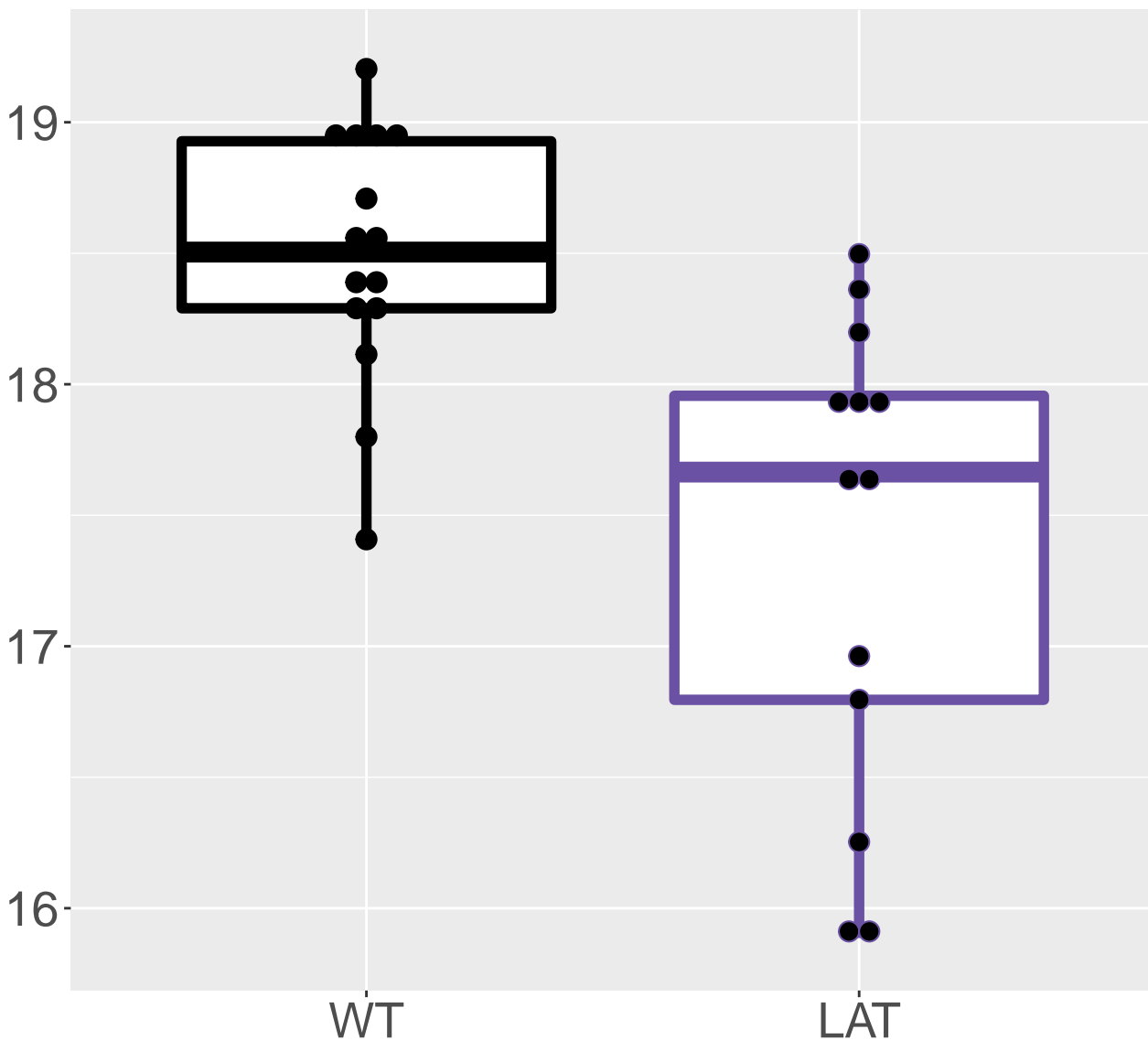


M210.992T656.47
FDR = 0.0027, FC = 1.4

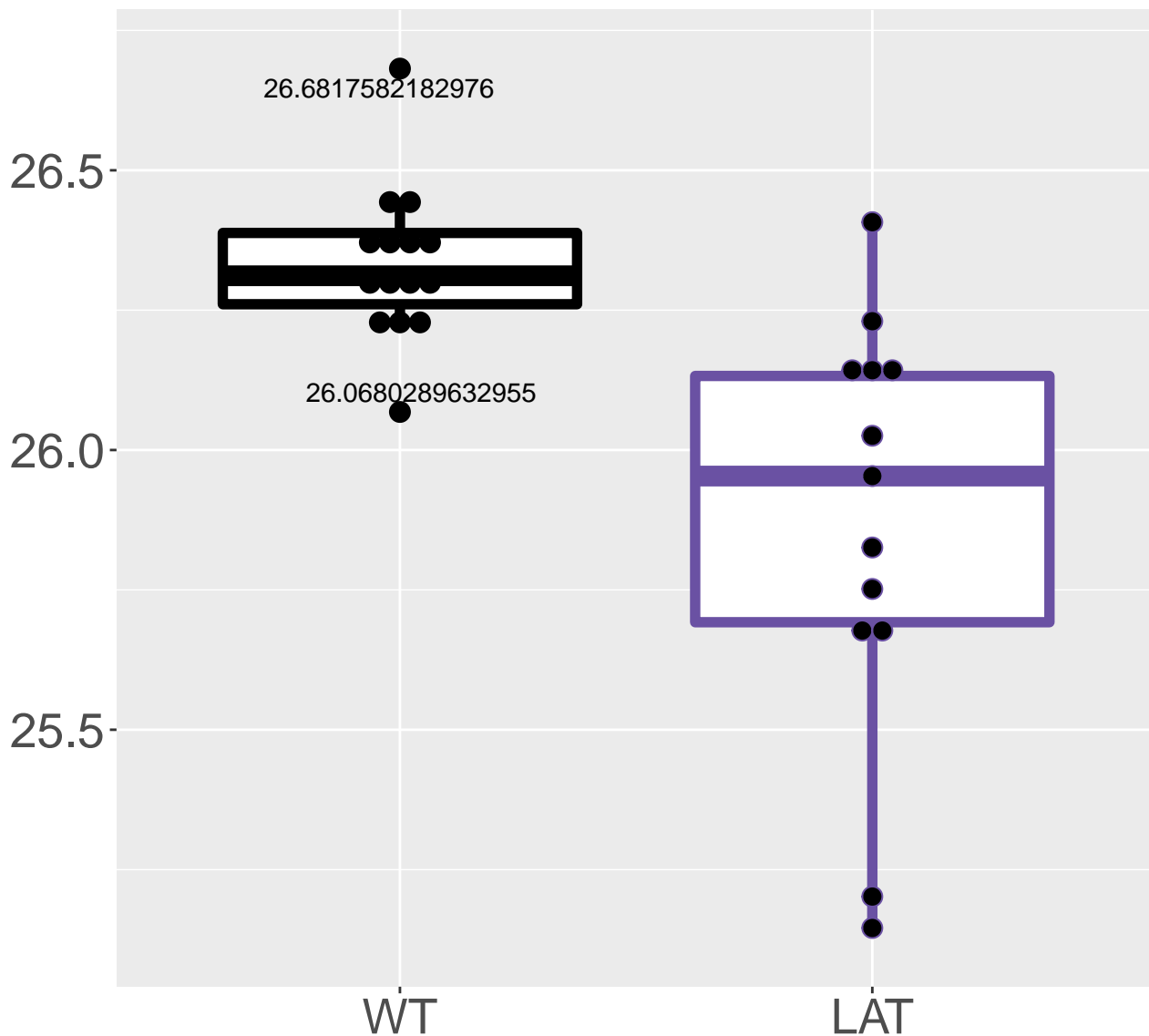


M428.1787T260.44

FDR = 0.0027, FC = -1.1

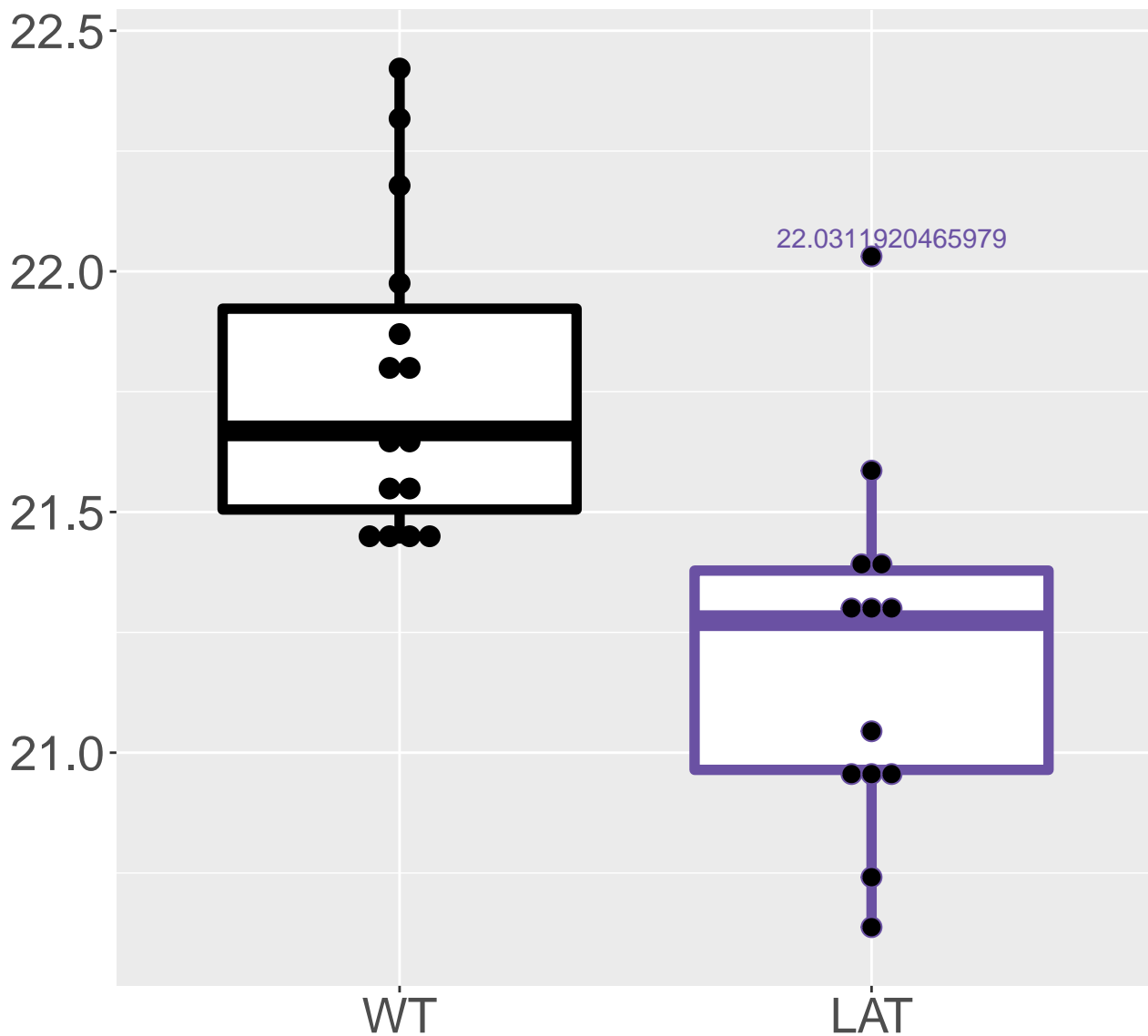


L-Valine;Valine
FDR = 0.0028, FC = -0.46



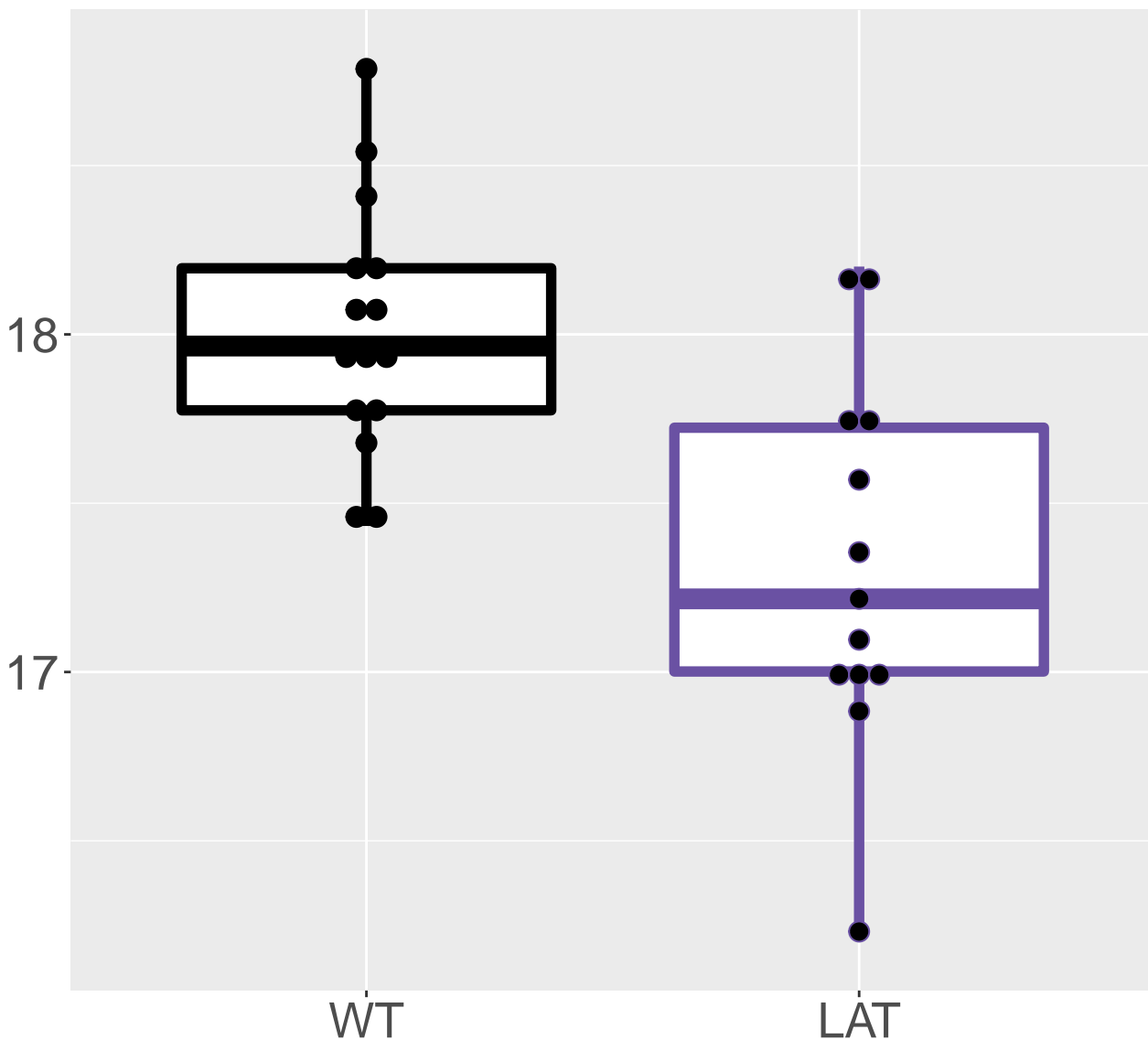
M383.1202T578.6

FDR = 0.0028, FC = -0.57



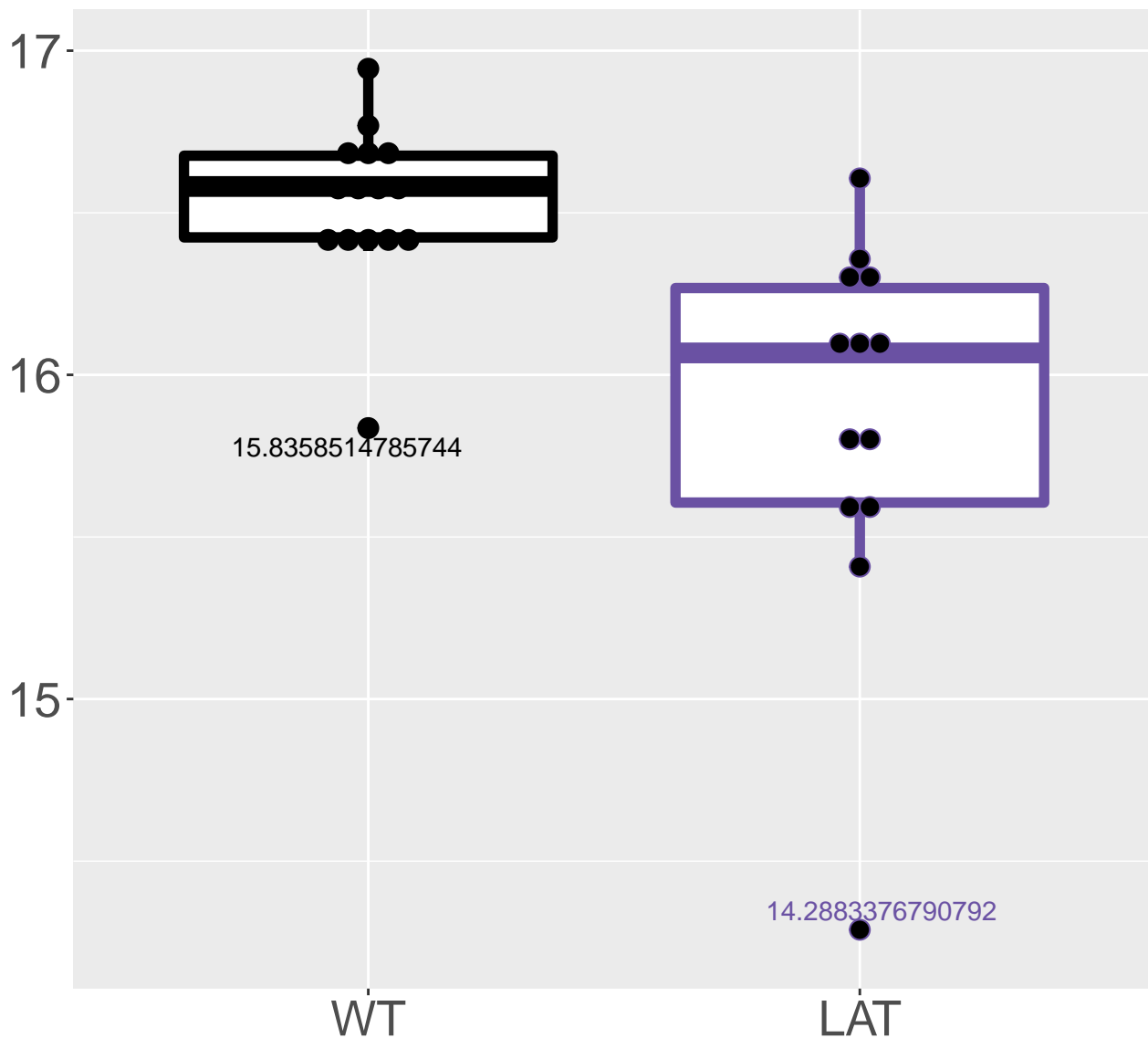
M636.0436T547.42

FDR = 0.0028, FC = -0.7

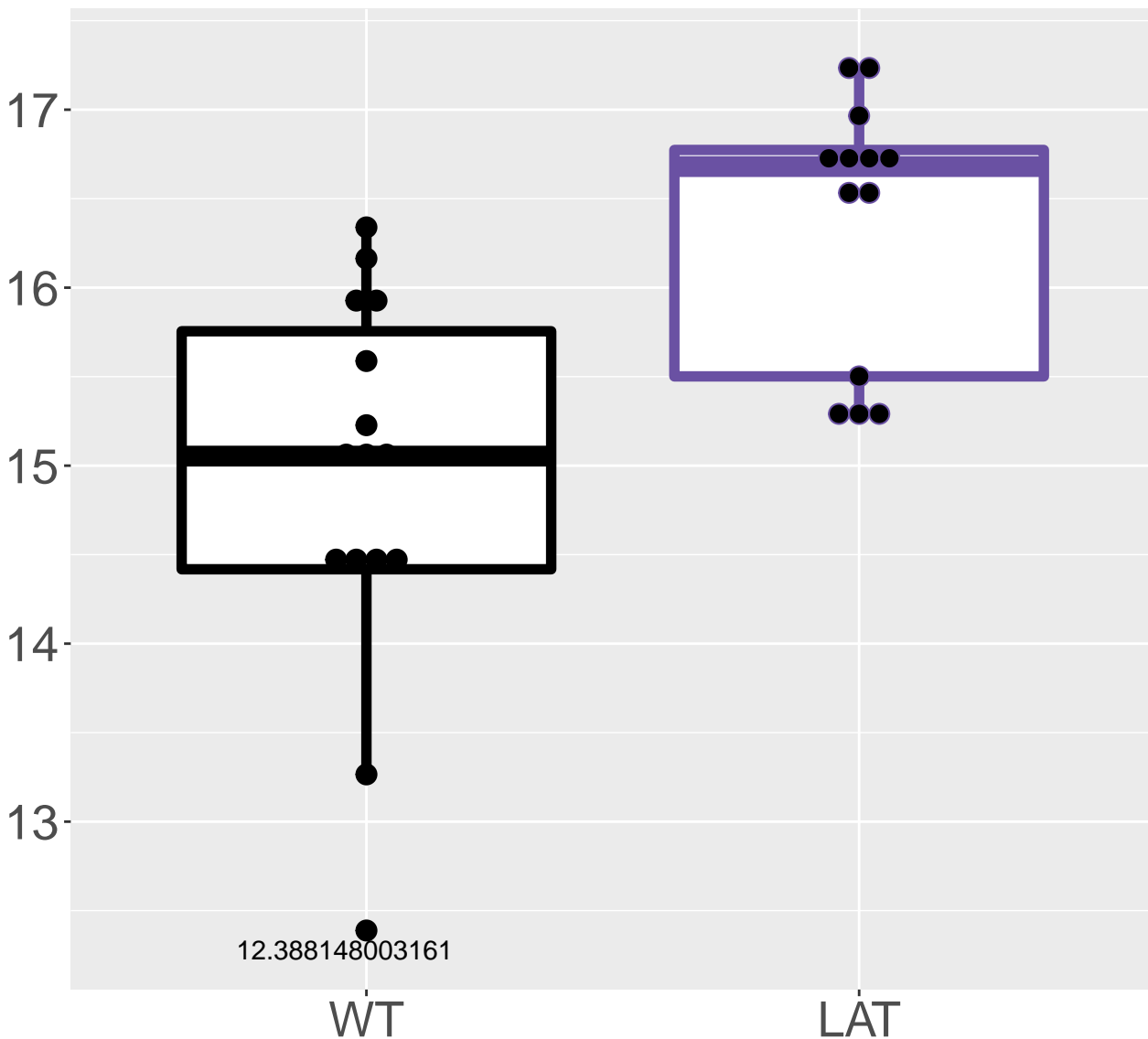


M301.0442T358.44

FDR = 0.0028, FC = -0.66

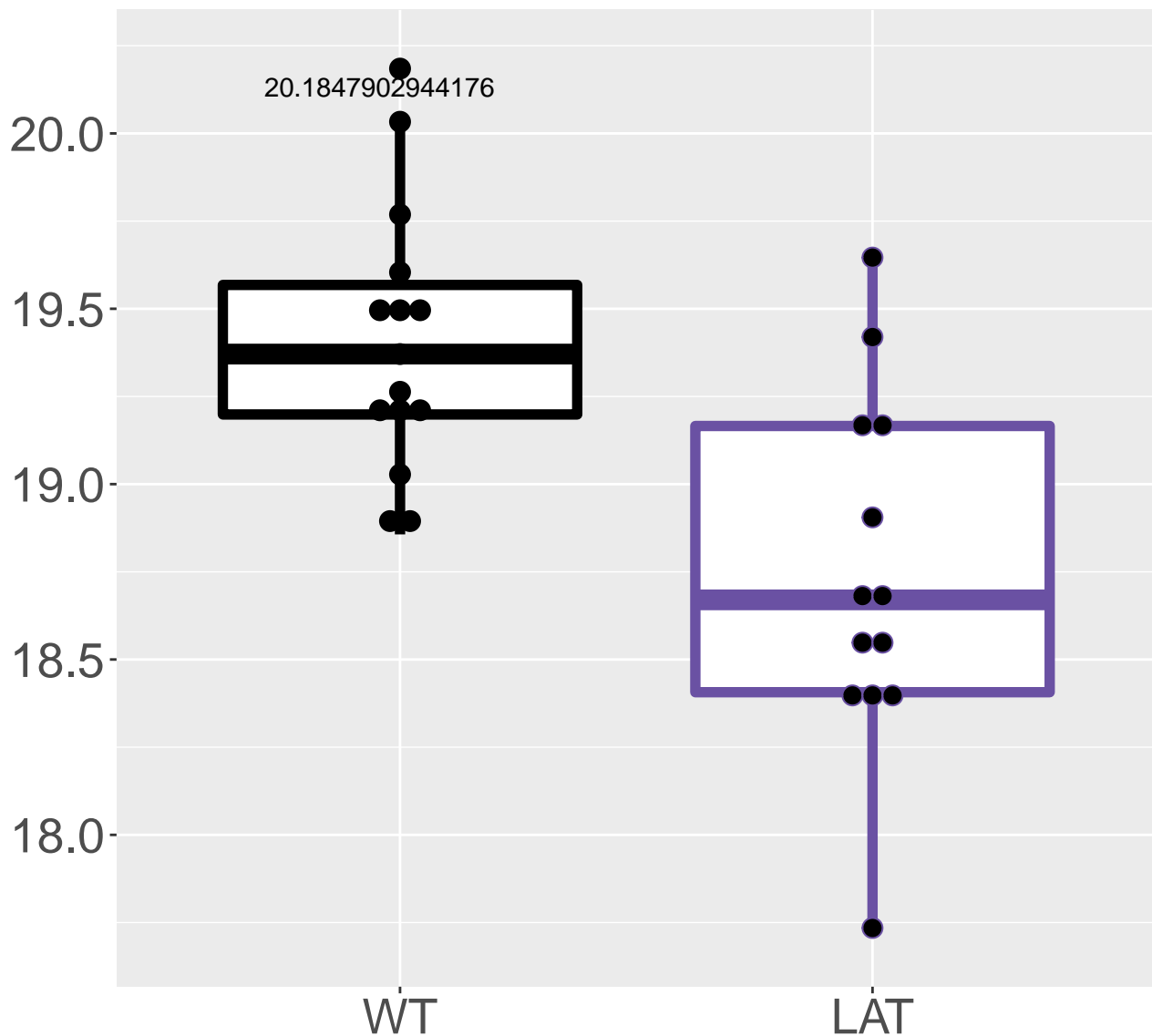


M536.5862T589.31
FDR = 0.0028, FC = 1.4



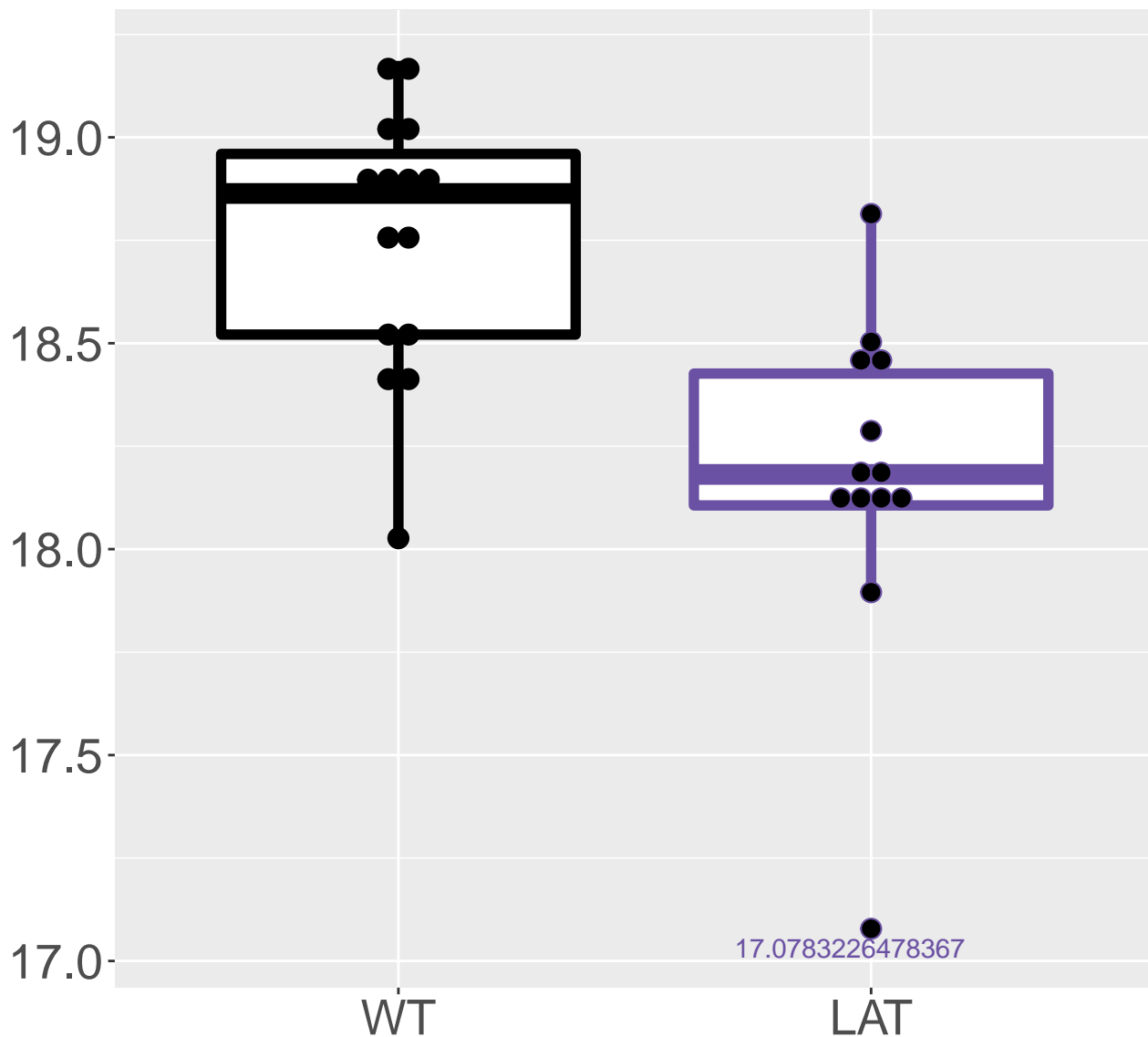
M538.0666T546.17

FDR = 0.0028, FC = -0.67



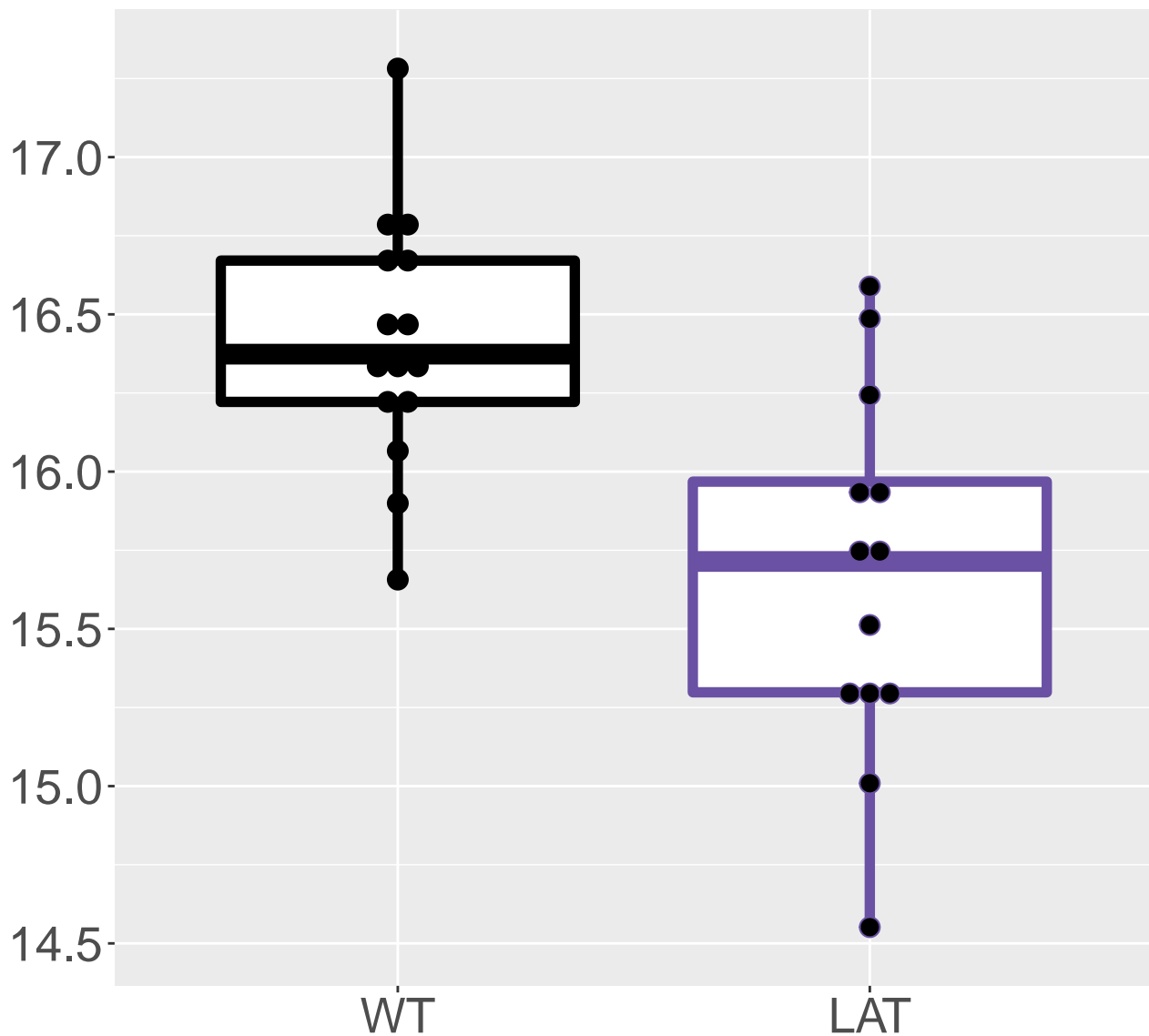
M203.0676T325.42

FDR = 0.0028, FC = -0.58



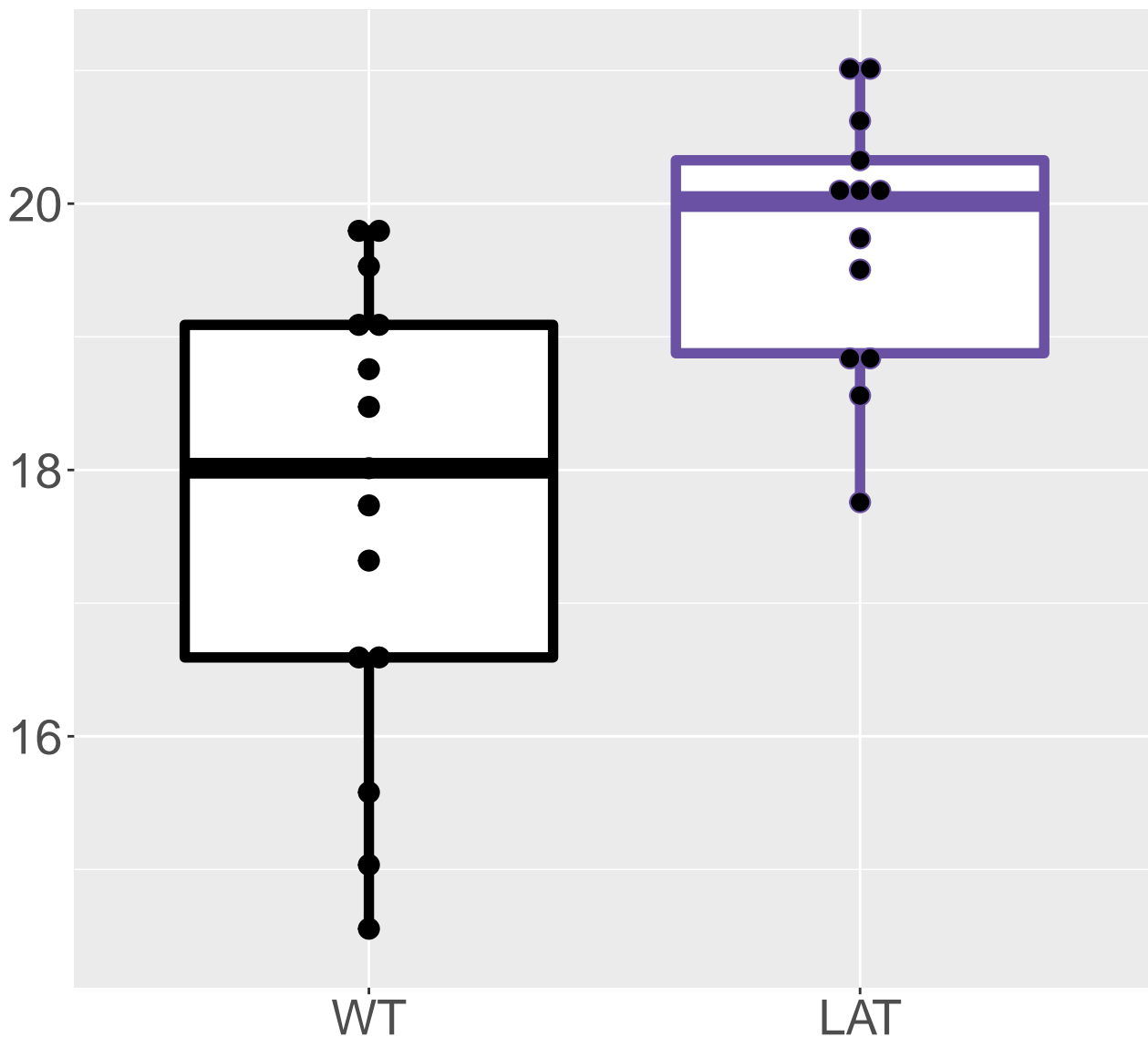
M637.0446T547.09

FDR = 0.0029, FC = -0.75



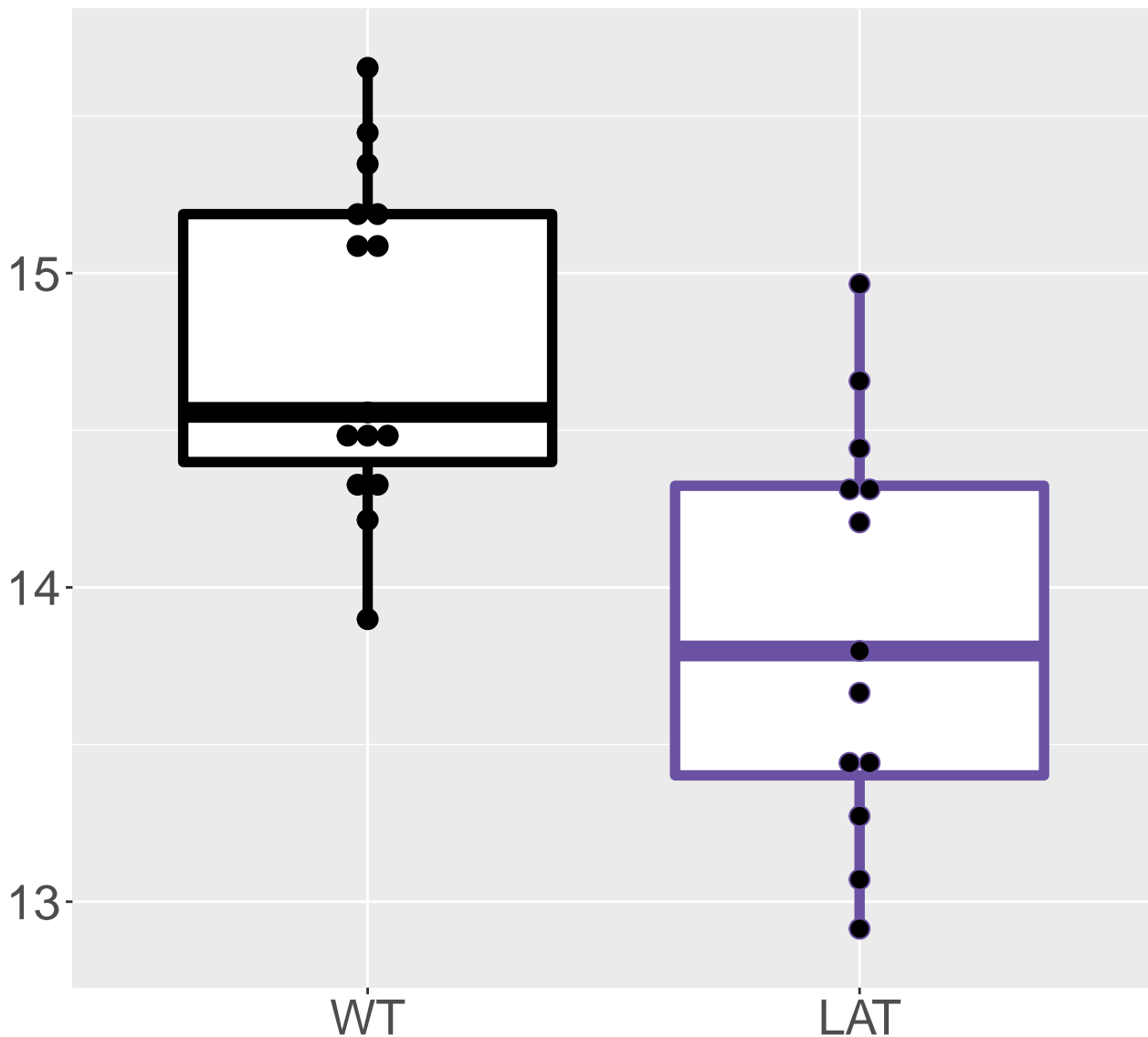
M571.1286T529.39

FDR = 0.0029, FC = 2



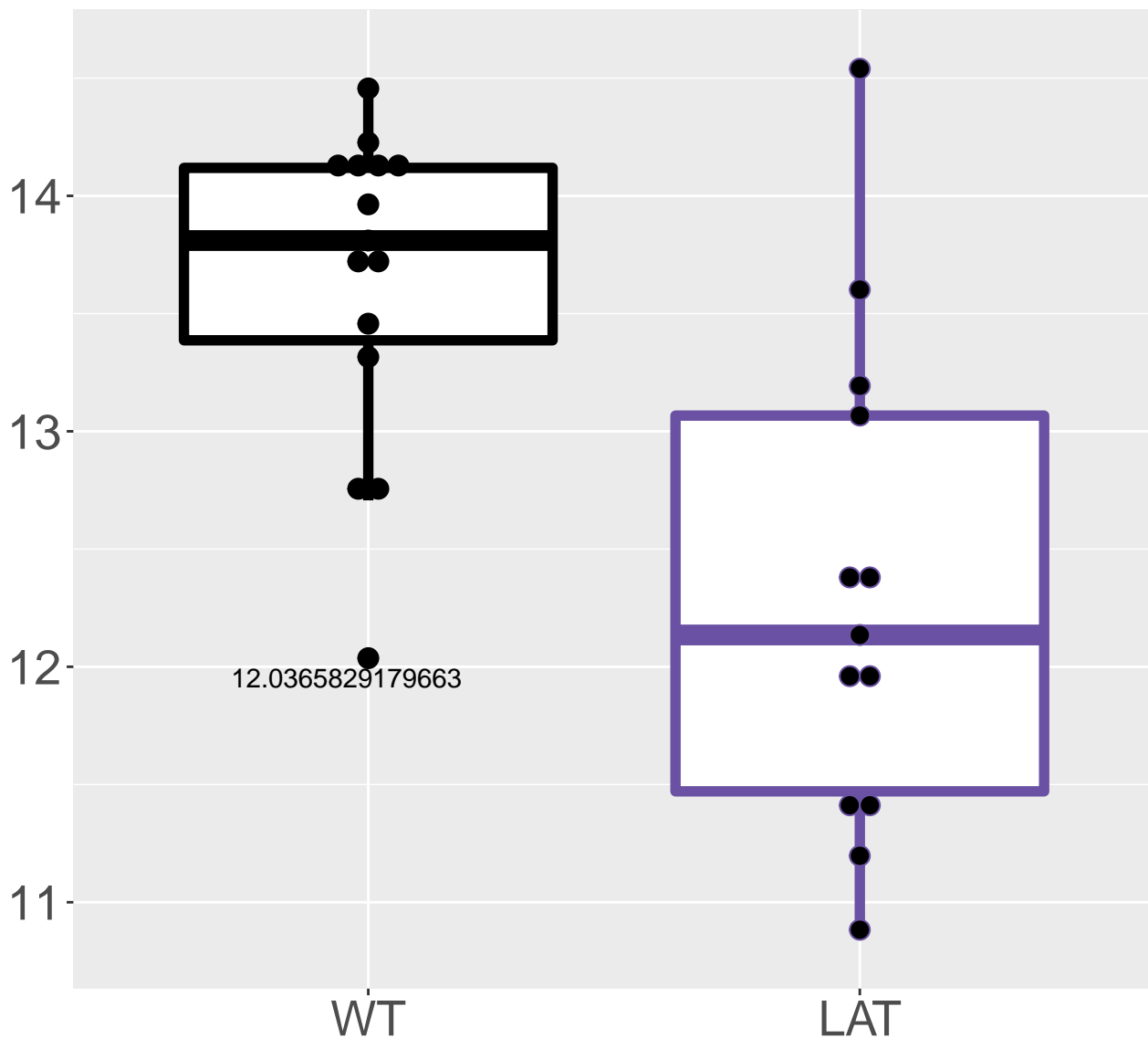
M283.0922T536.78

FDR = 0.0029, FC = -0.9



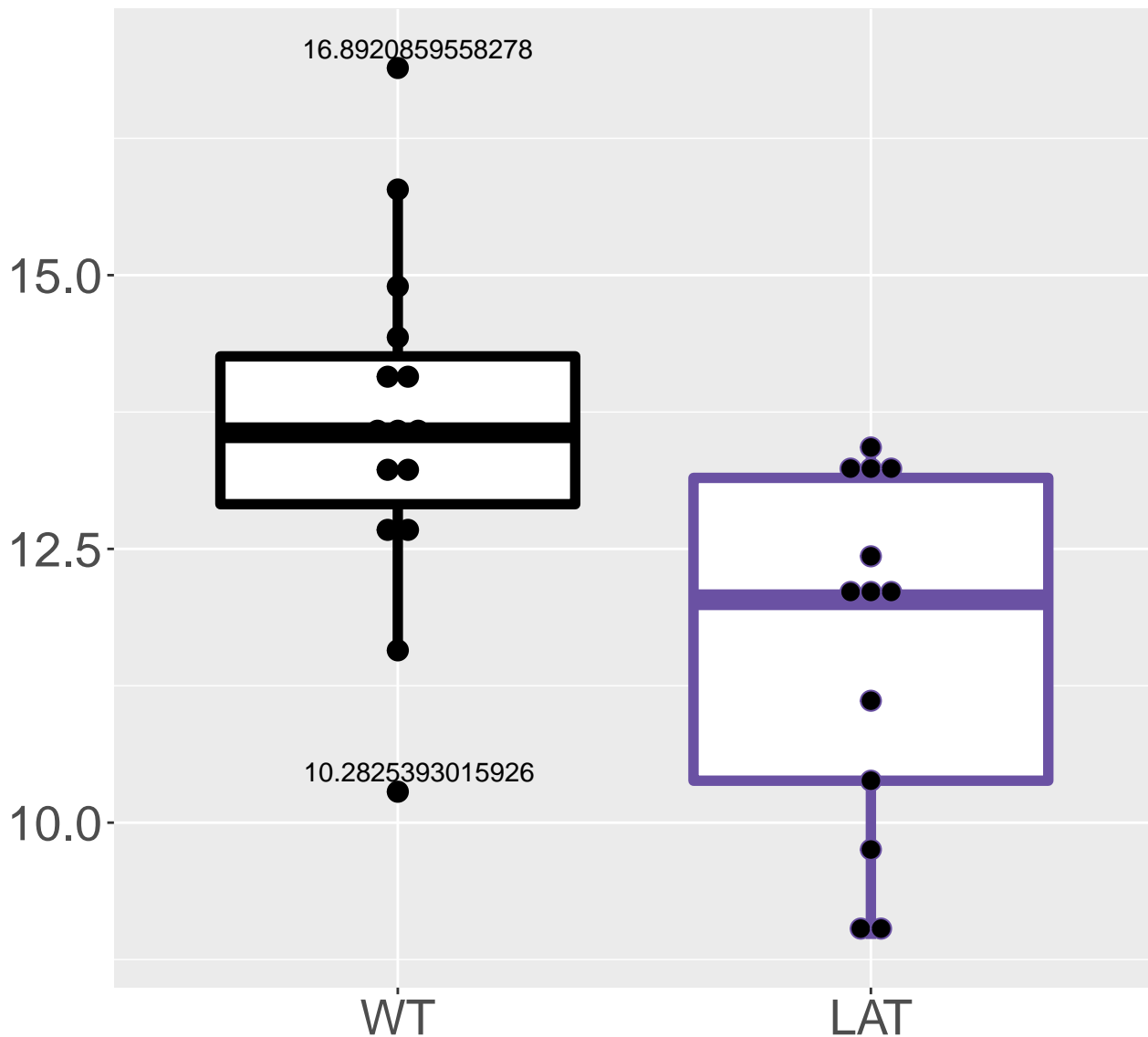
M545.507T675.98

FDR = 0.003, FC = -1.3



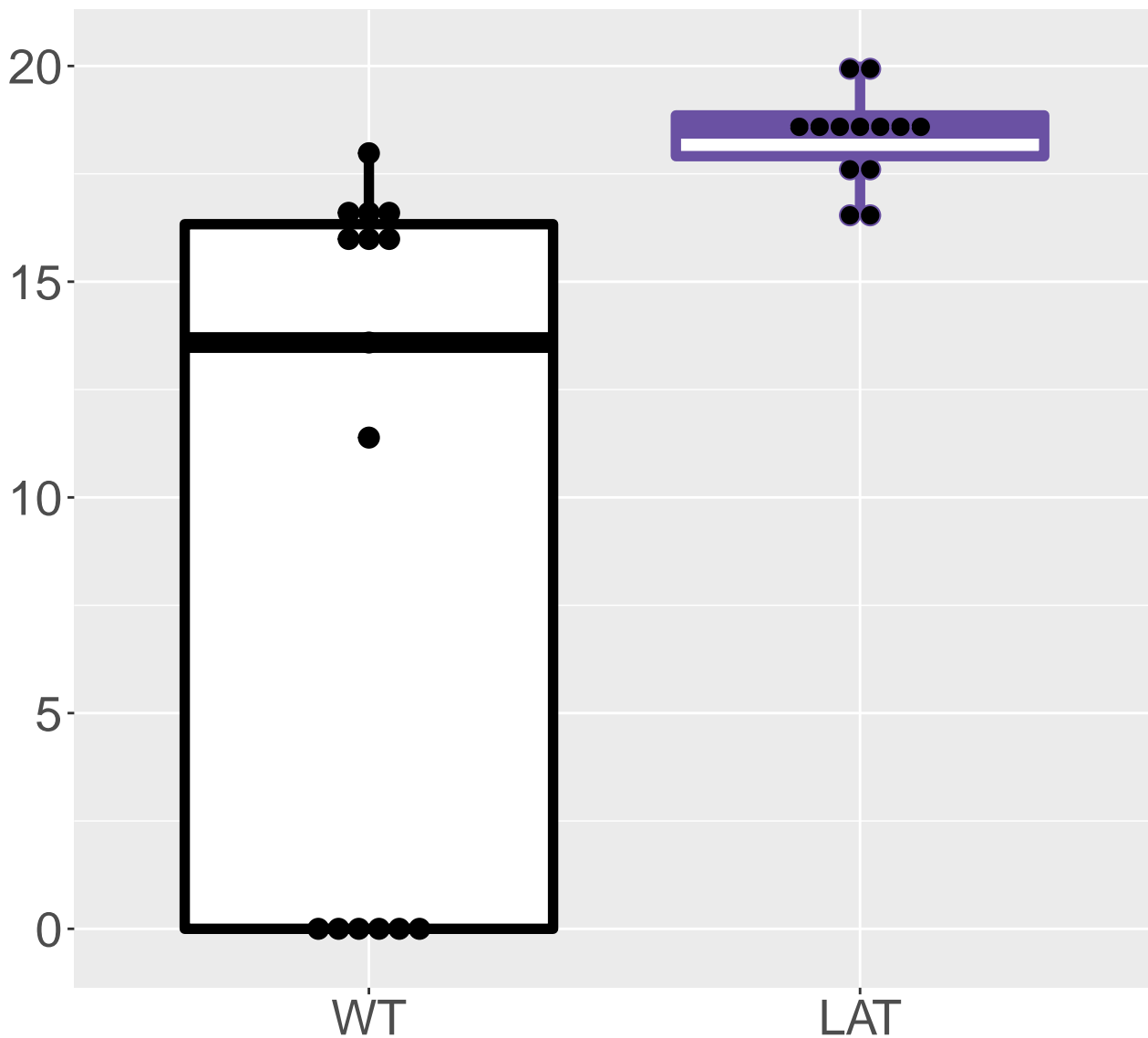
FDR = 0.003, FC = -2, sex**

FDR = 0.003, FC = -2, sex**



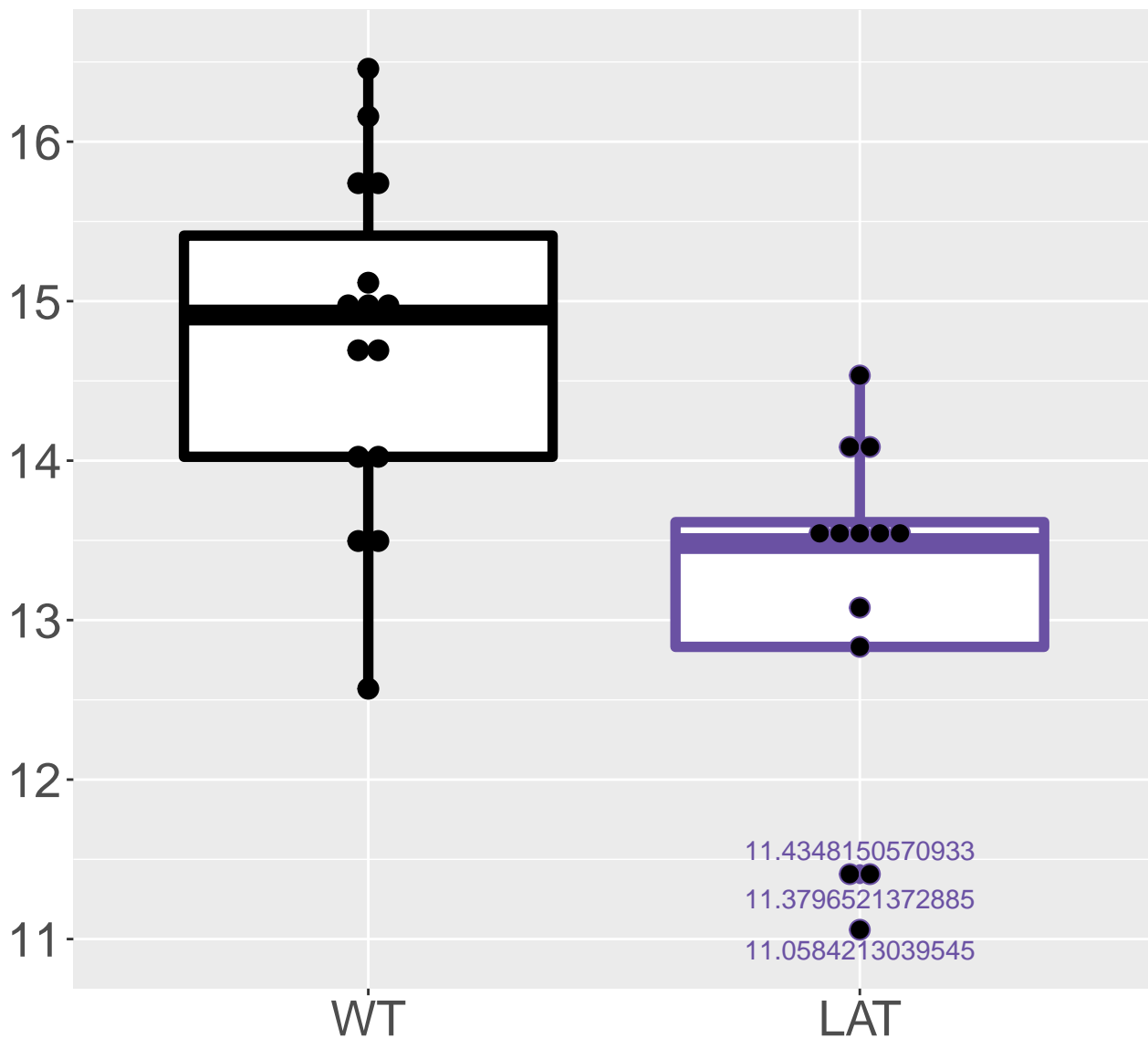
M218.0088T189.5

FDR = 0.003, FC = 9



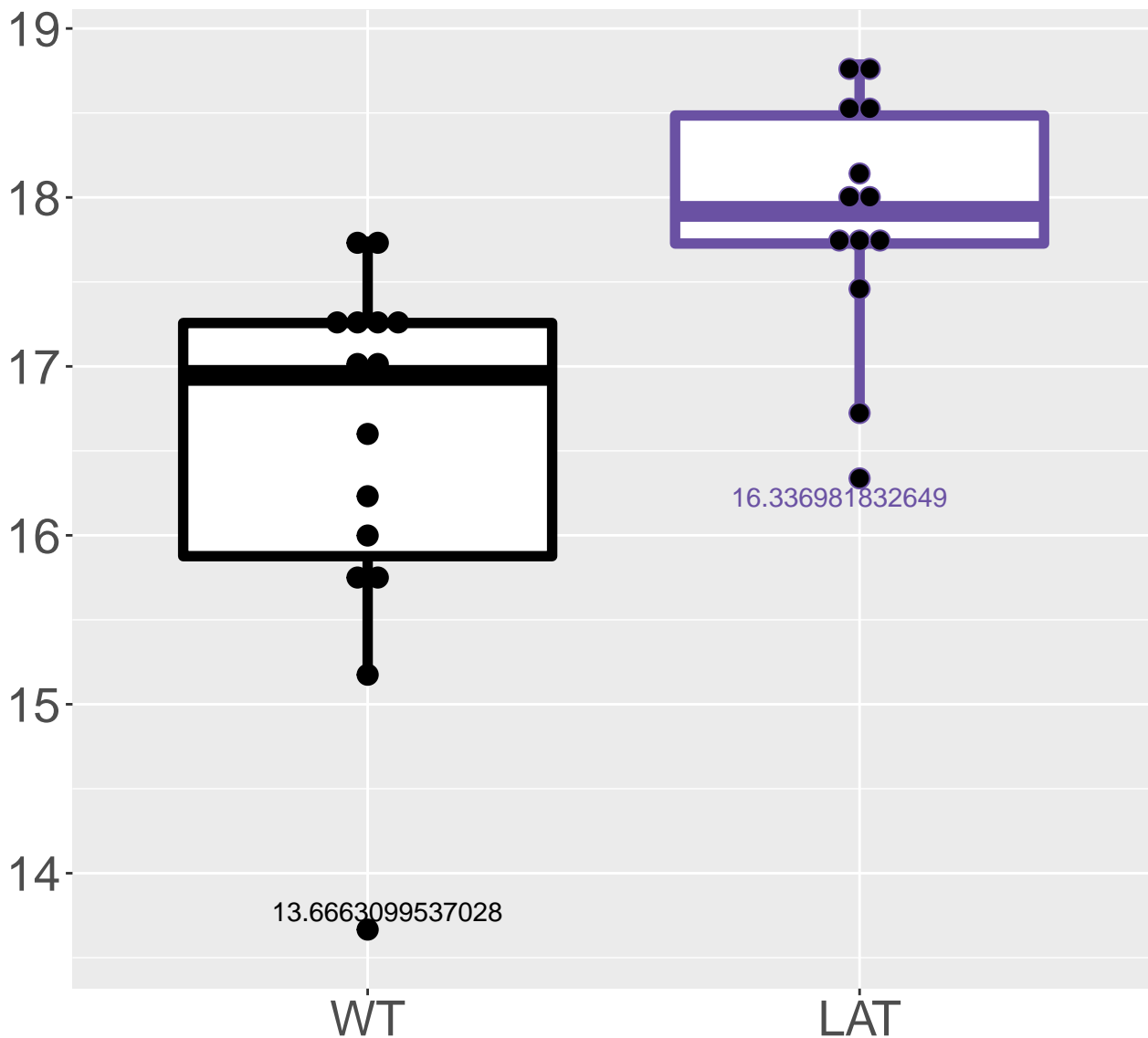
M476.1893T174.34

FDR = 0.0032, FC = -1.6



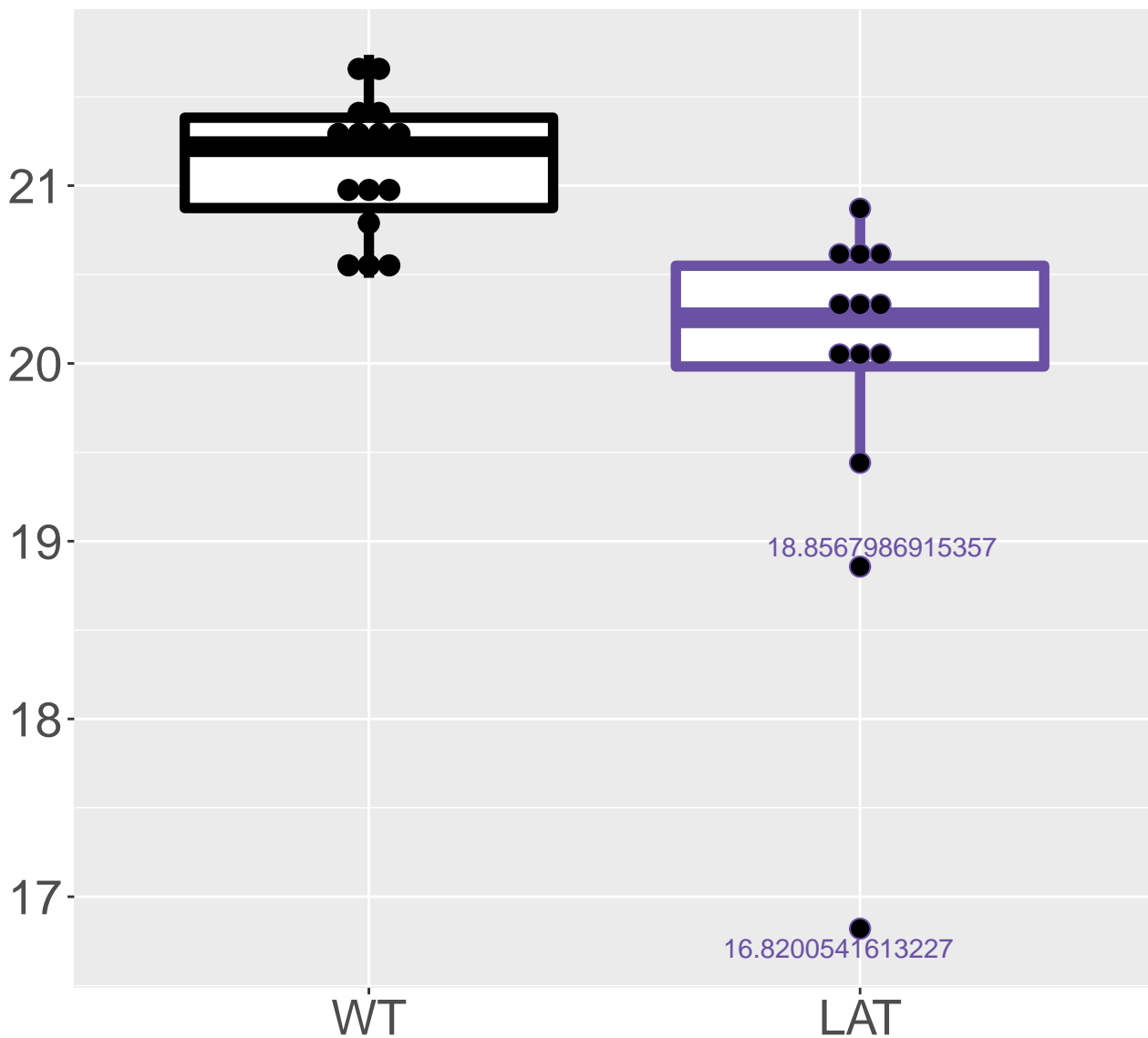
M554.124T604.03

FDR = 0.0032, FC = 1.4



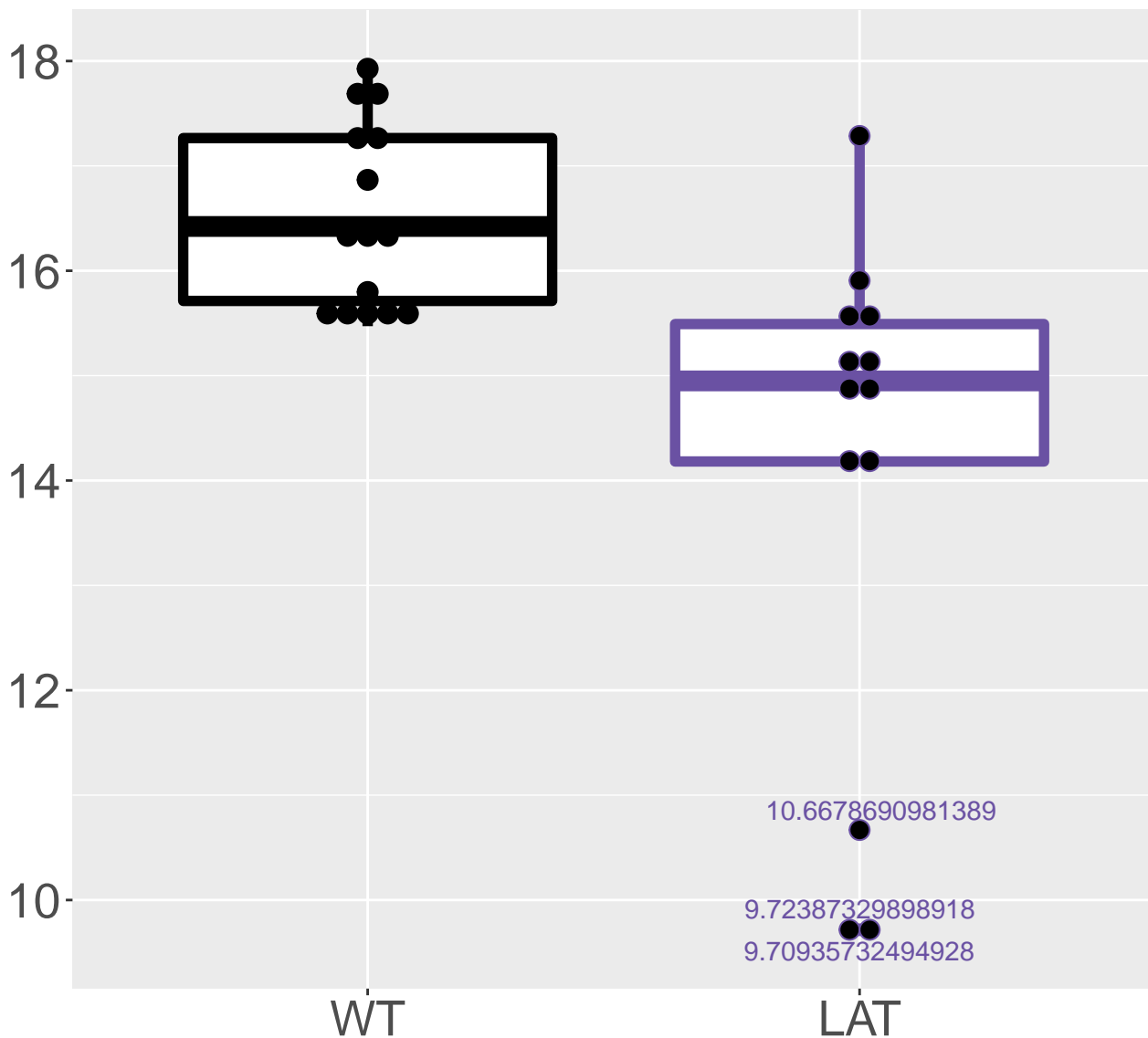
M392.1136T239.16

FDR = 0.0032, FC = -1.2

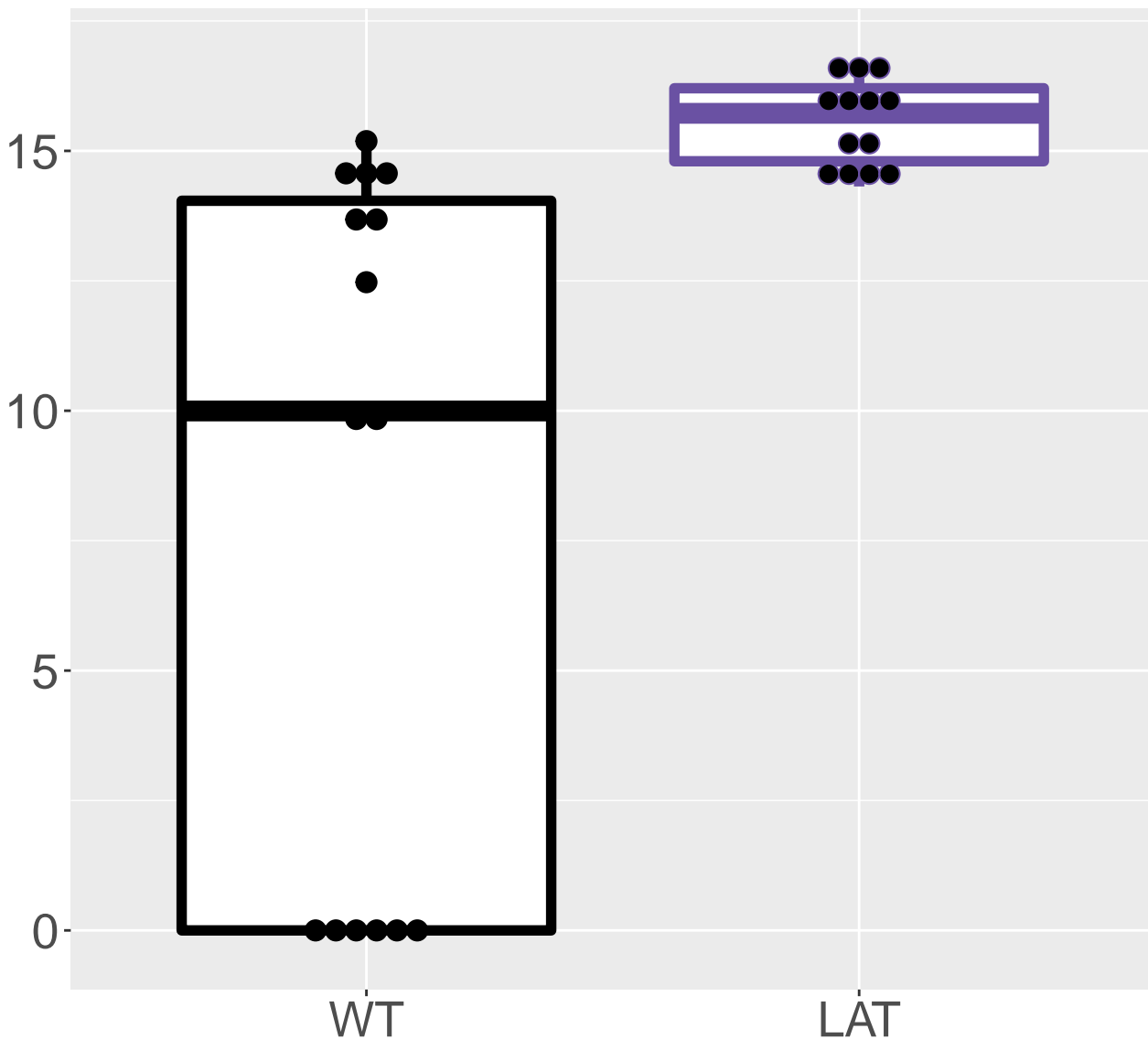


M255.0759T378.54

FDR = 0.0032, FC = -2.5

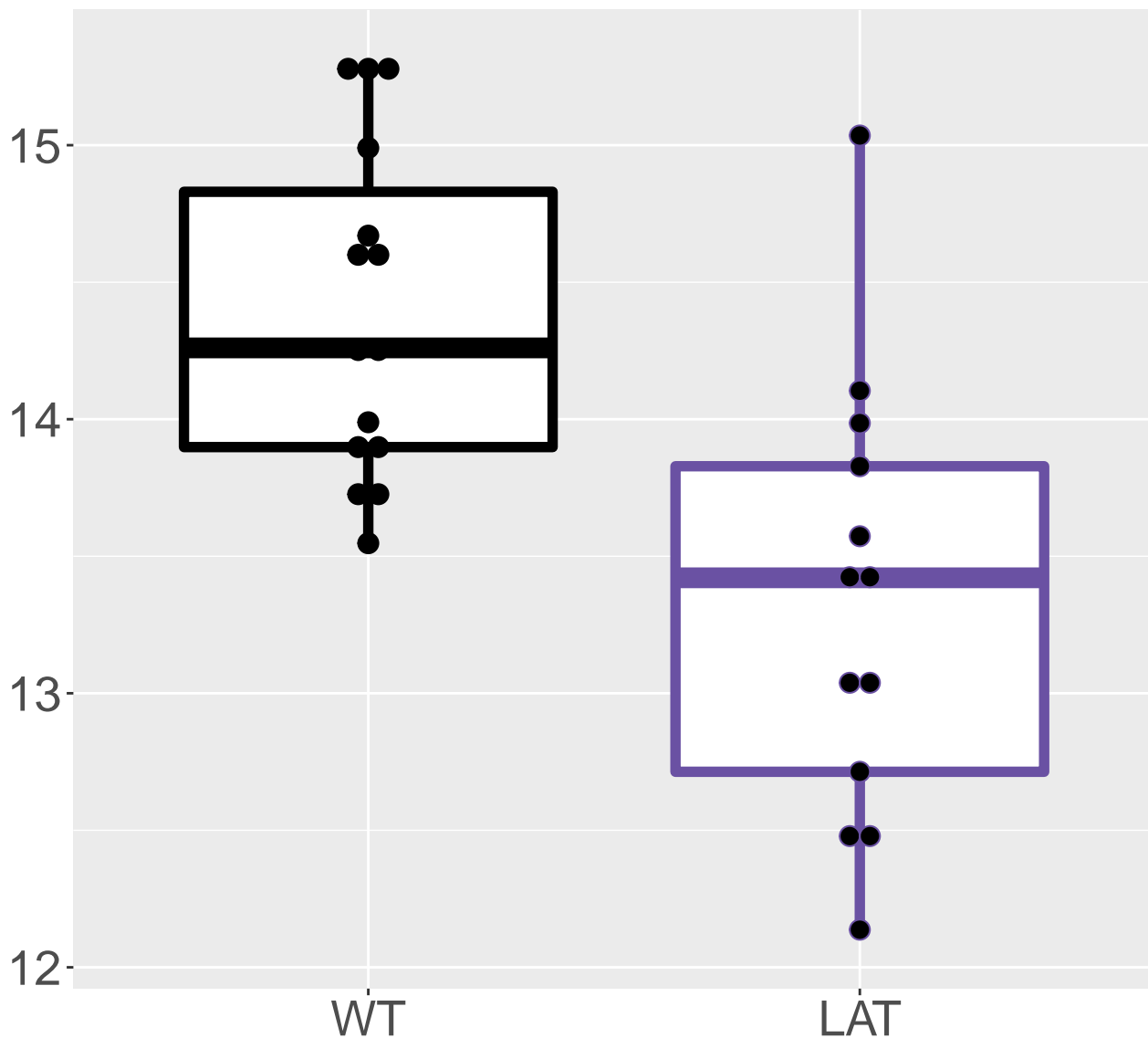


M930.1914T573.38_1
FDR = 0.0032, FC = 7.6

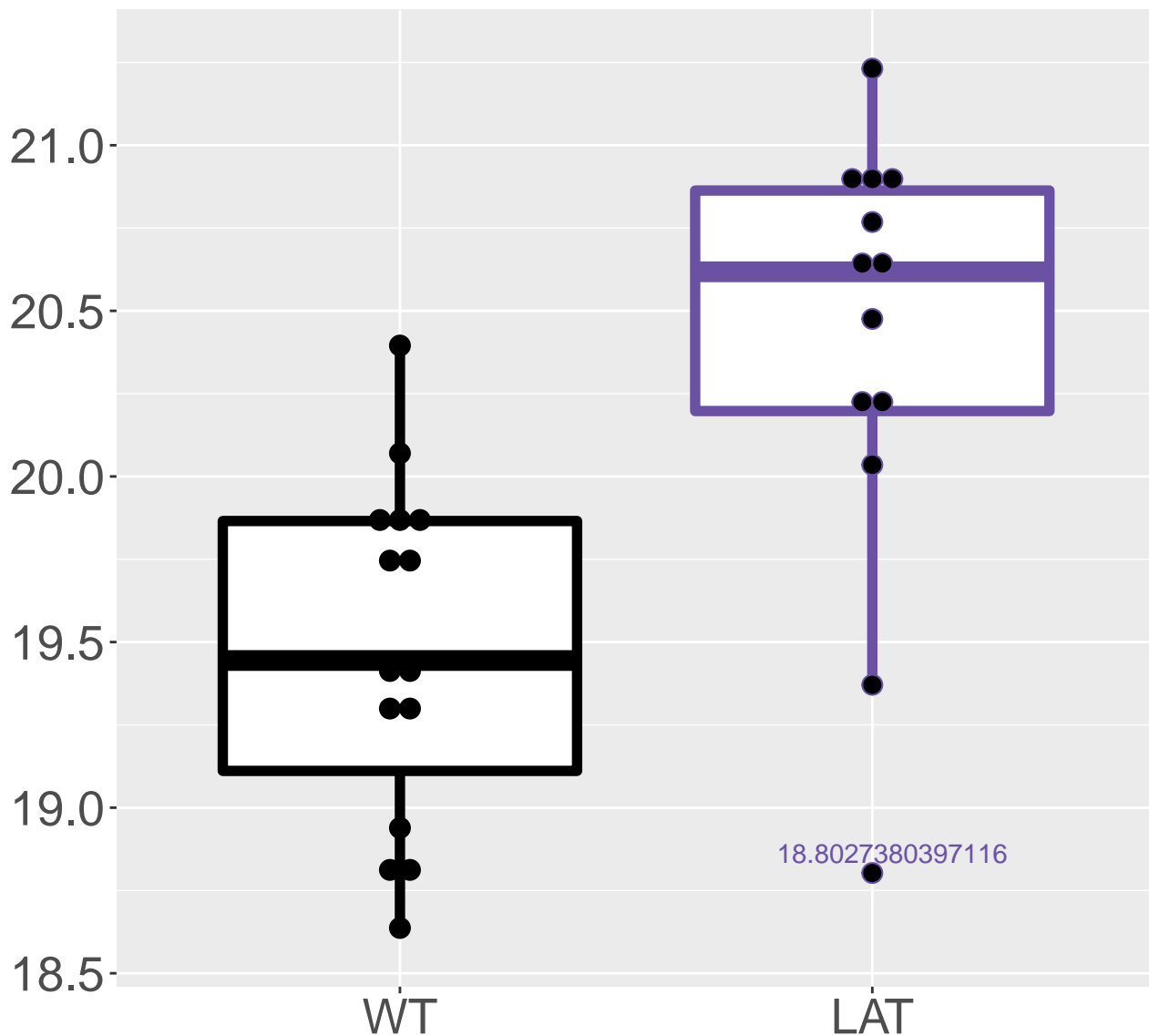


M517.16T639.92

FDR = 0.0032, FC = -1.1

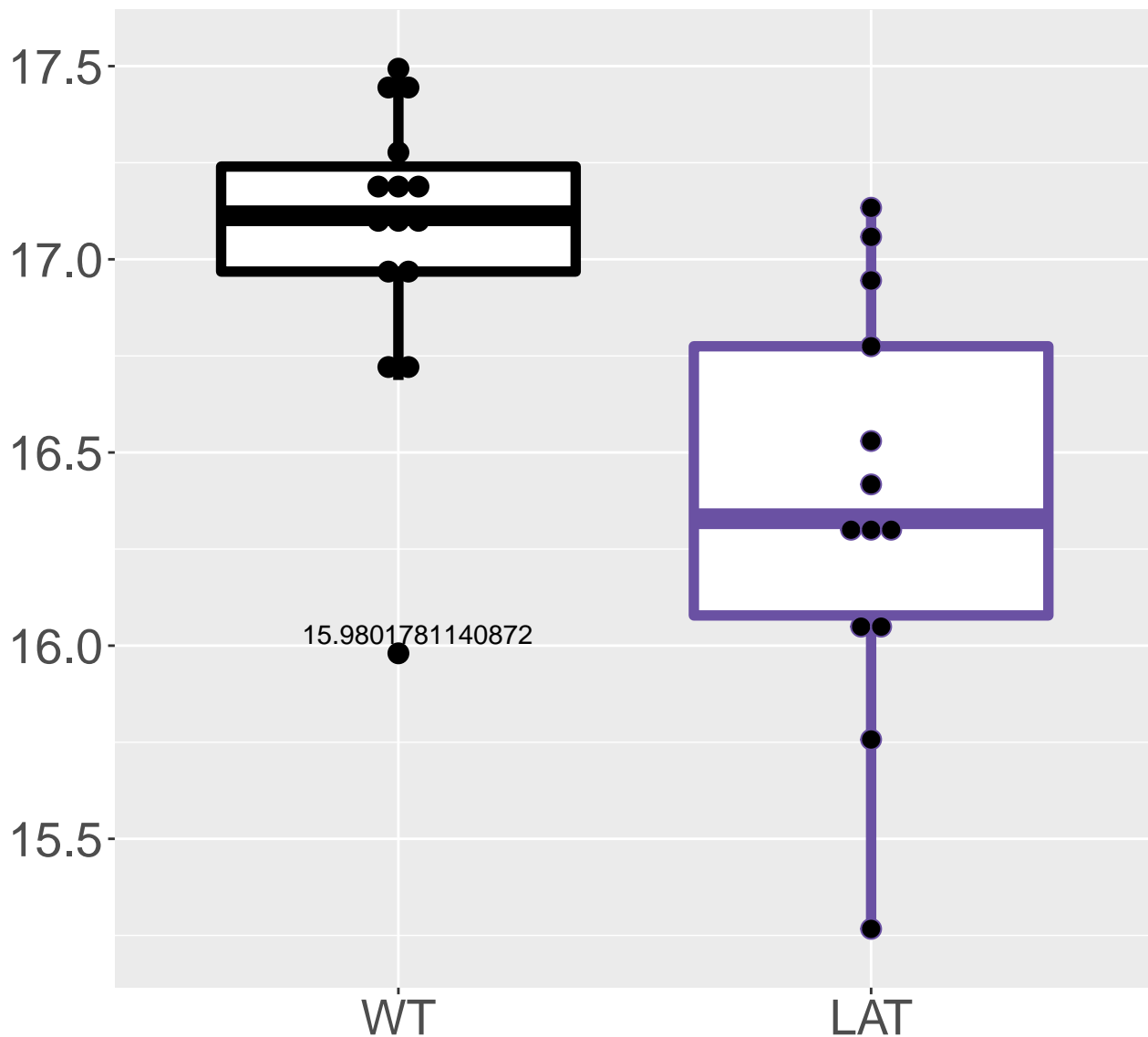


M709.1127T598.89
FDR = 0.0032, FC = 0.92



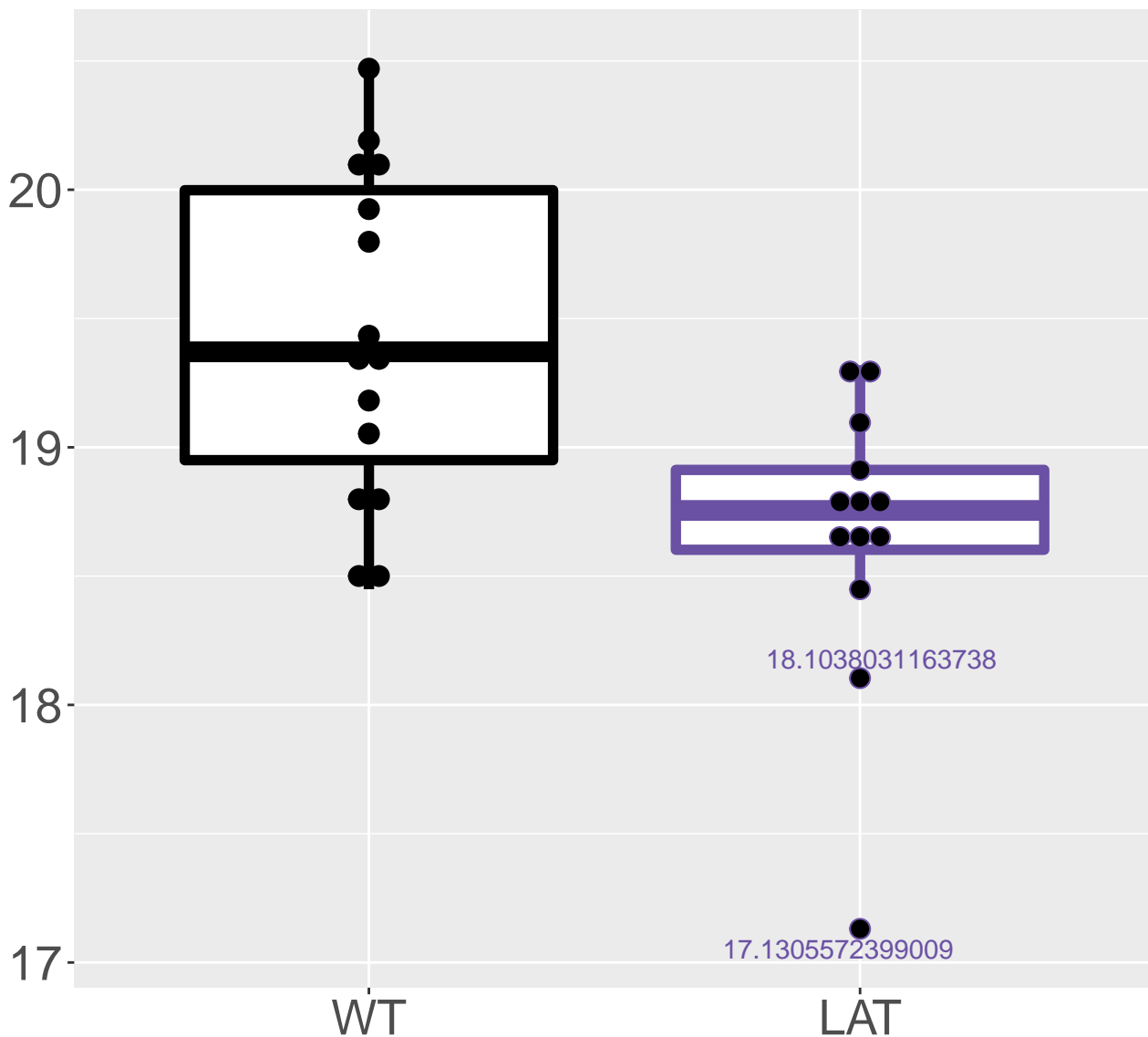
M797.3054T582.93

FDR = 0.0032, FC = -0.69

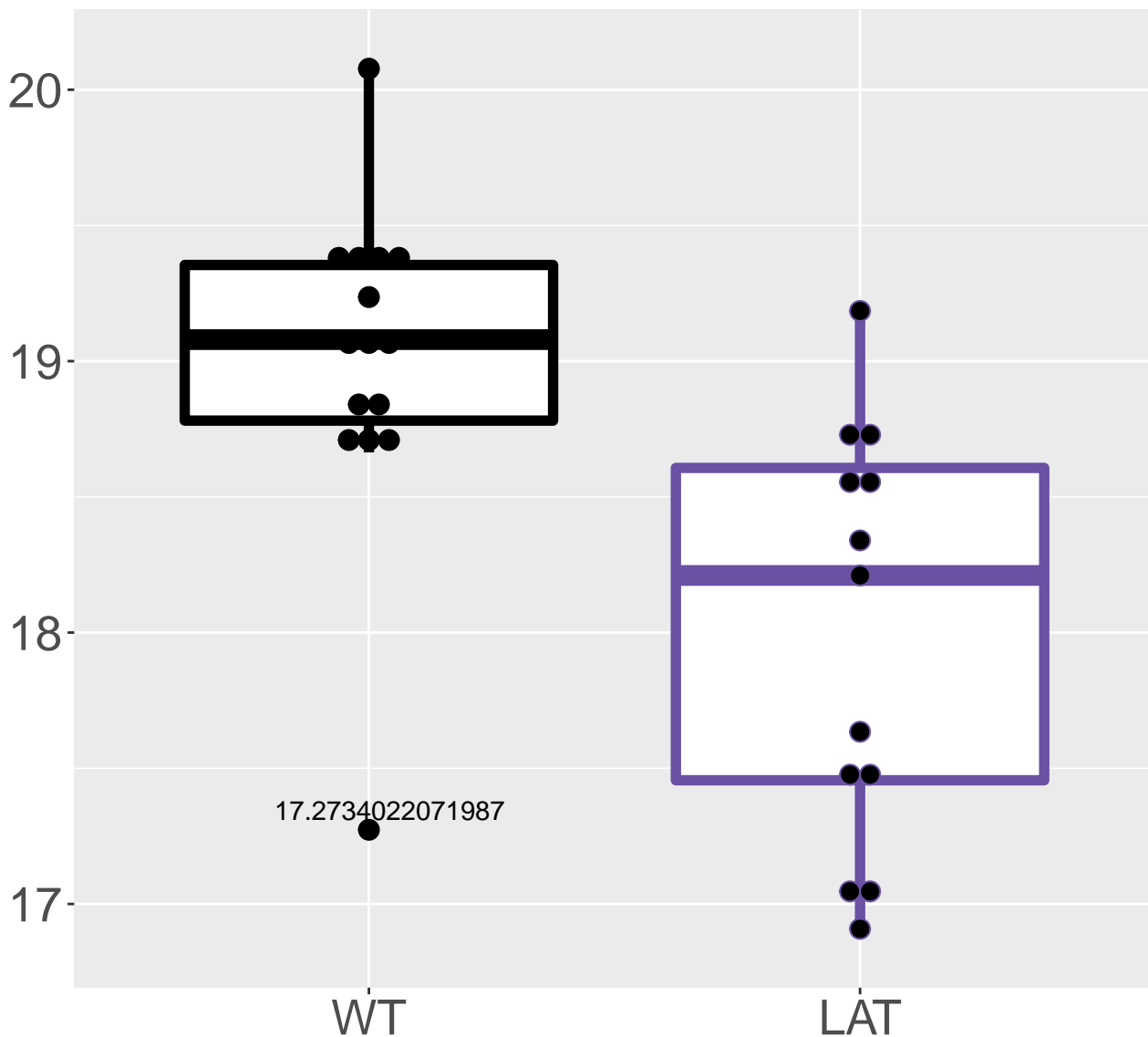


M533.4581T78.49

FDR = 0.0033, FC = -0.78

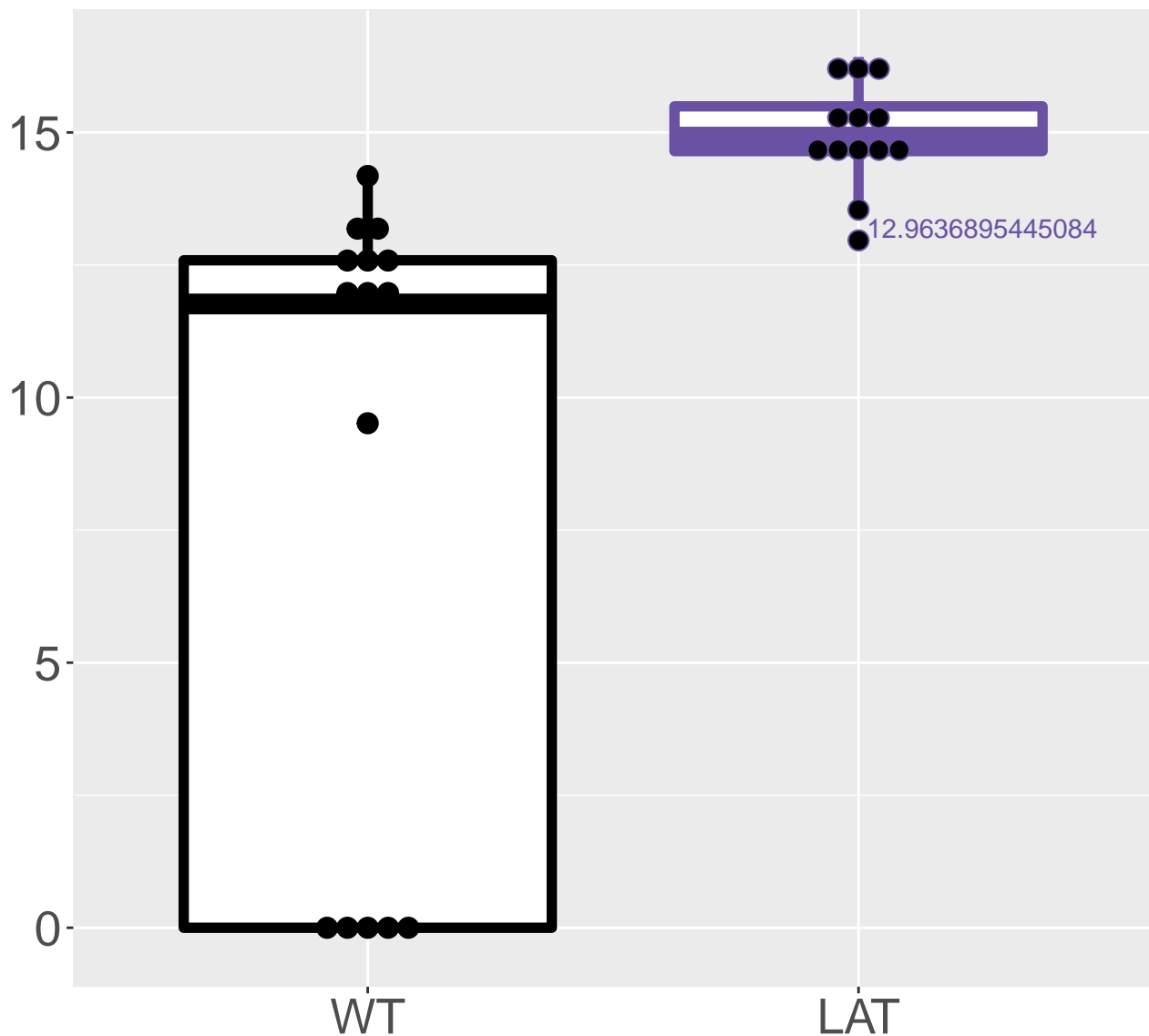


M408.1629T321.51
FDR = 0.0033, FC = -1



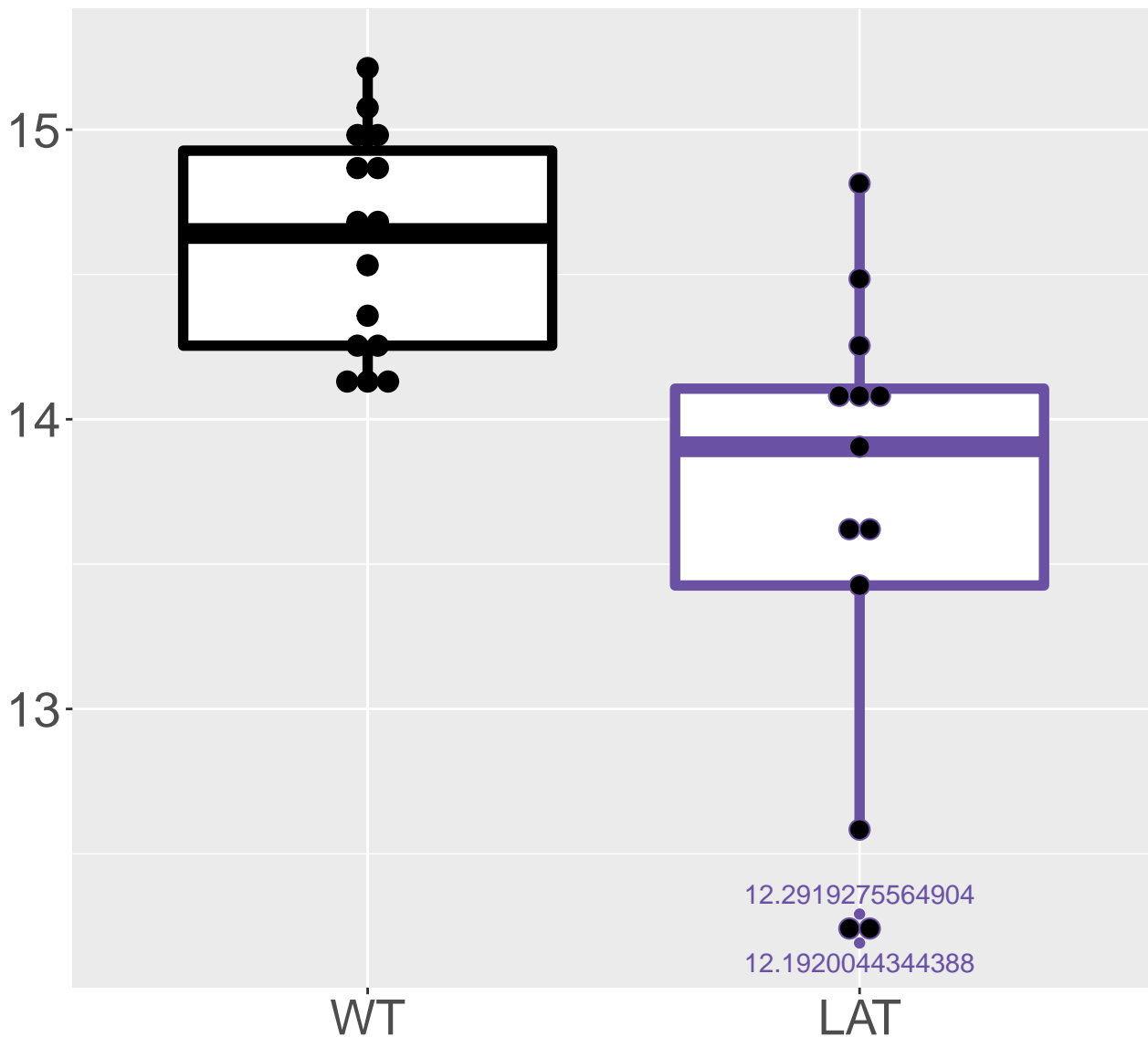
M307.0445T513.38

FDR = 0.0033, FC = 6.7



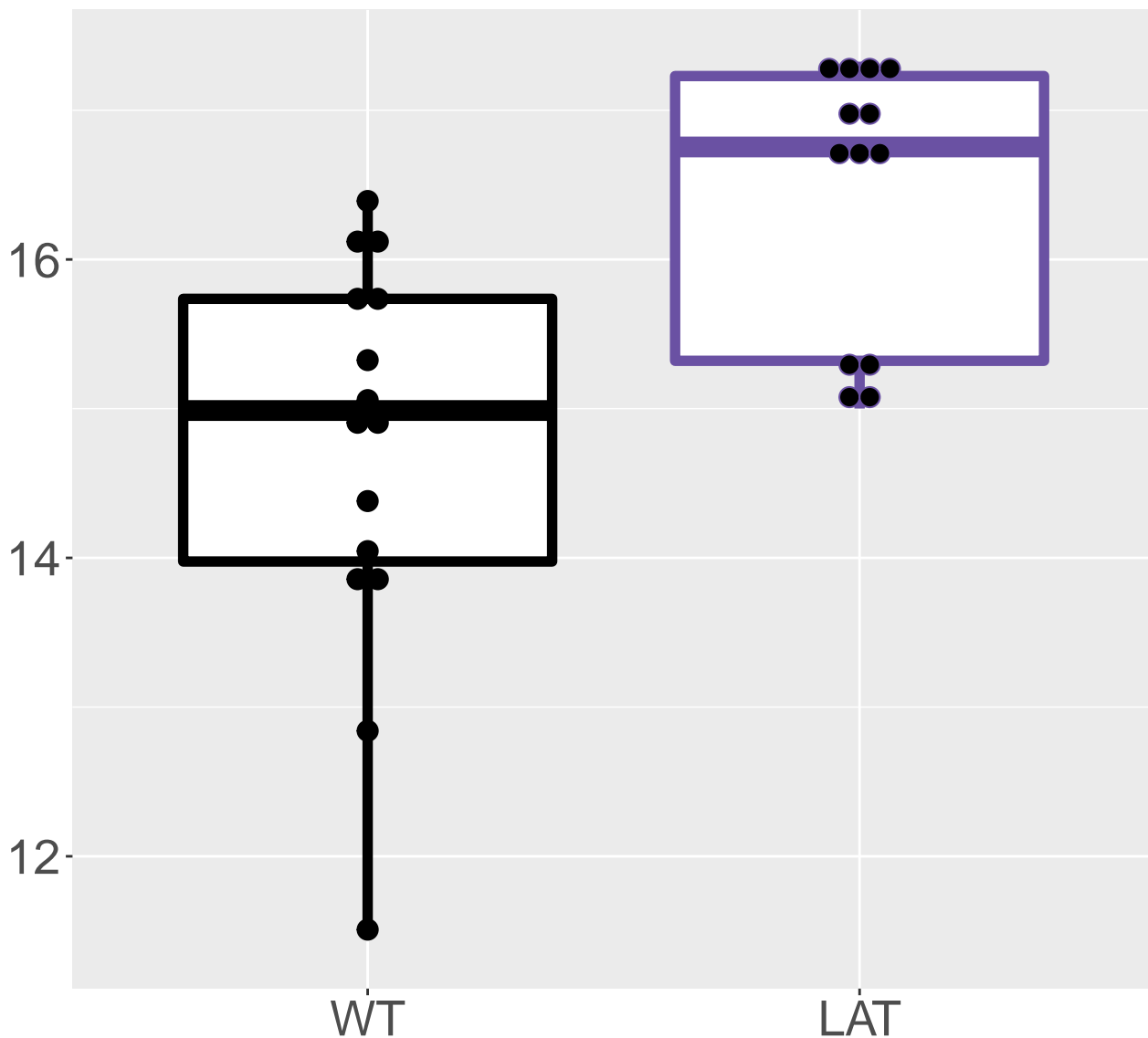
M853.7248T568.64

FDR = 0.0034, FC = -0.96



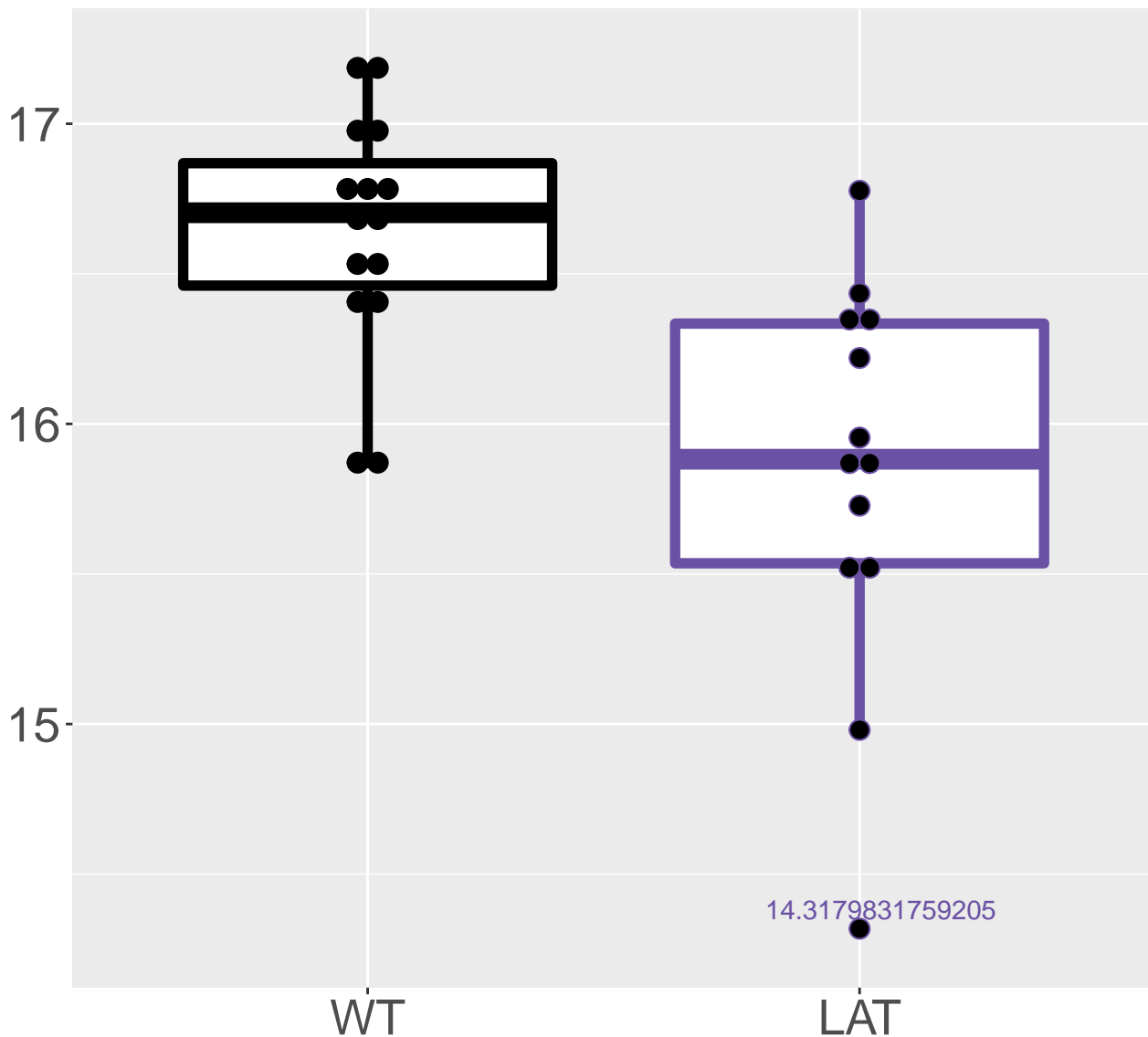
M841.1606T592.13

FDR = 0.0034, FC = 1.7

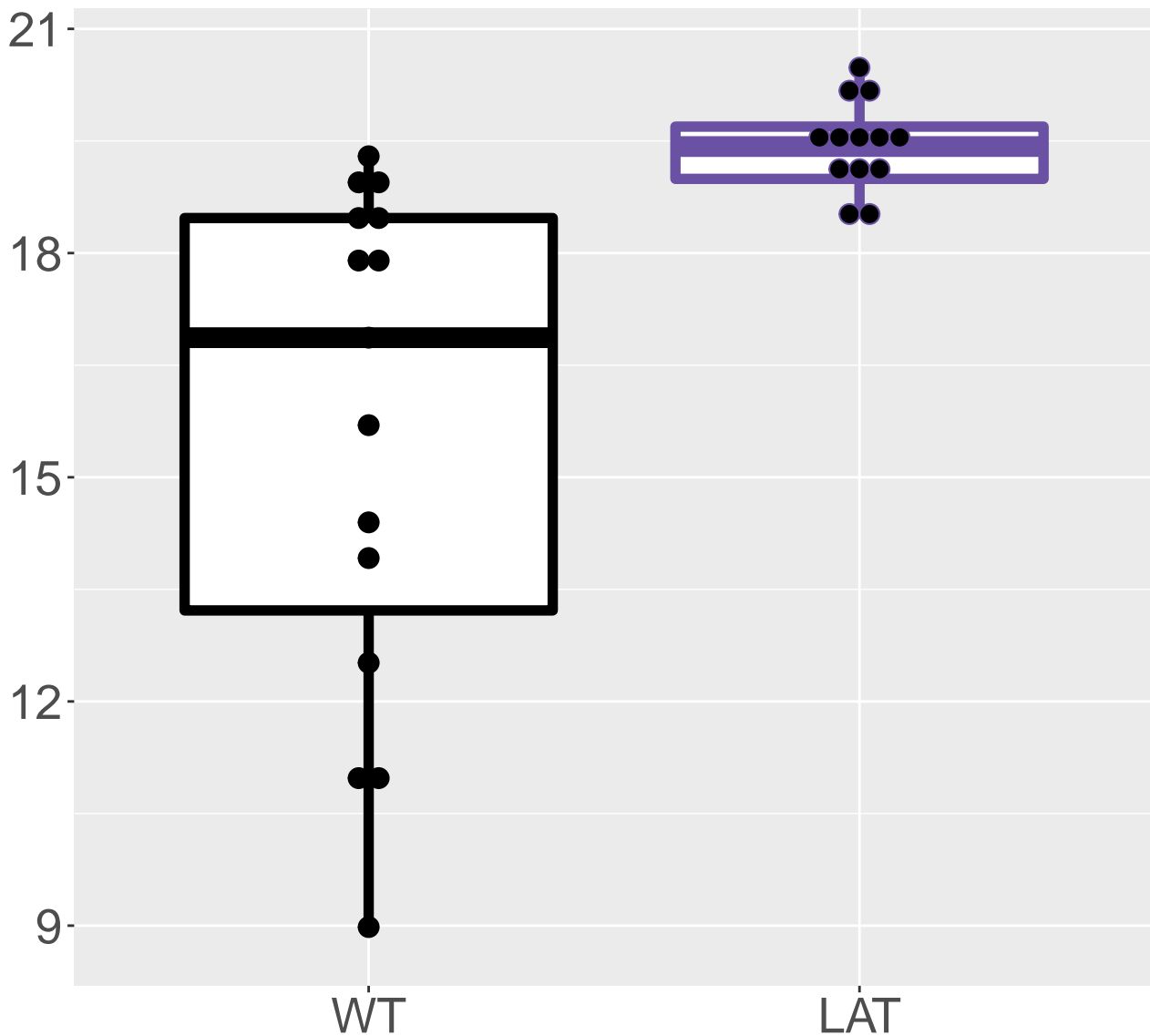


M299.118T443

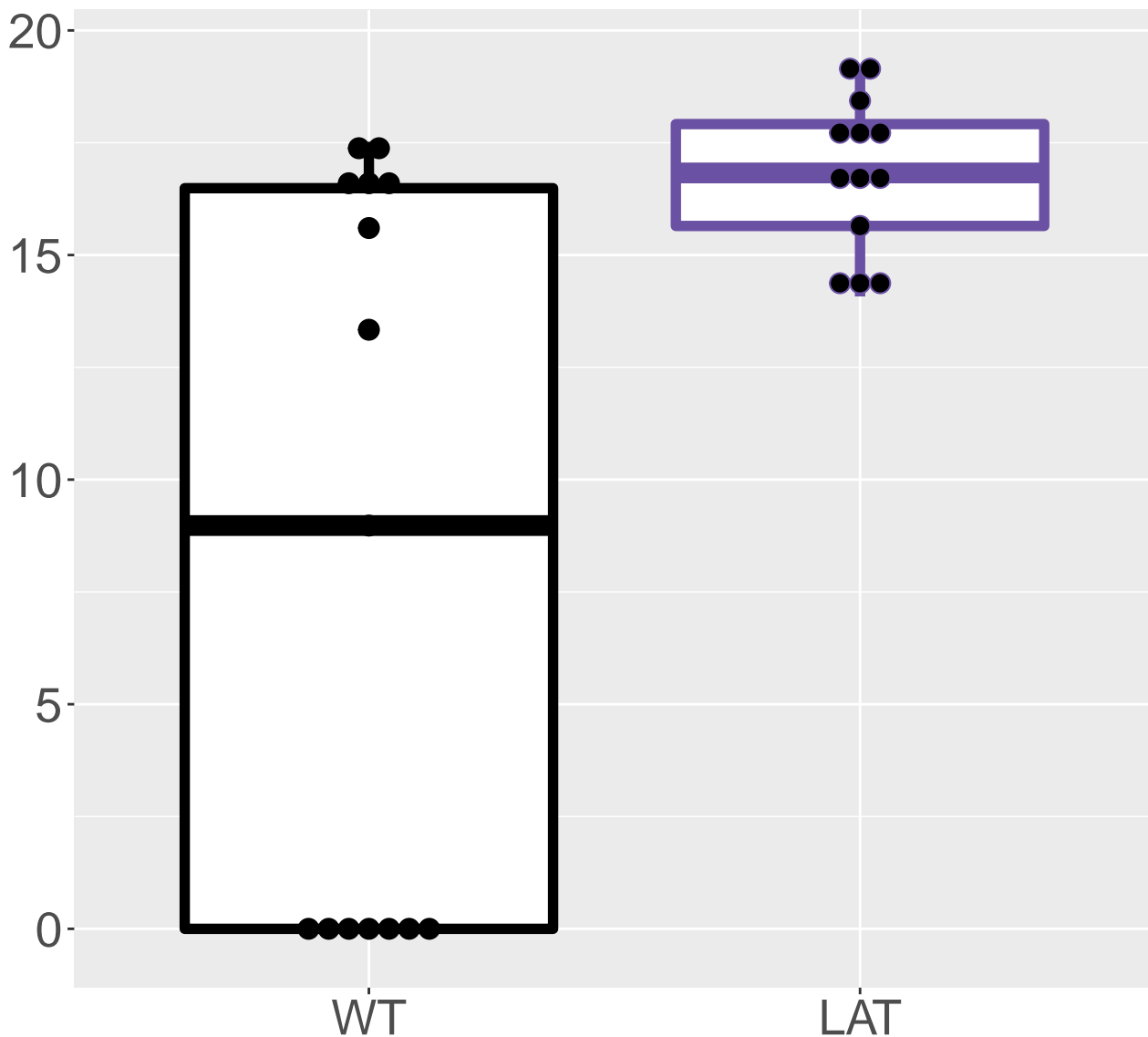
FDR = 0.0034, FC = -0.81



M212.5076T573.82_1
FDR = 0.0034, FC = 3.8

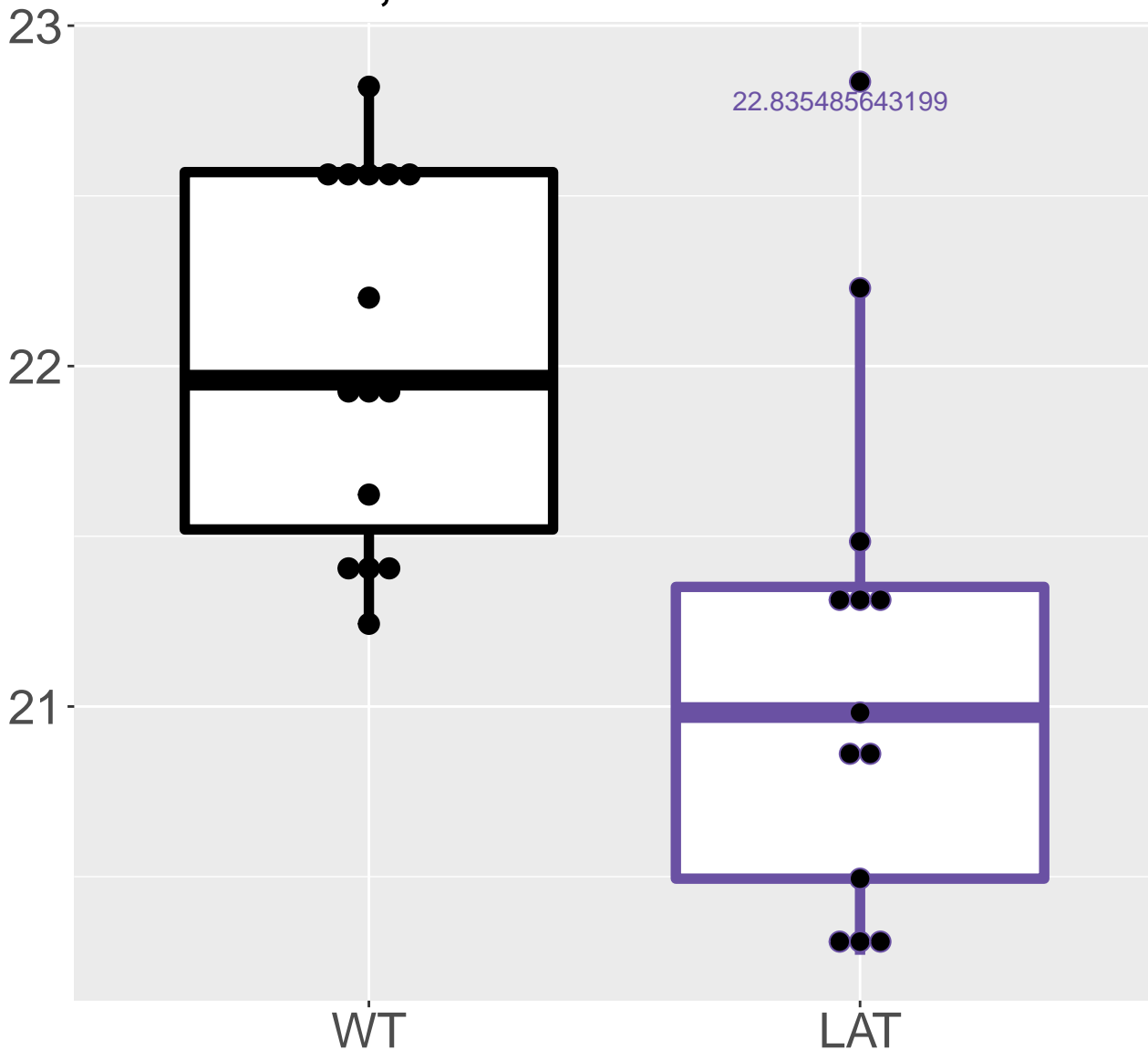


M239.9976T97.8
FDR = 0.0034, FC = 8.6



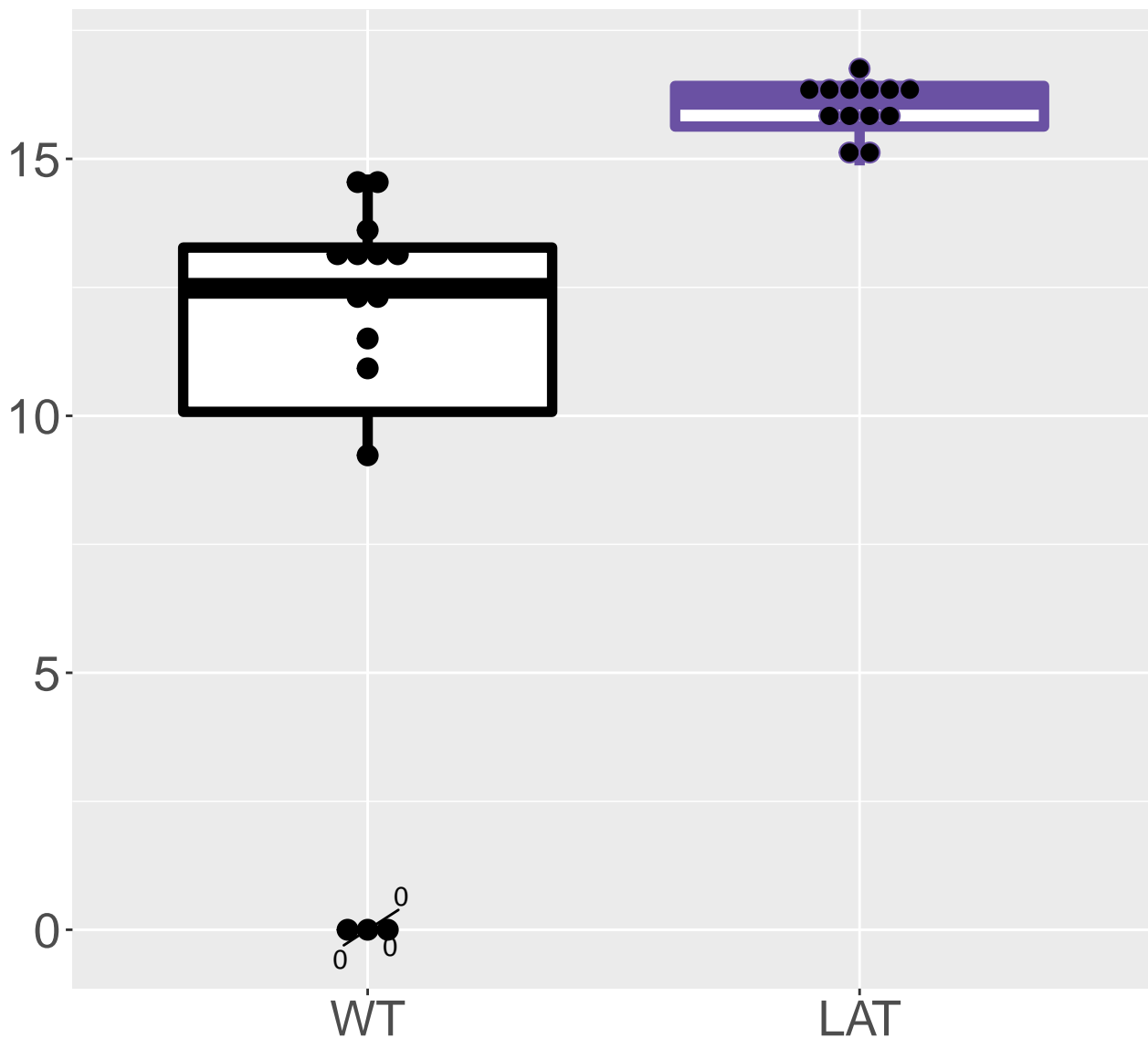
M278.0884T287.23

FDR = 0.0034, FC = -0.92

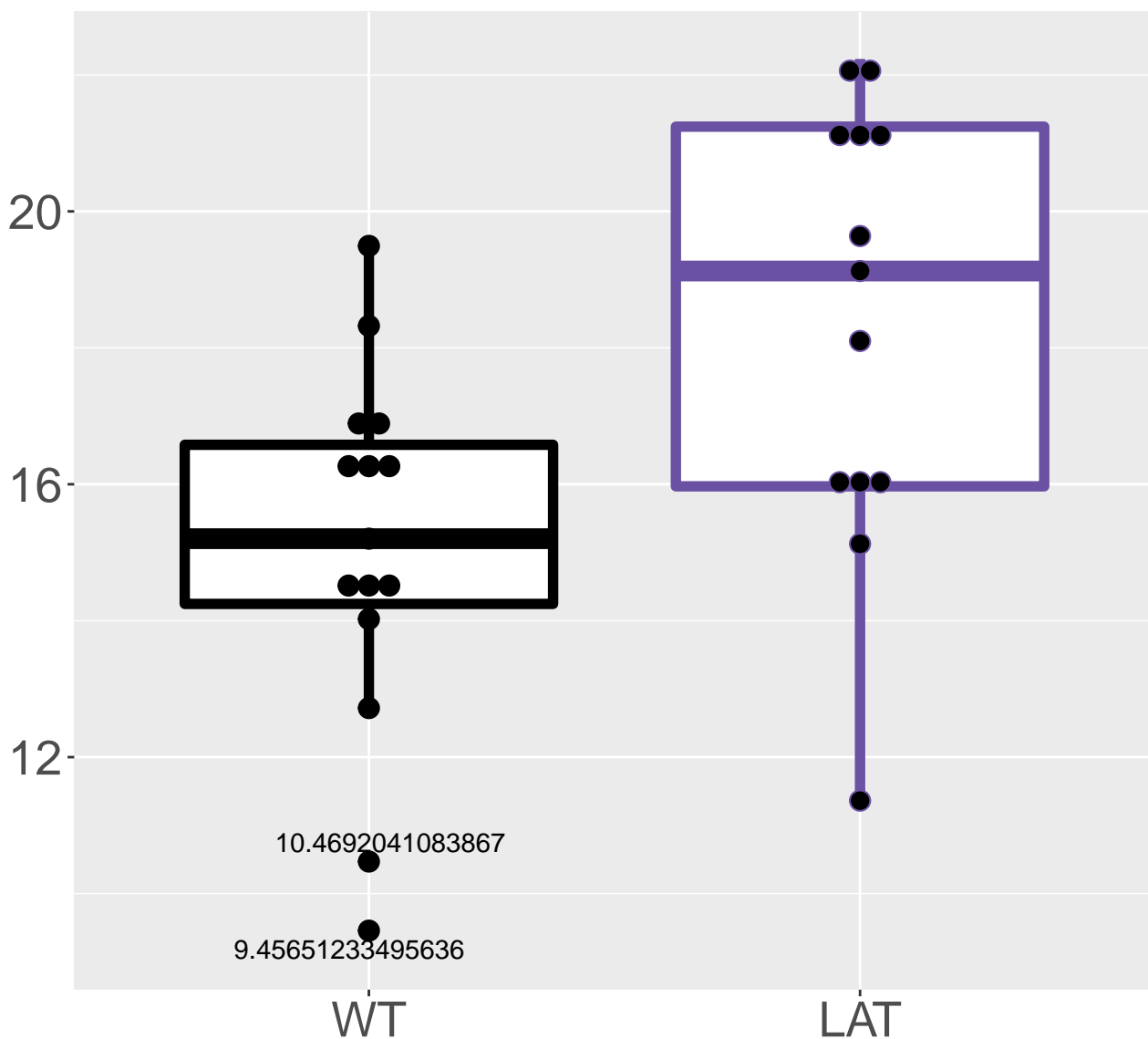


M362.0497T526.9

FDR = 0.0035, FC = 5.9

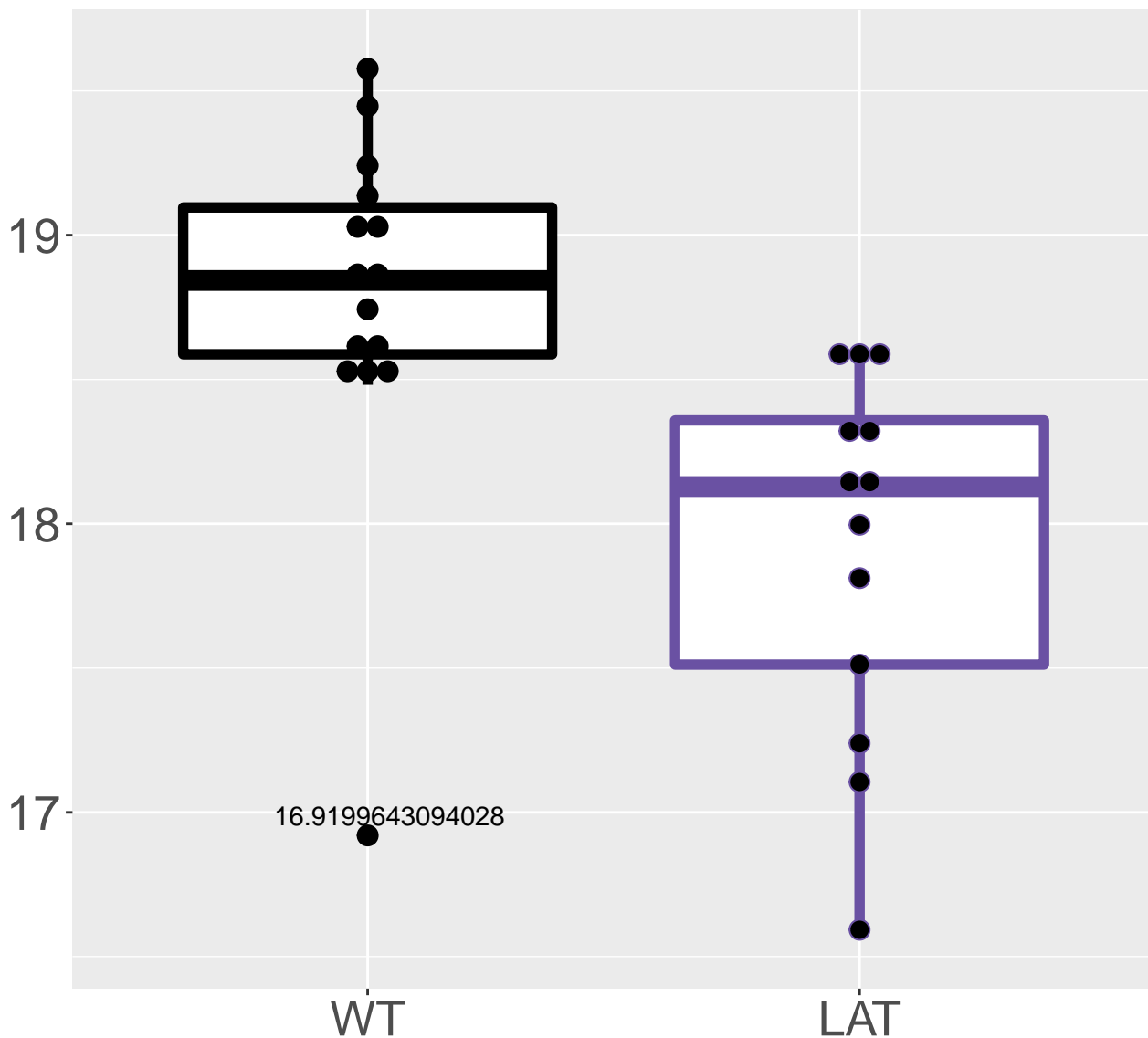


Dihydroxyacetone phosphate;glycerone phosph
FDR = 0.0035, FC = 3.3, sex***



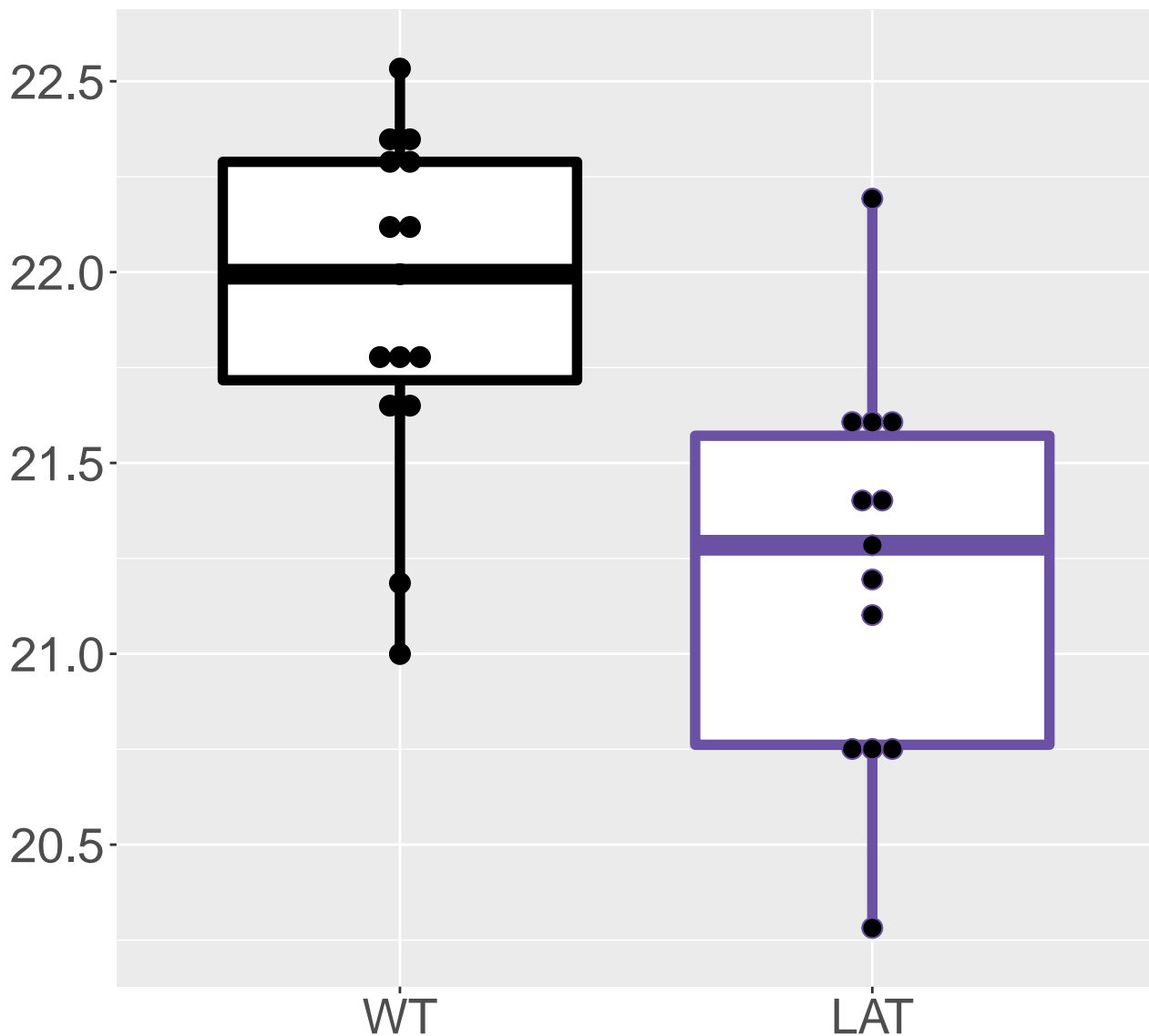
M460.1678T469.68

FDR = 0.0036, FC = -0.86

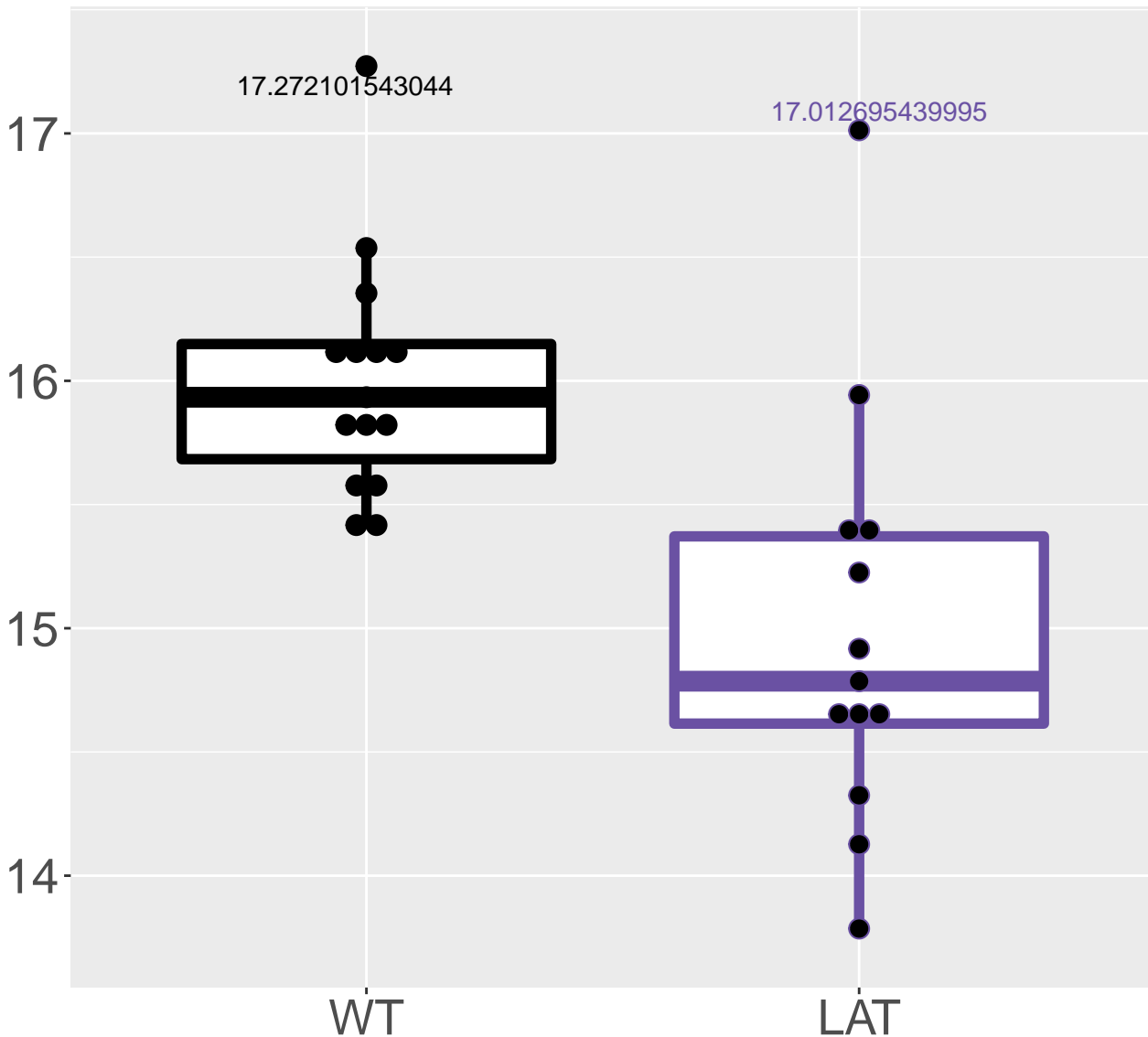


M281.0882T537.14

FDR = 0.0036, FC = -0.7

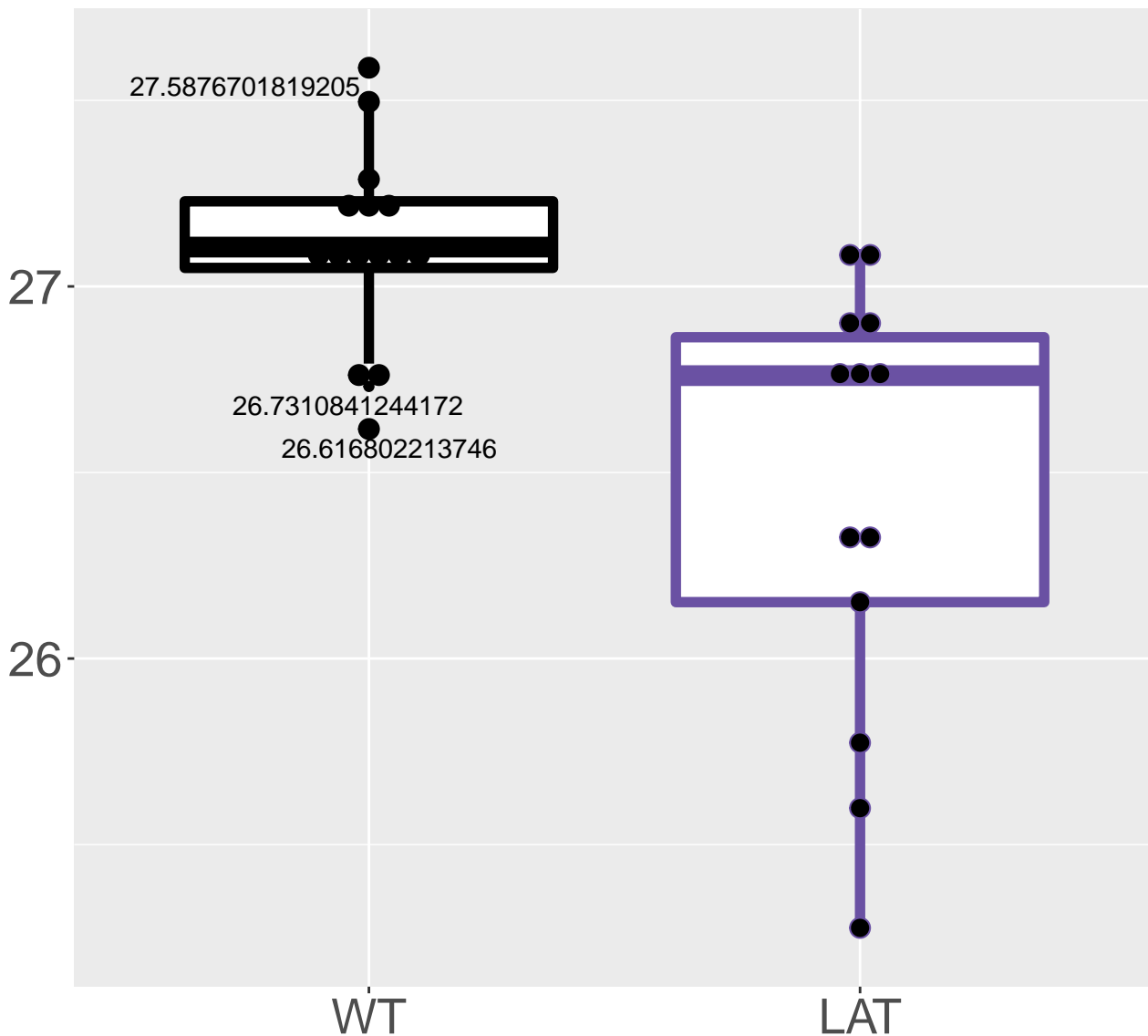


M900.7925T682.76
FDR = 0.0036, FC = -1



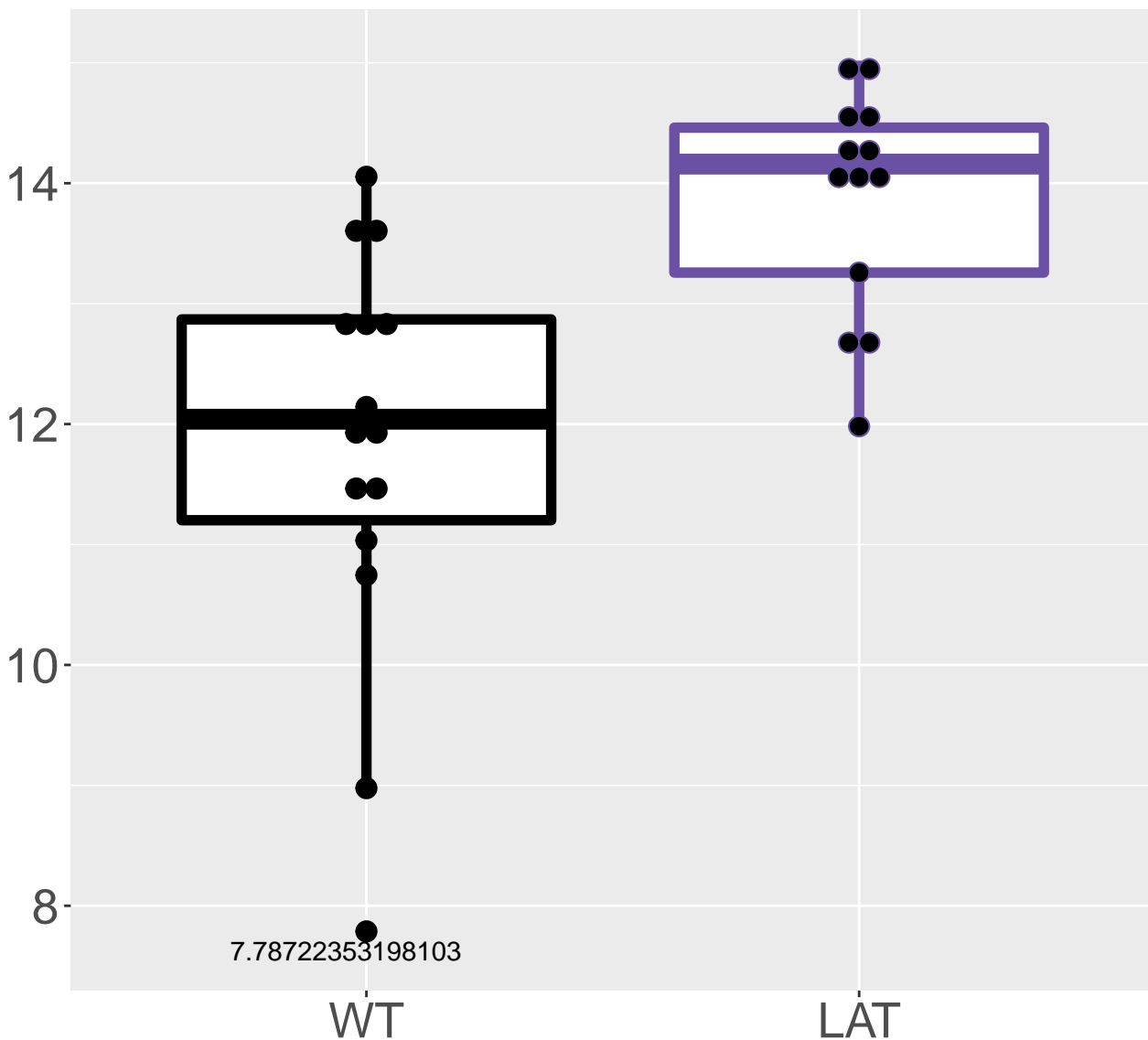
Hypoxanthine;6-Oxopurine

FDR = 0.0036, FC = -0.67

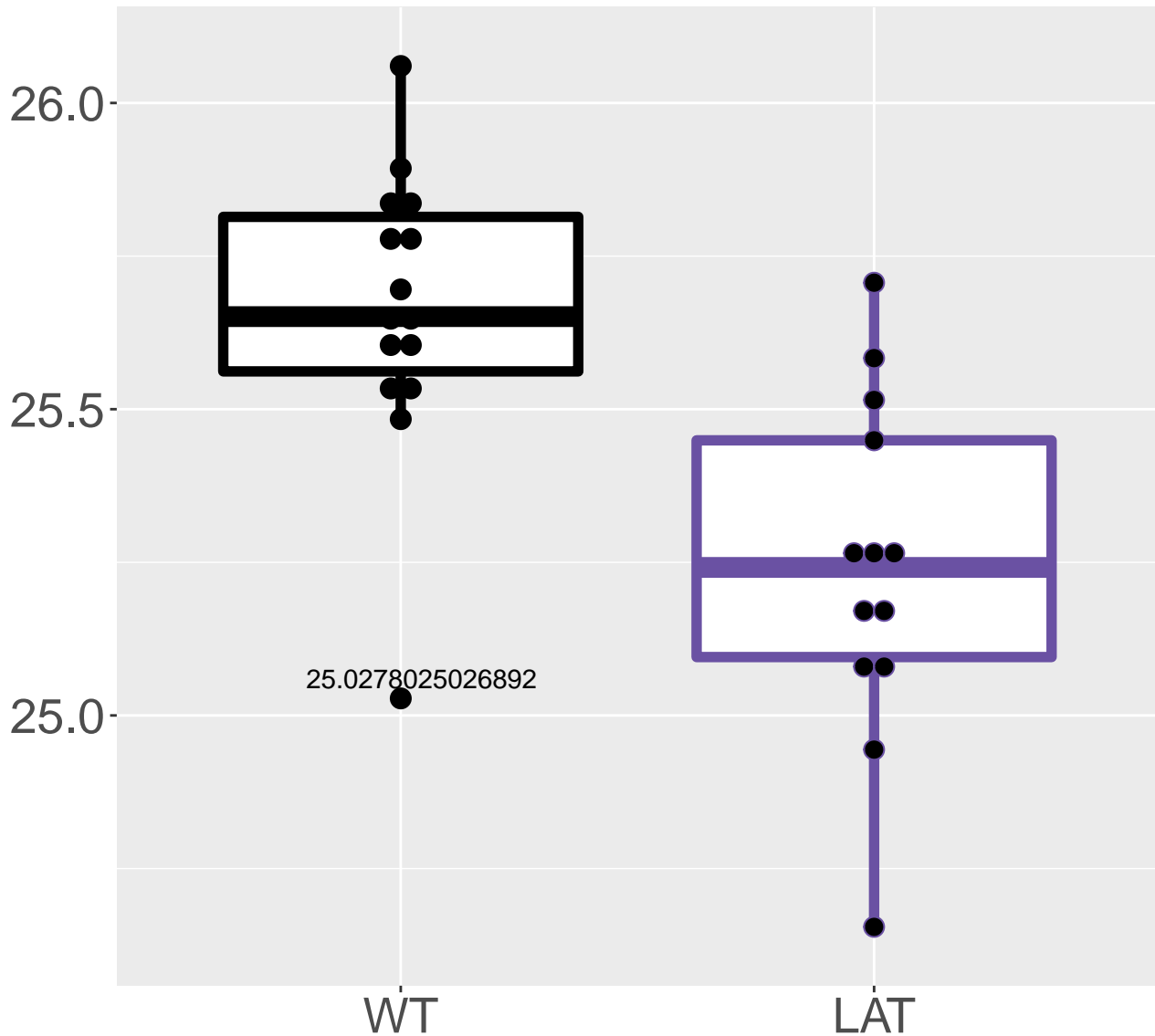


M159.9856T625.28

FDR = 0.0037, FC = 2

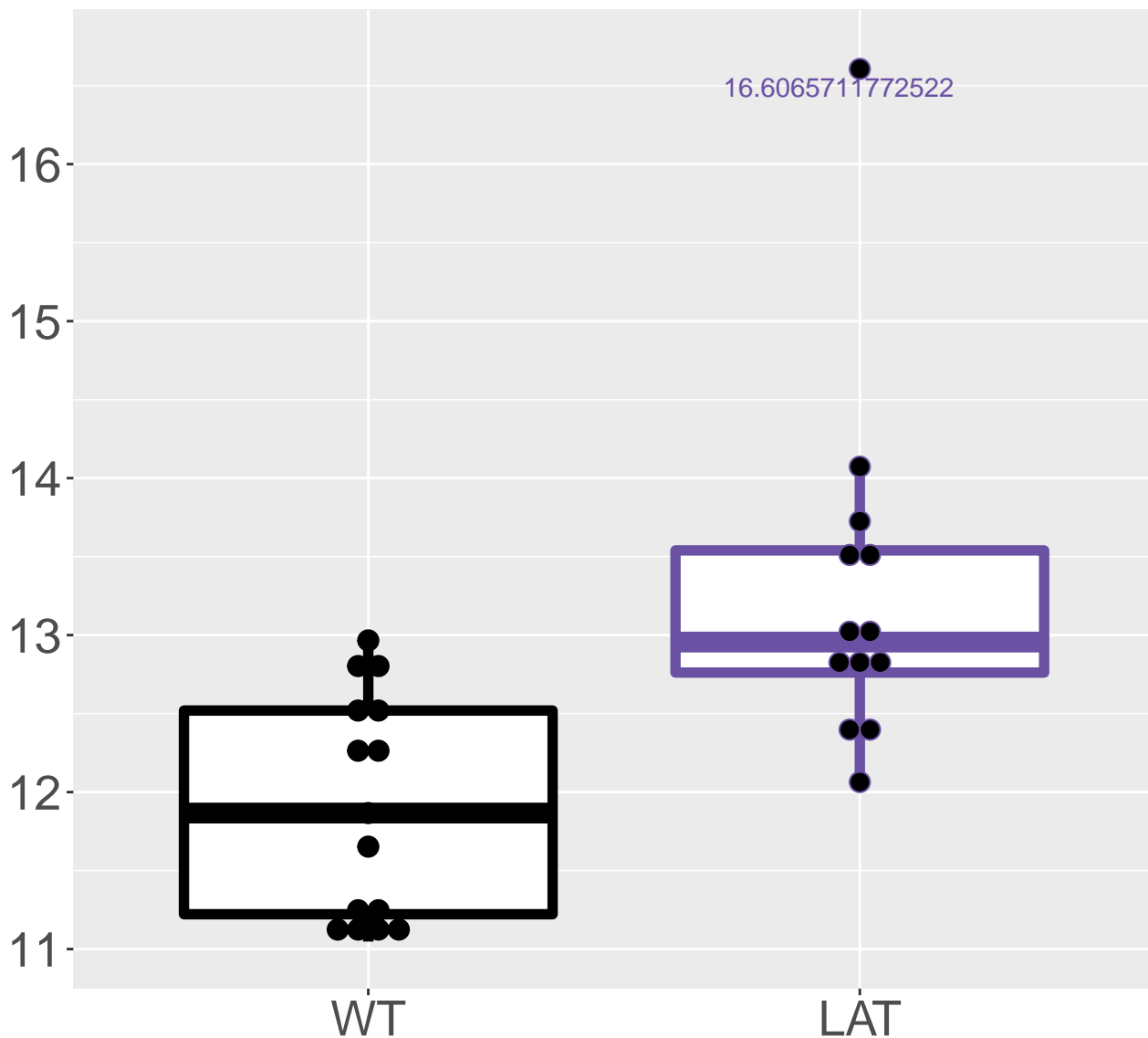


L-Tyrosine;Tyrosine|3-Amino-3-(4-hydroxyp
FDR = 0.0037, FC = -0.42



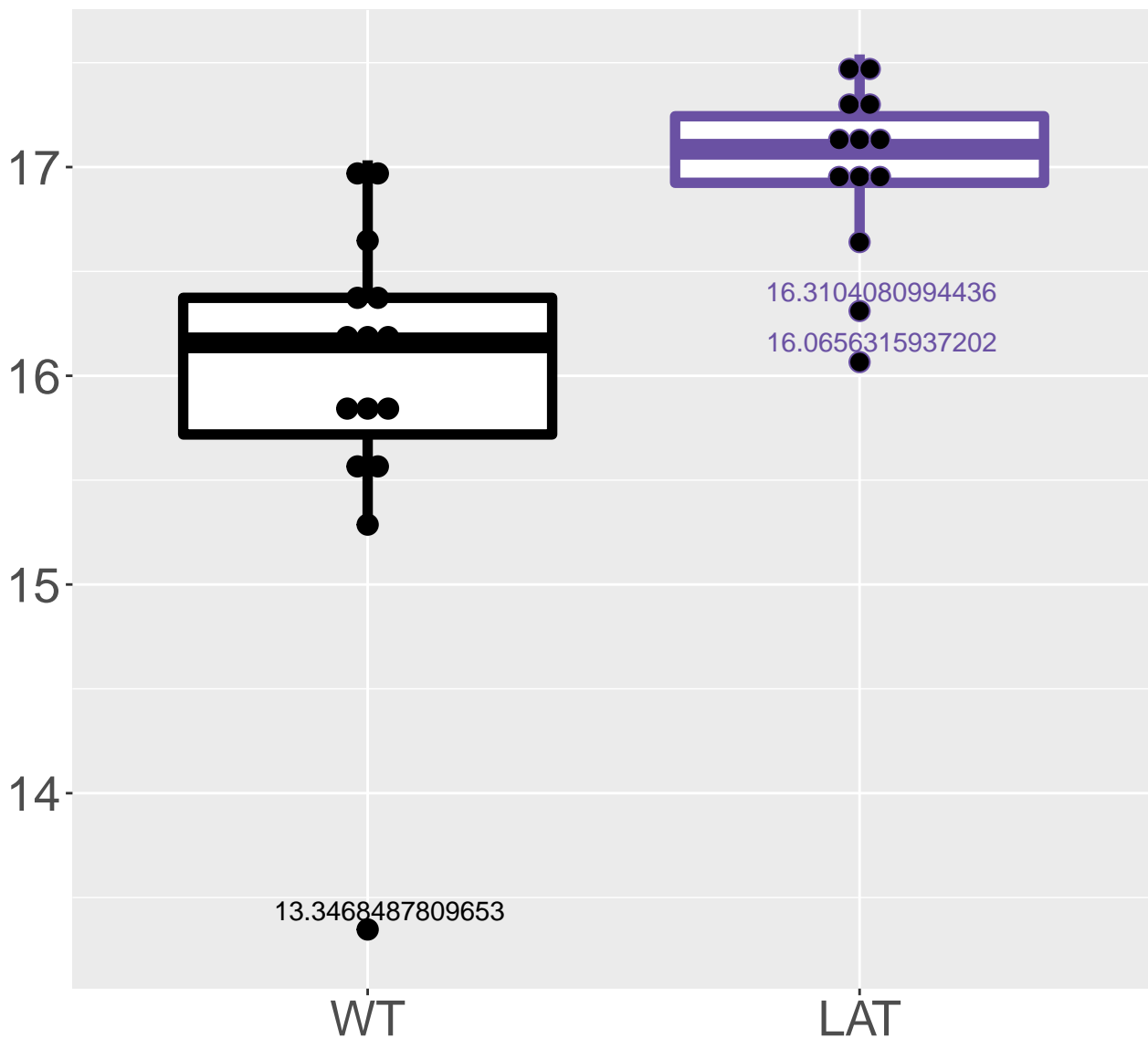
M320.0627T655.6

FDR = 0.0037, FC = 1.4

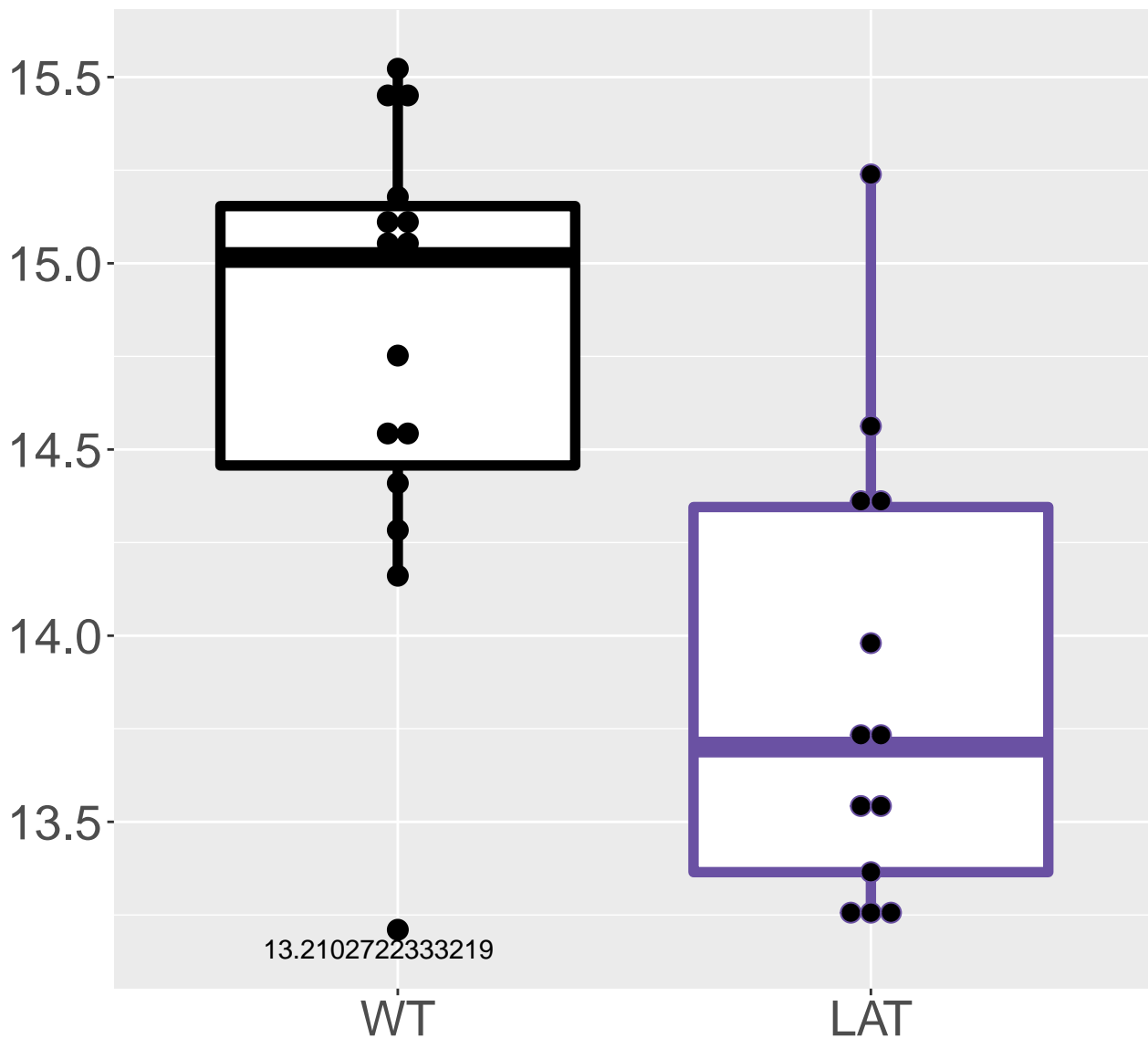


M385.1107T369.09

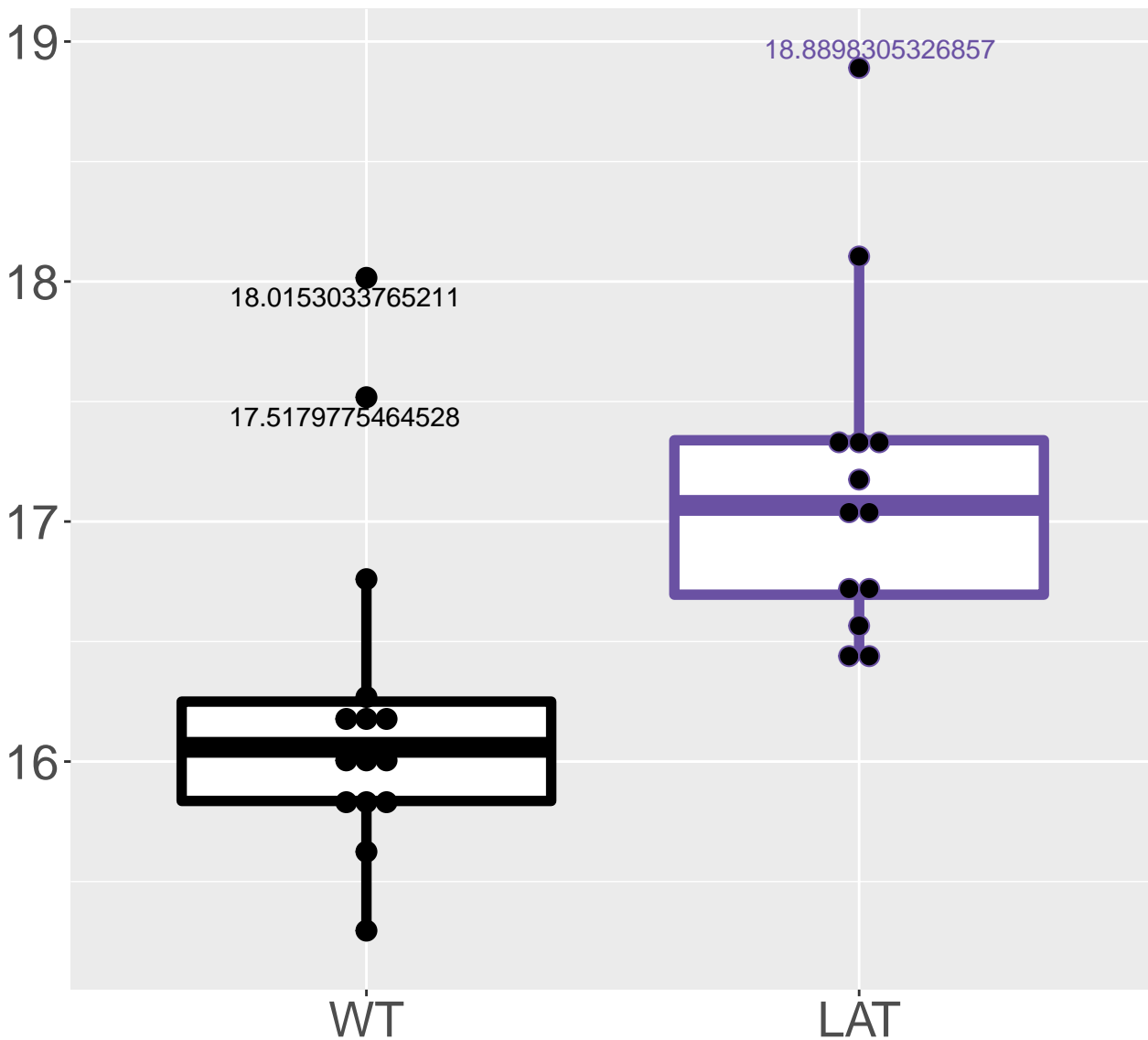
FDR = 0.0037, FC = 1



FDR = 0.0037, FC = -0.93

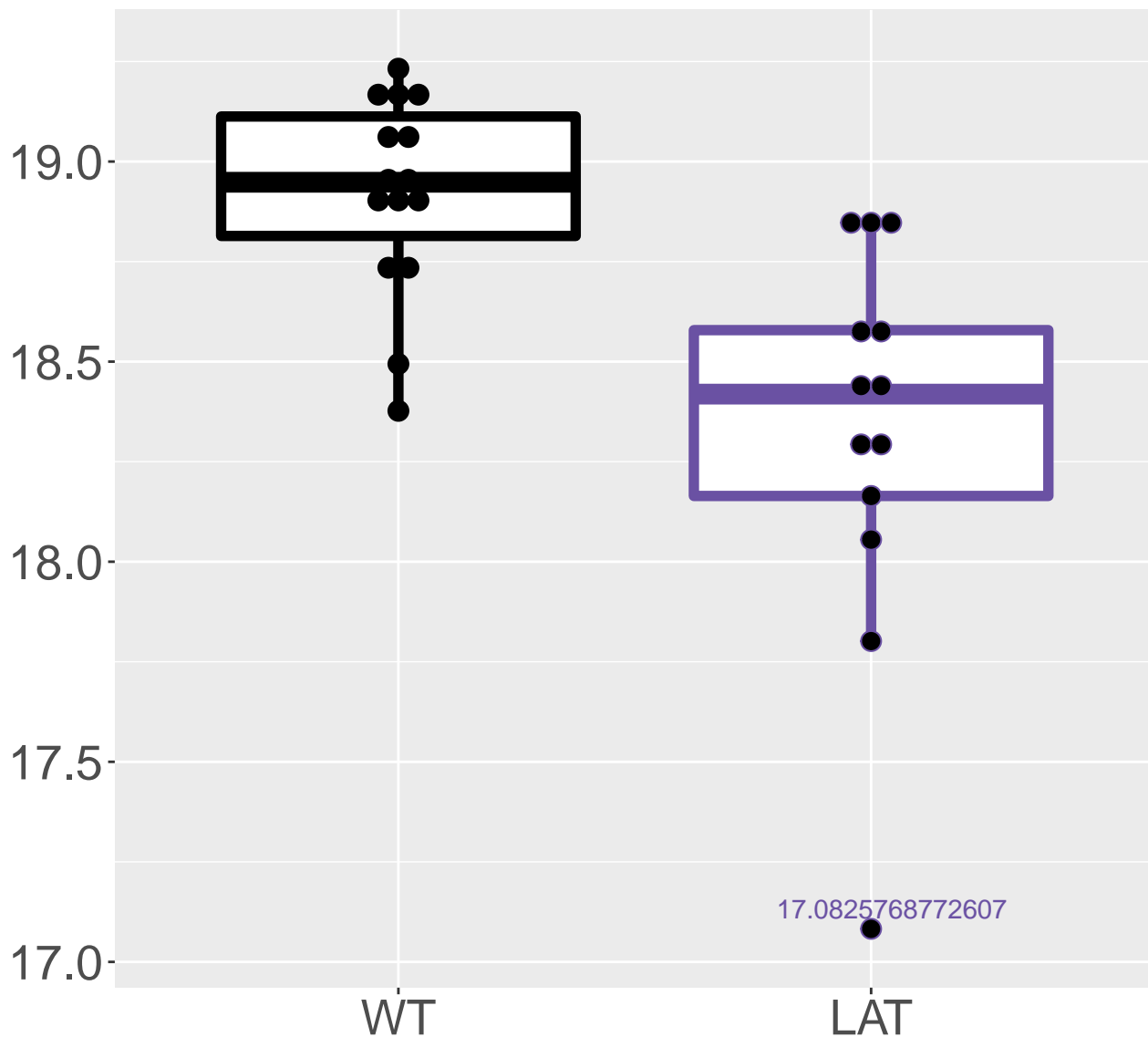


M793.2025T565.57
FDR = 0.0037, FC = 0.93



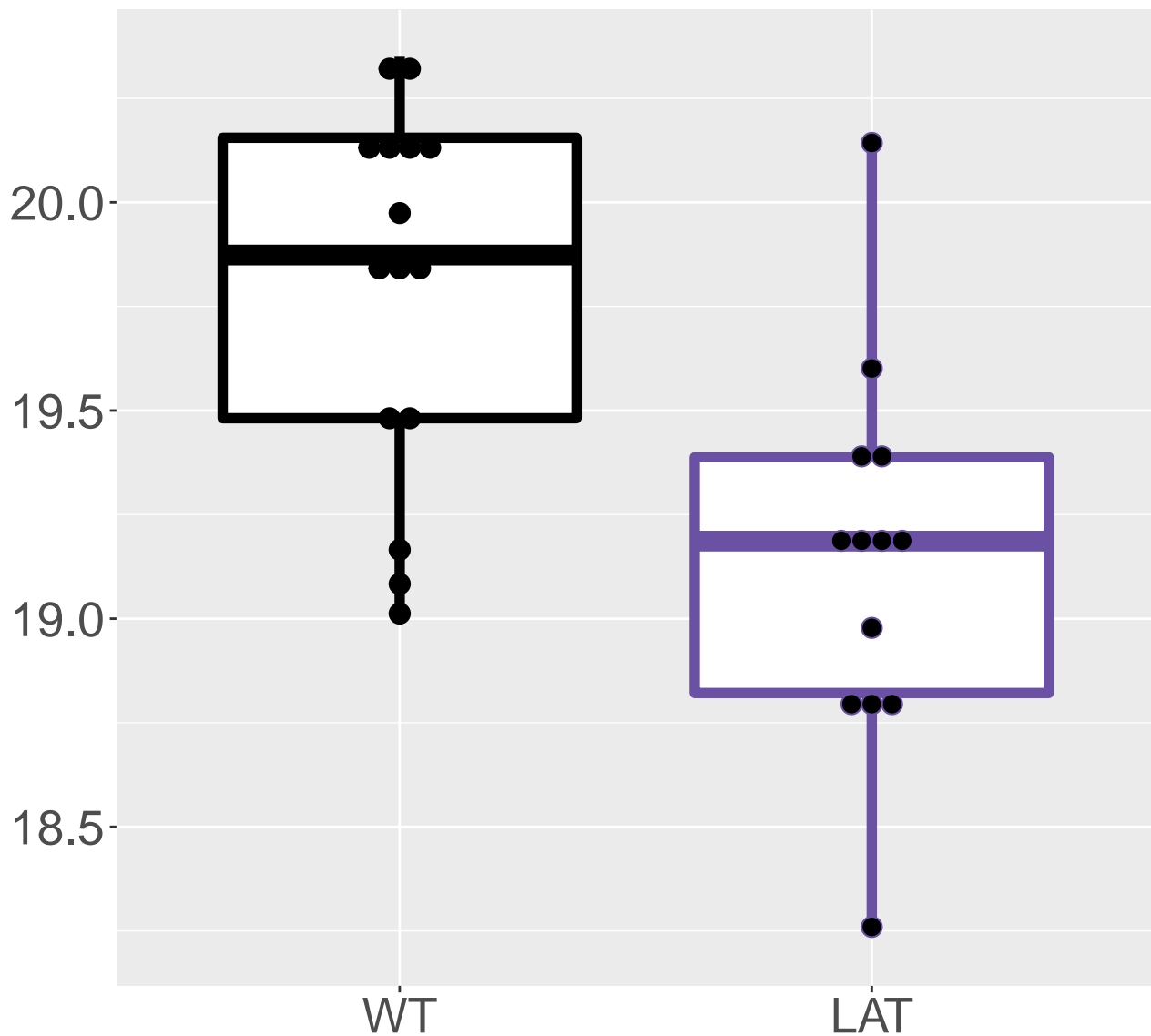
M132.0915T217.23

FDR = 0.0037, FC = -0.59



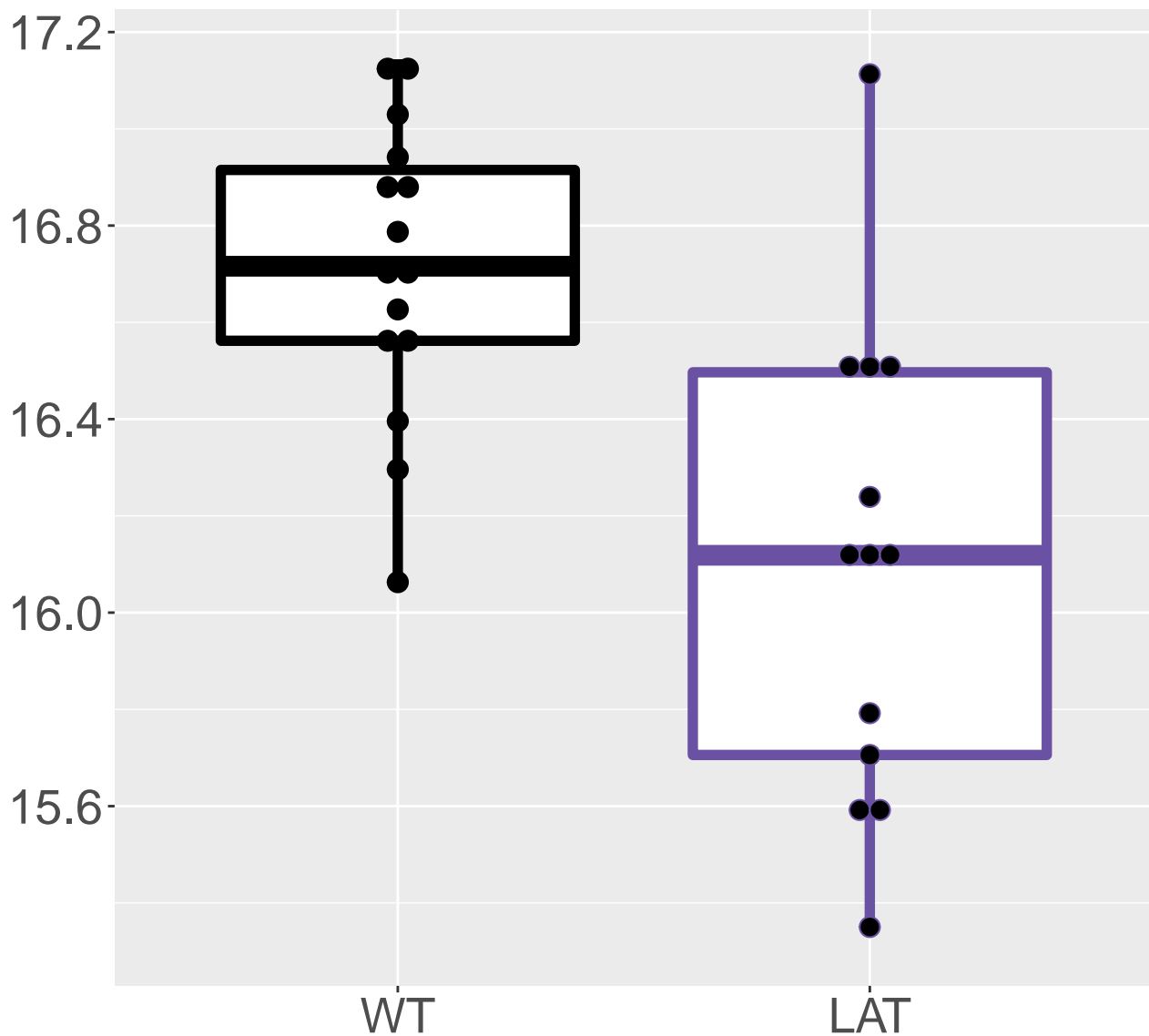
M323.0988T537.17

FDR = 0.0037, FC = -0.65

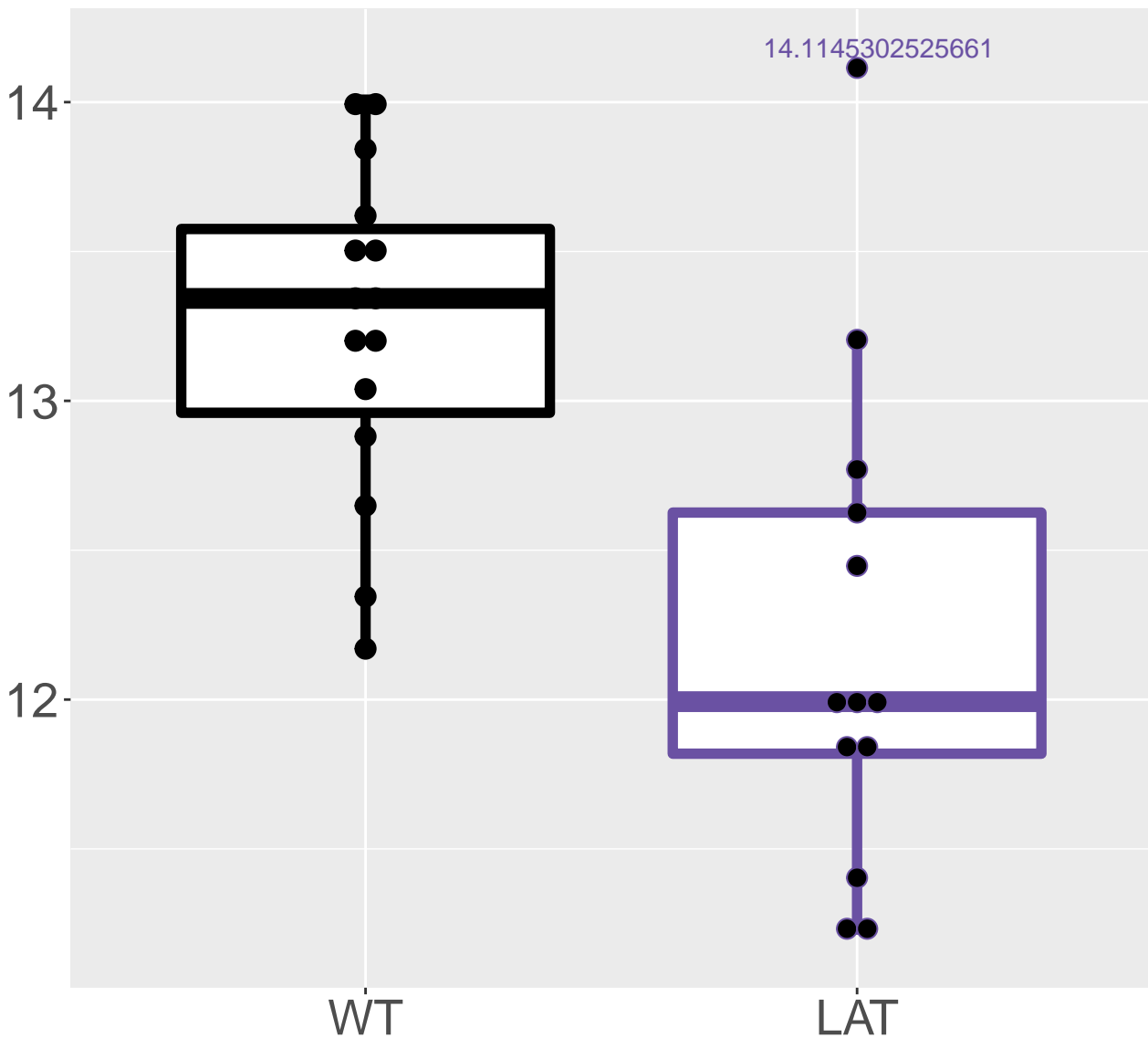


M973.2939T603.17_2

FDR = 0.0037, FC = -0.62

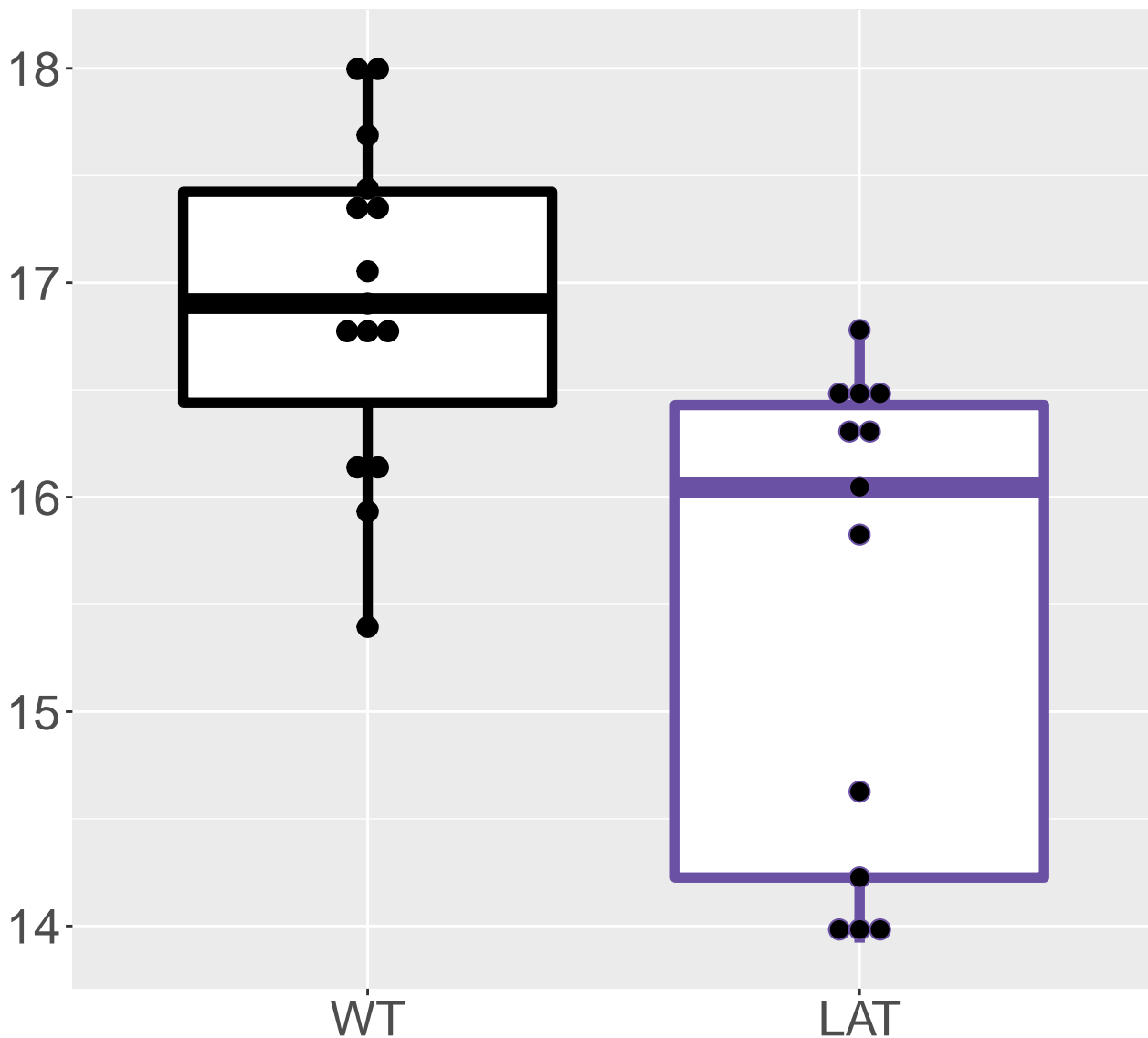


M536.1678T650.94
FDR = 0.0038, FC = -1

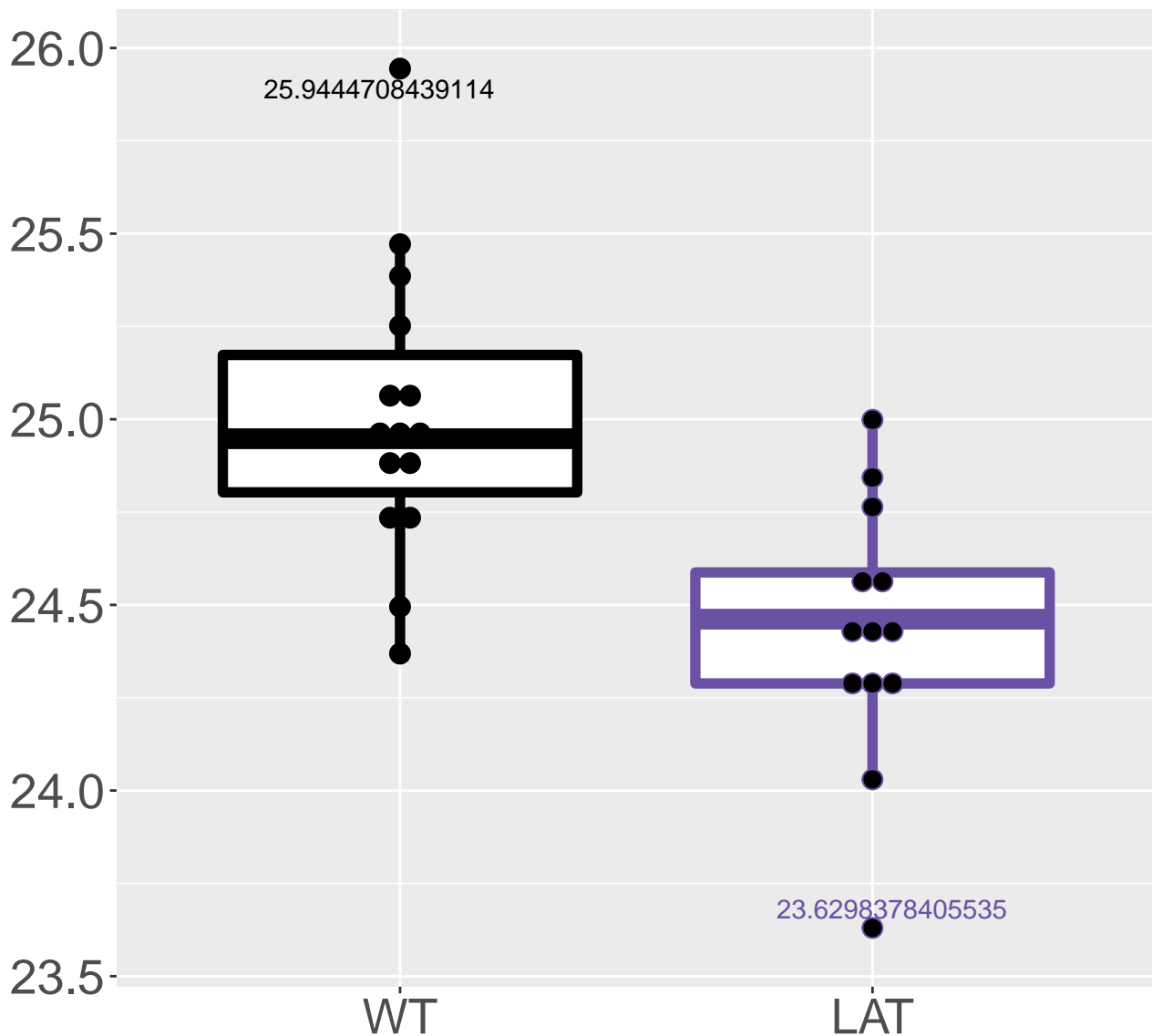


M149.0333T539.24

FDR = 0.0039, FC = -1.4

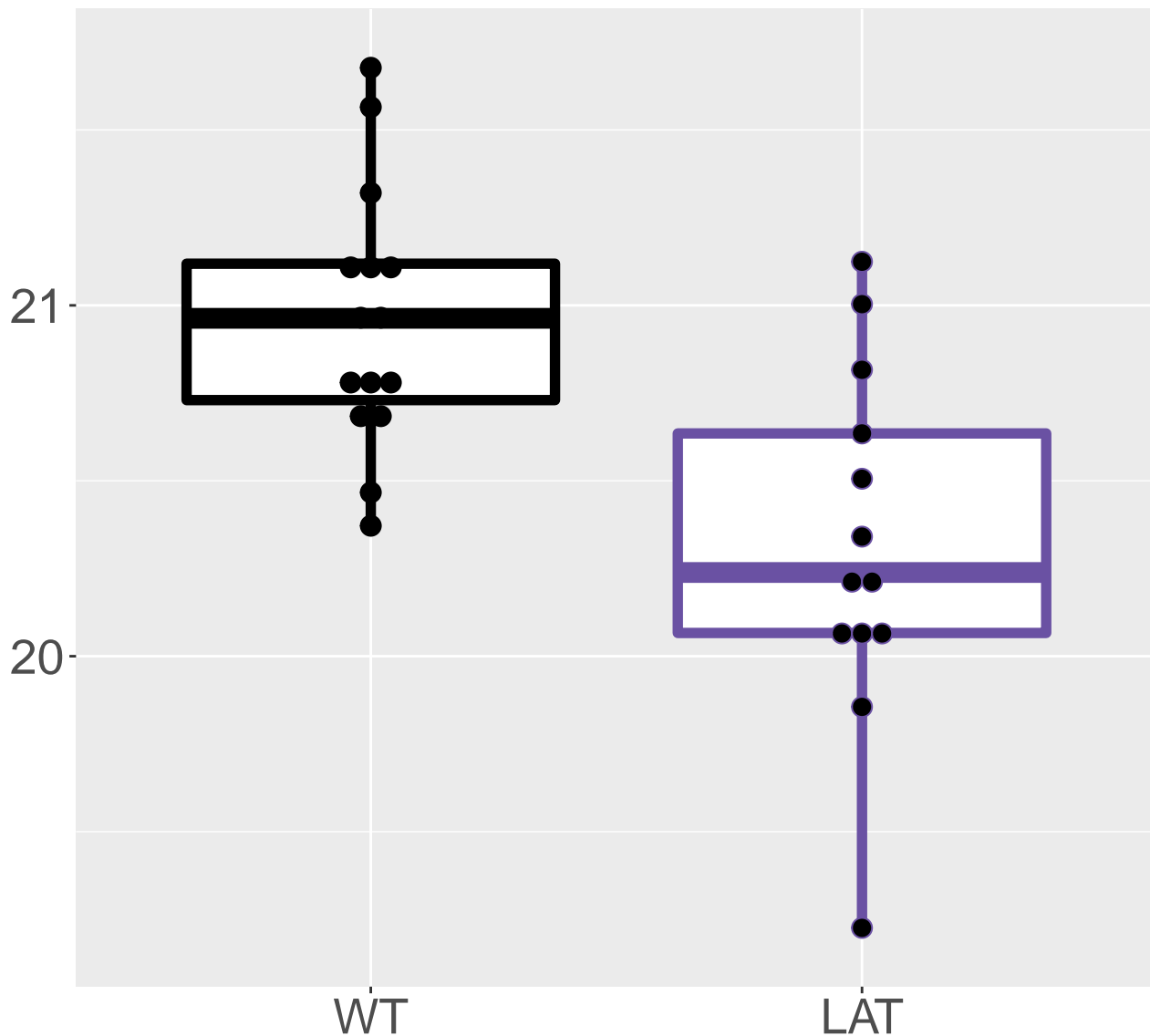


L-Proline;Proline
FDR = 0.0039, FC = -0.58

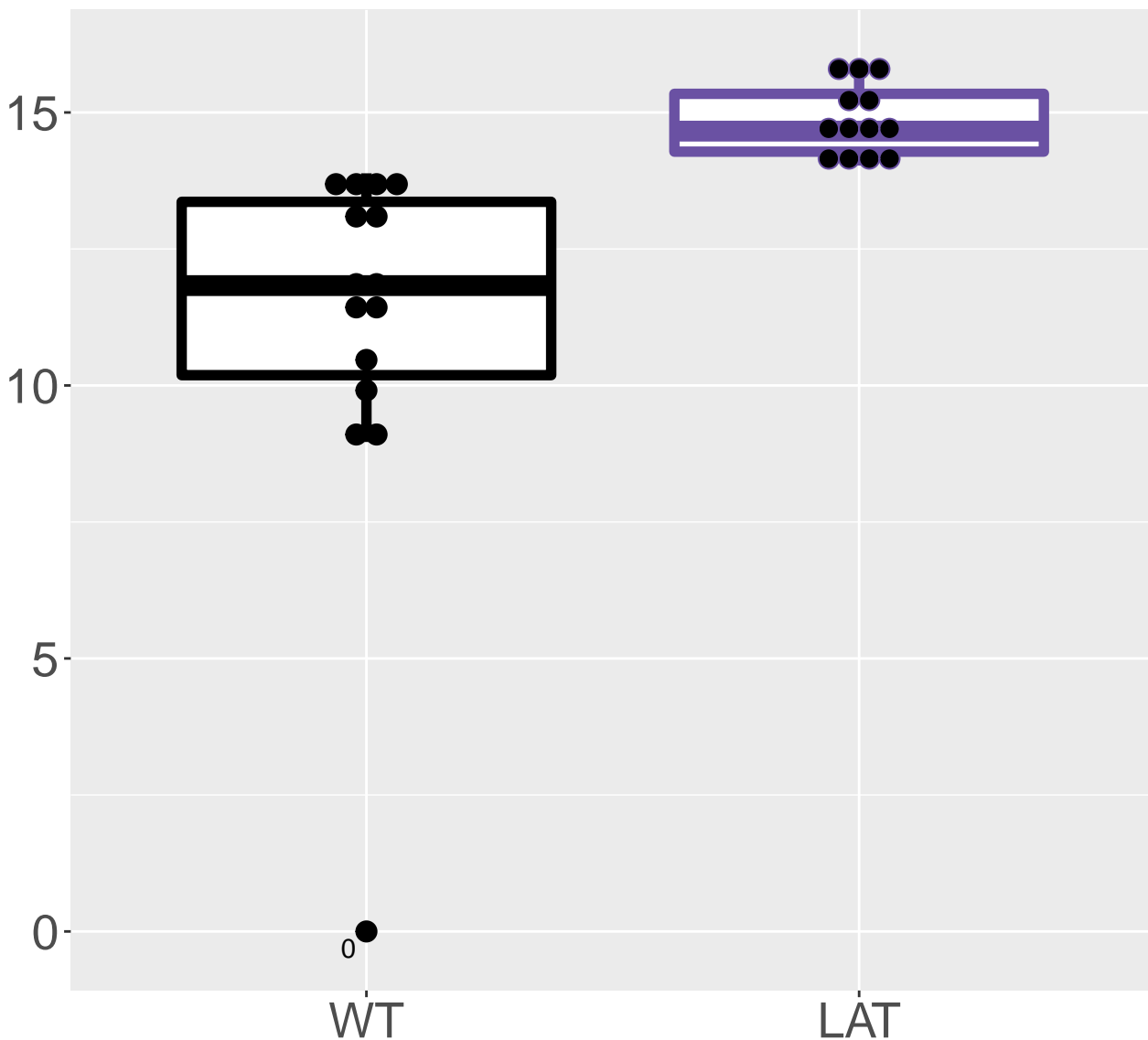


M635.0401T547.43

FDR = 0.0039, FC = -0.64

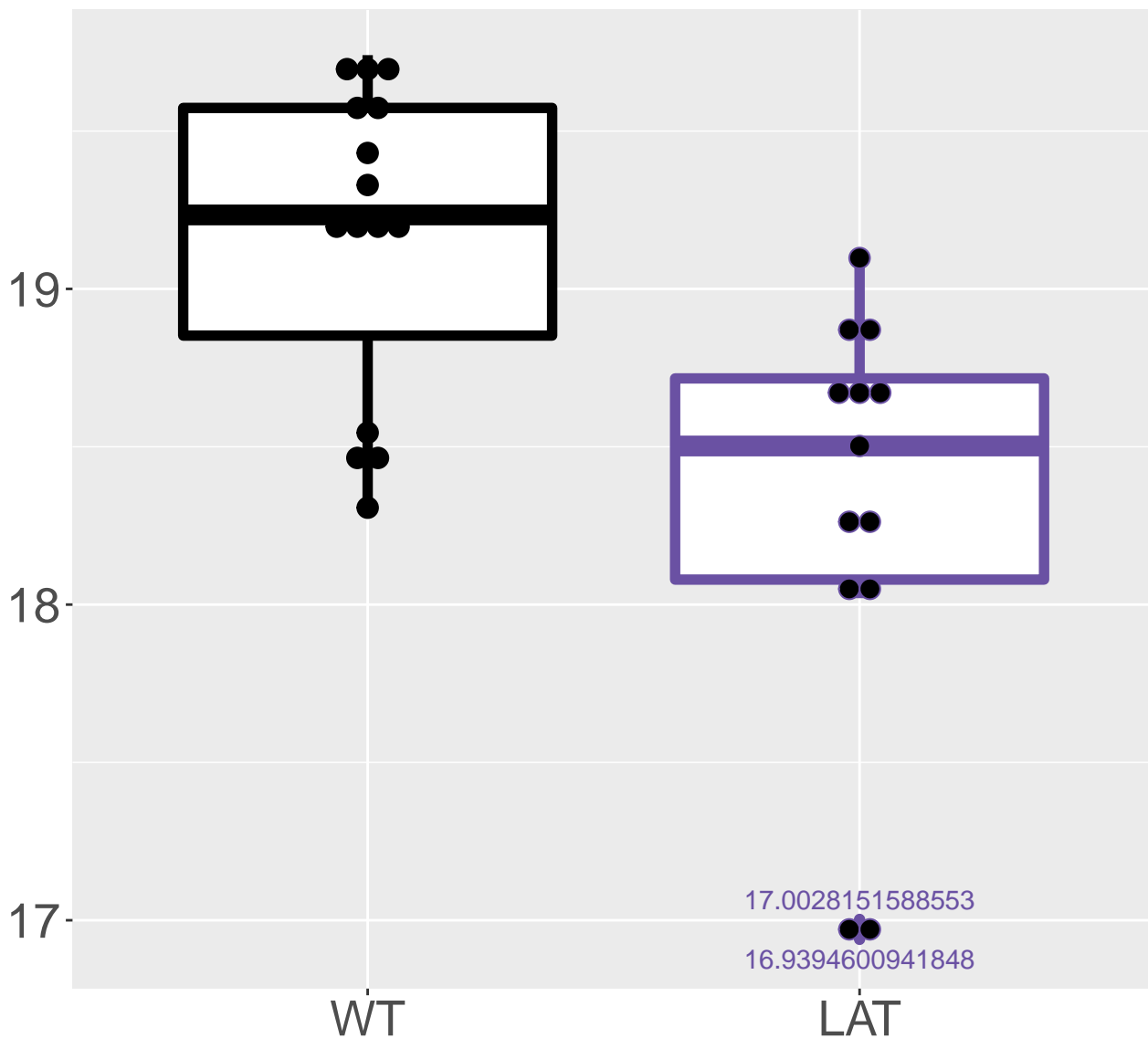


FDR = 0.004, FC = 3.8

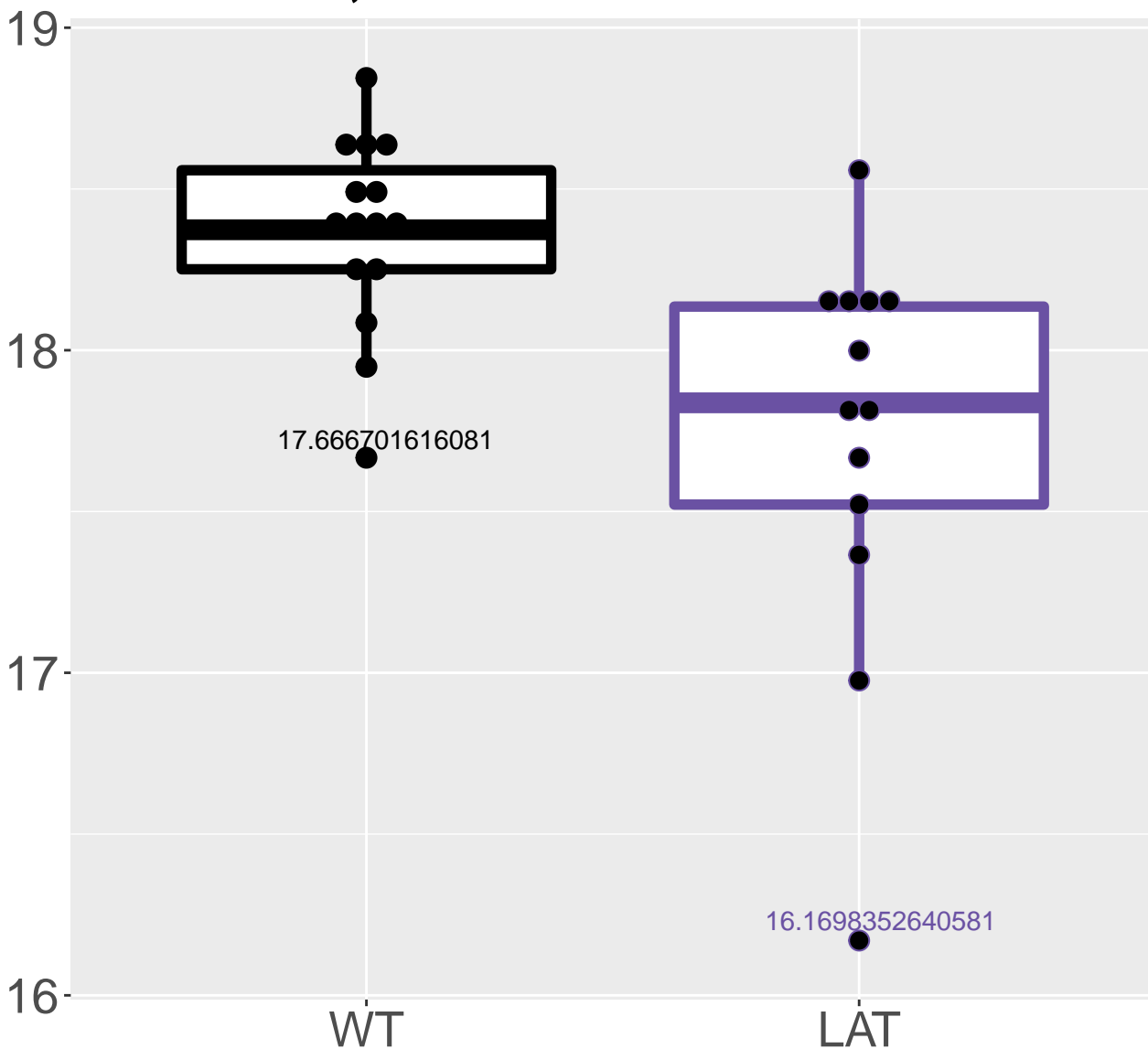


M132.0496T469.27

FDR = 0.004, FC = -0.87

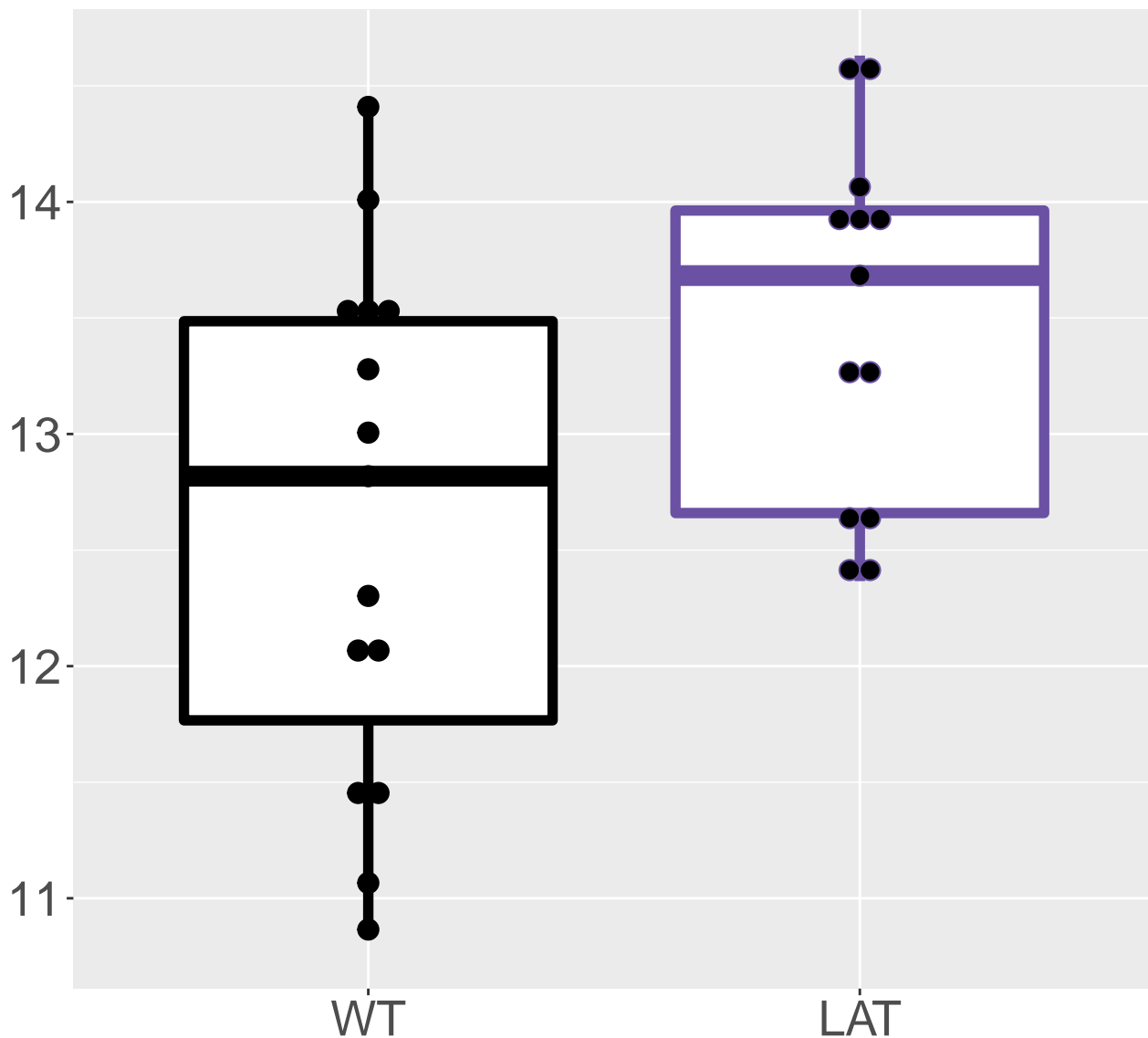


FDR = 0.004, FC = -0.64

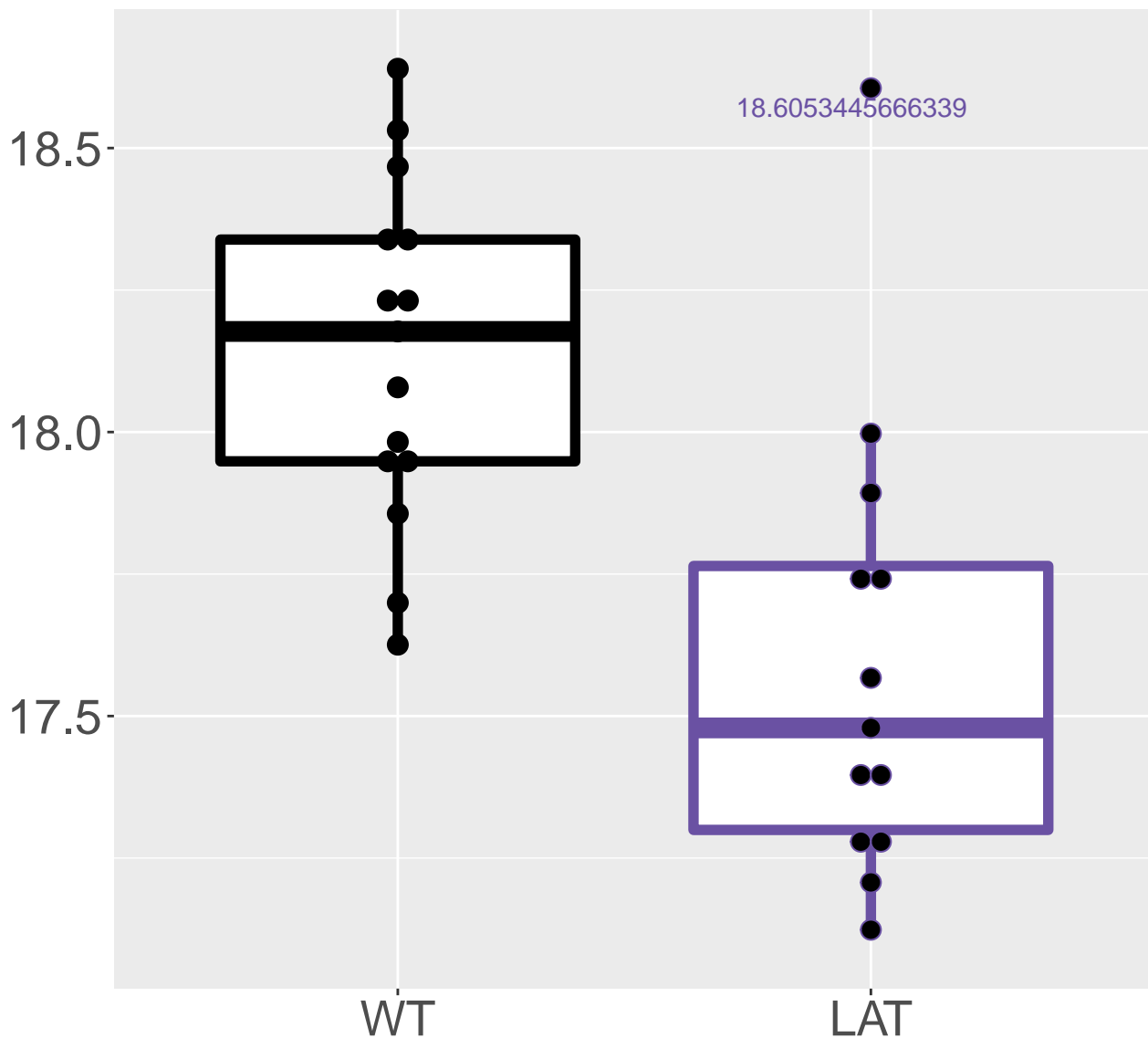


M283.0499T624.64

FDR = 0.004, FC = 0.86, sex***

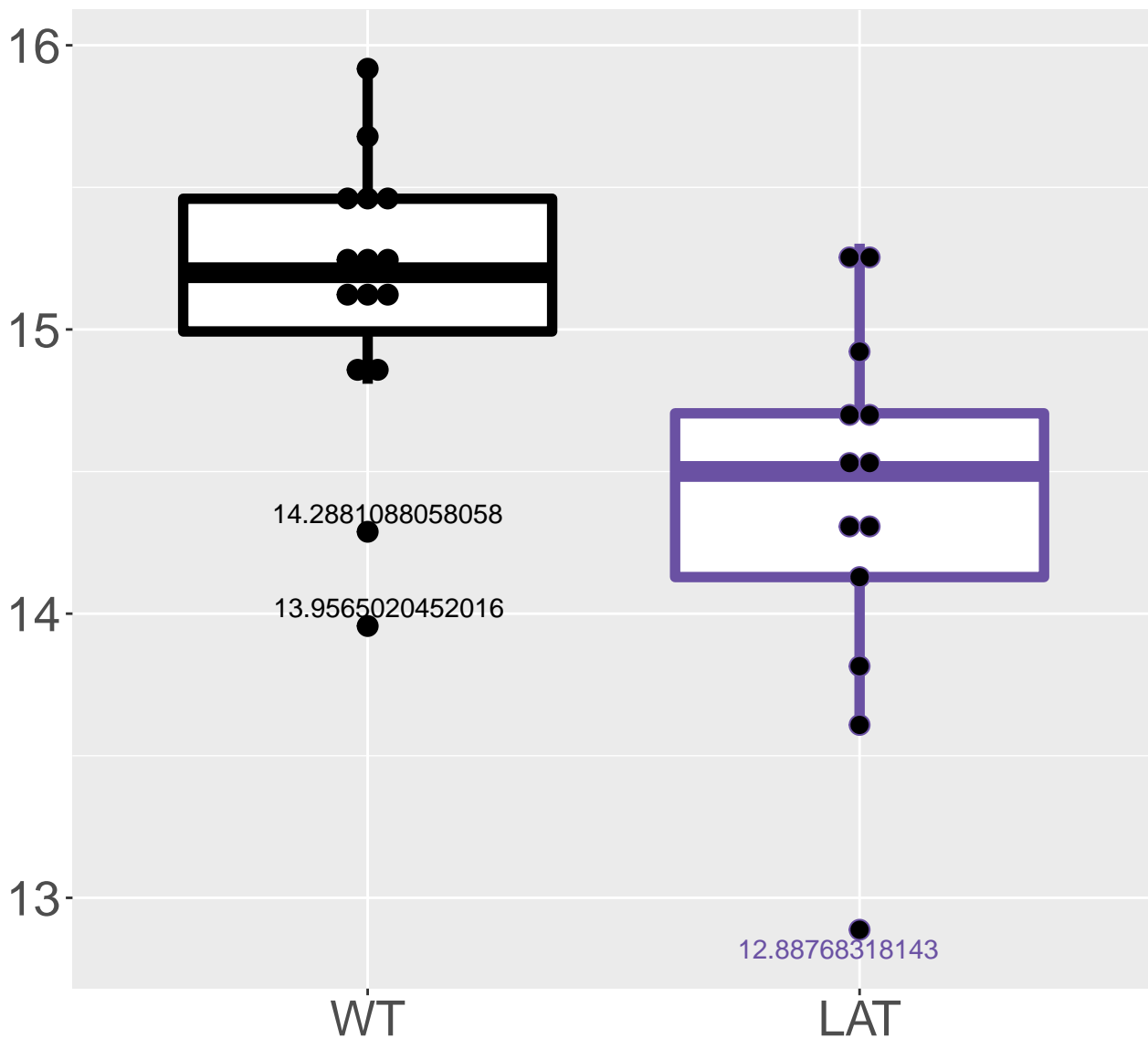


M663.2002T621.04
FDR = 0.004, FC = -0.55



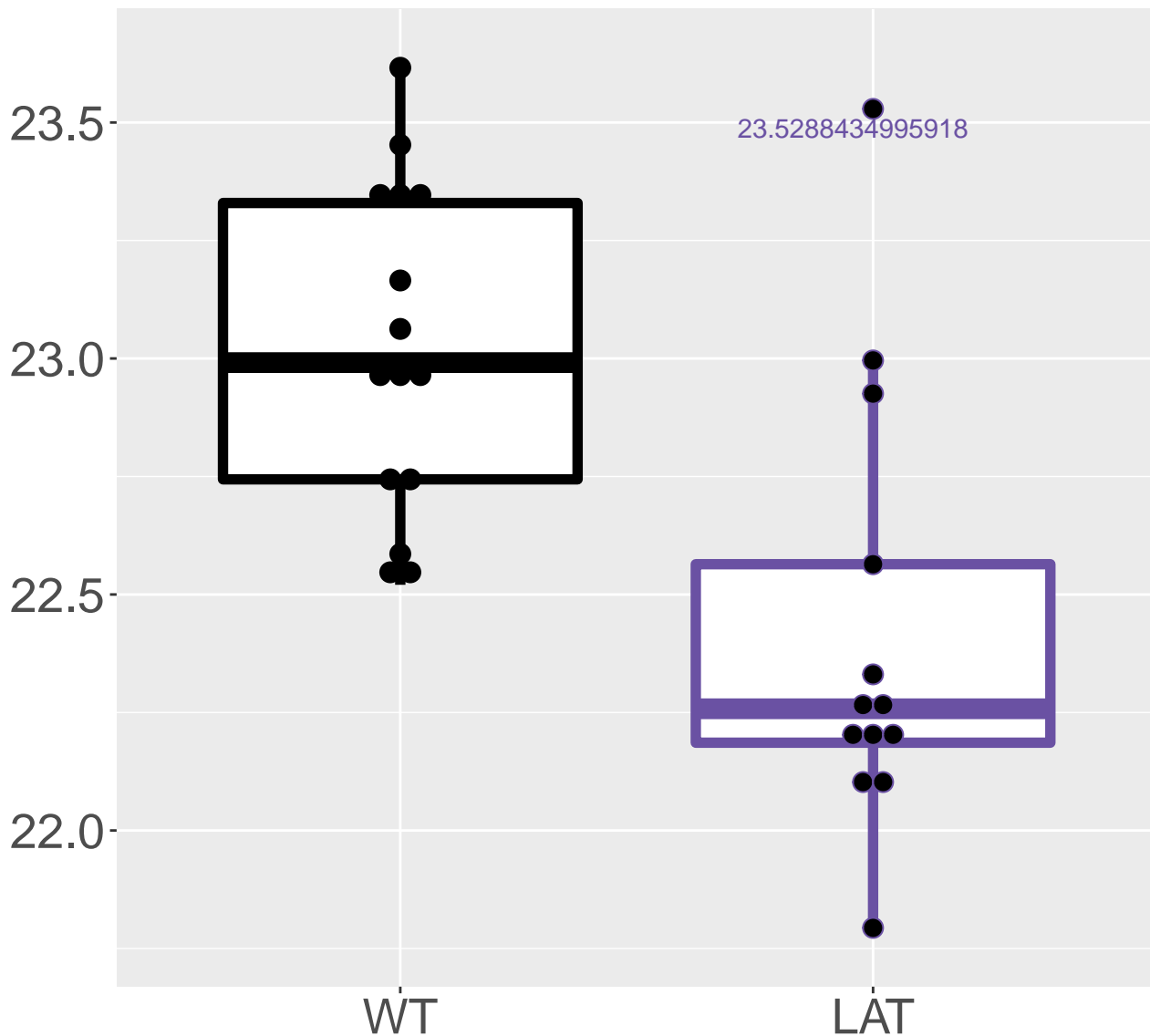
M581.1706T505.84

FDR = 0.004, FC = -0.76



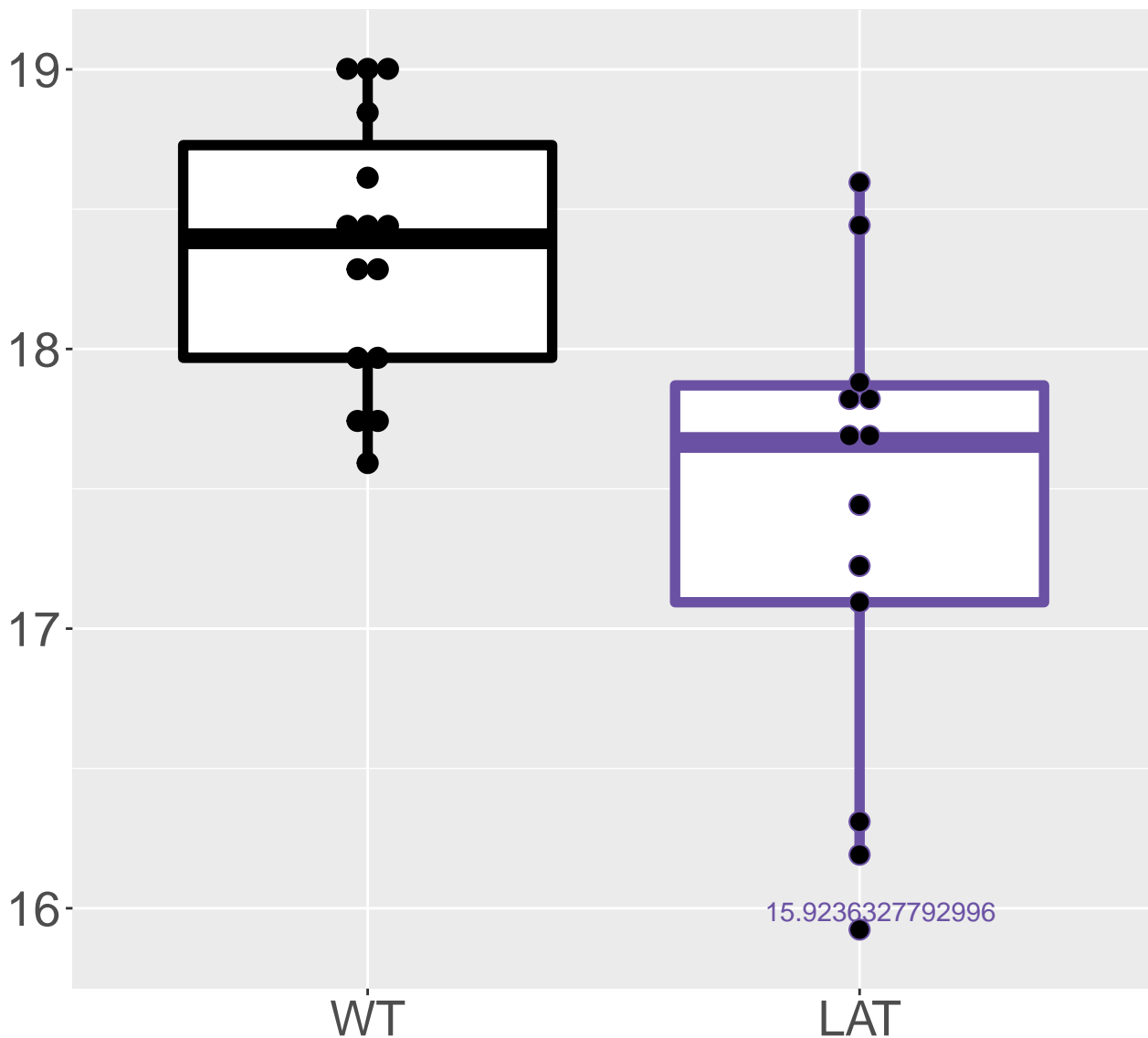
M342.1127T537.13

FDR = 0.0041, FC = -0.6



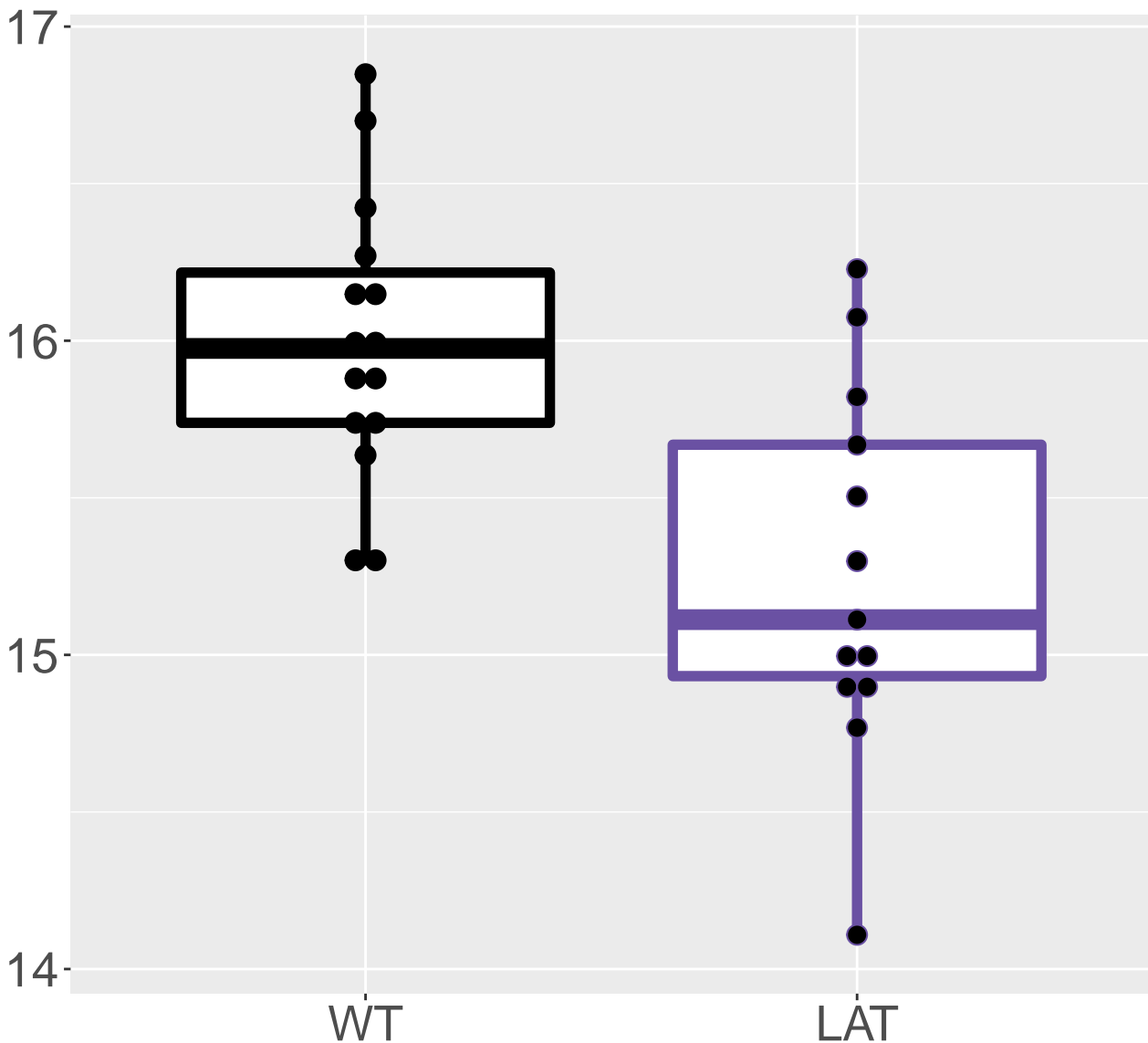
M866.2912T530.89

FDR = 0.0041, FC = -0.96

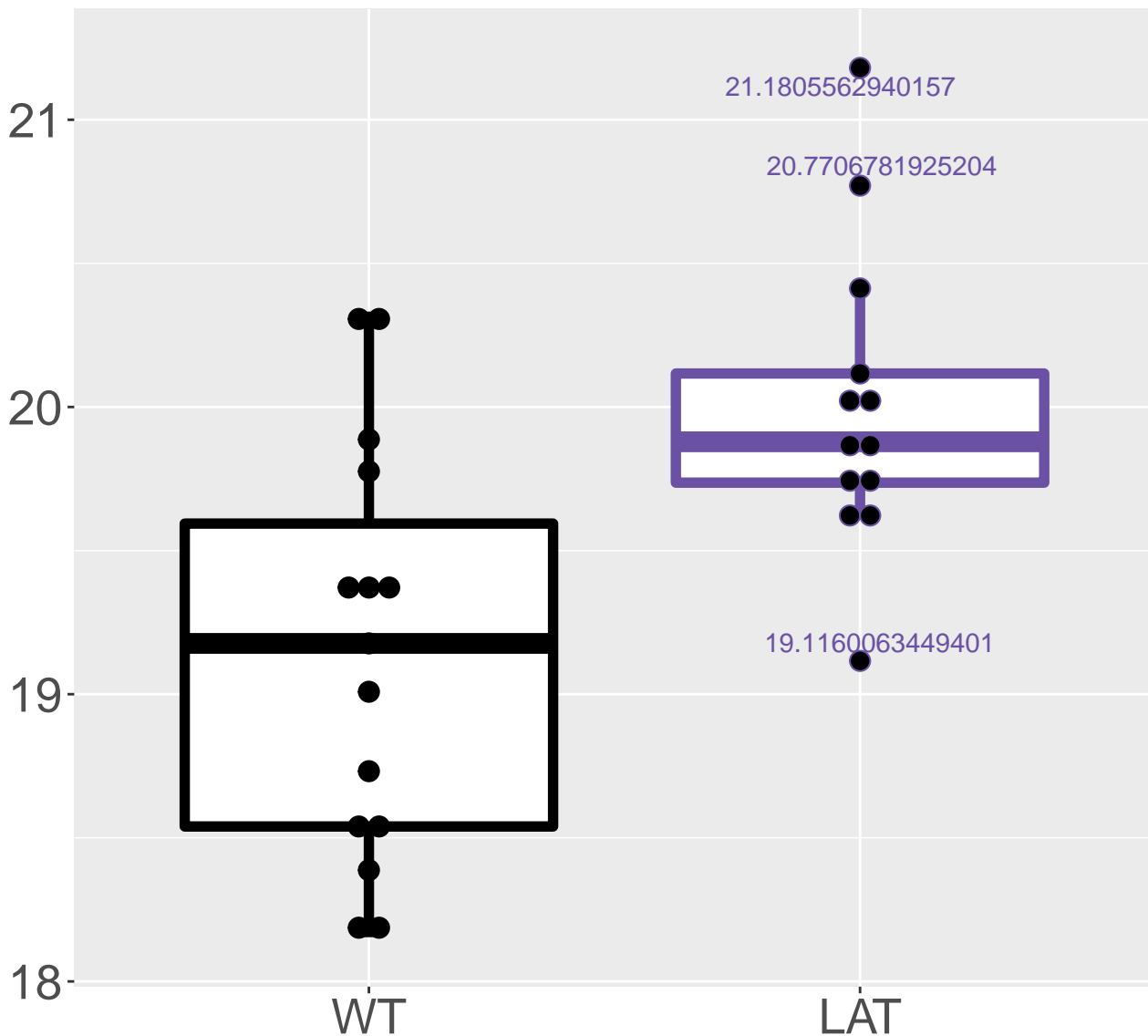


M734.0209T547.95

FDR = 0.0041, FC = -0.74

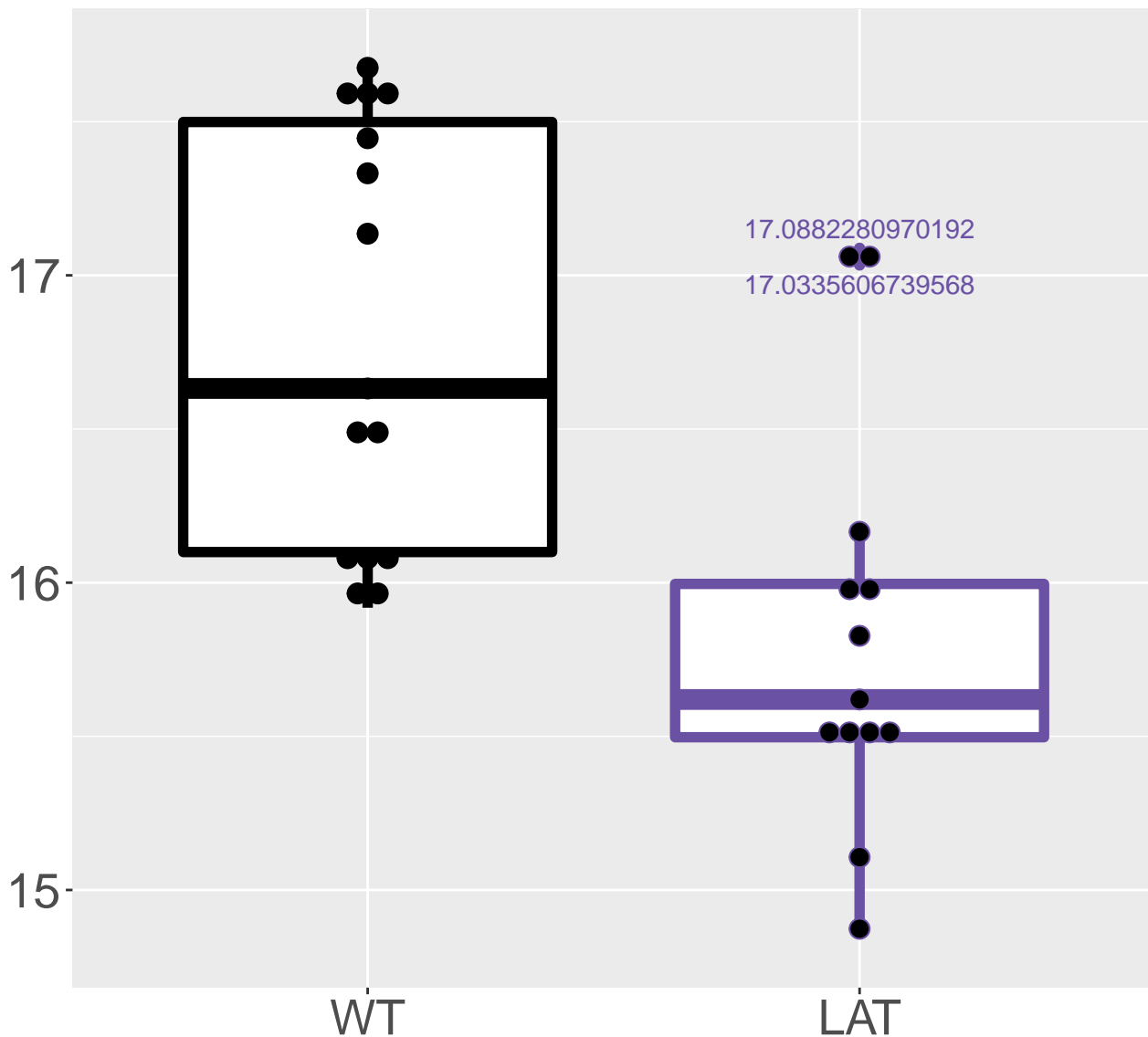


M716.2288T316.71
FDR = 0.0043, FC = 0.86

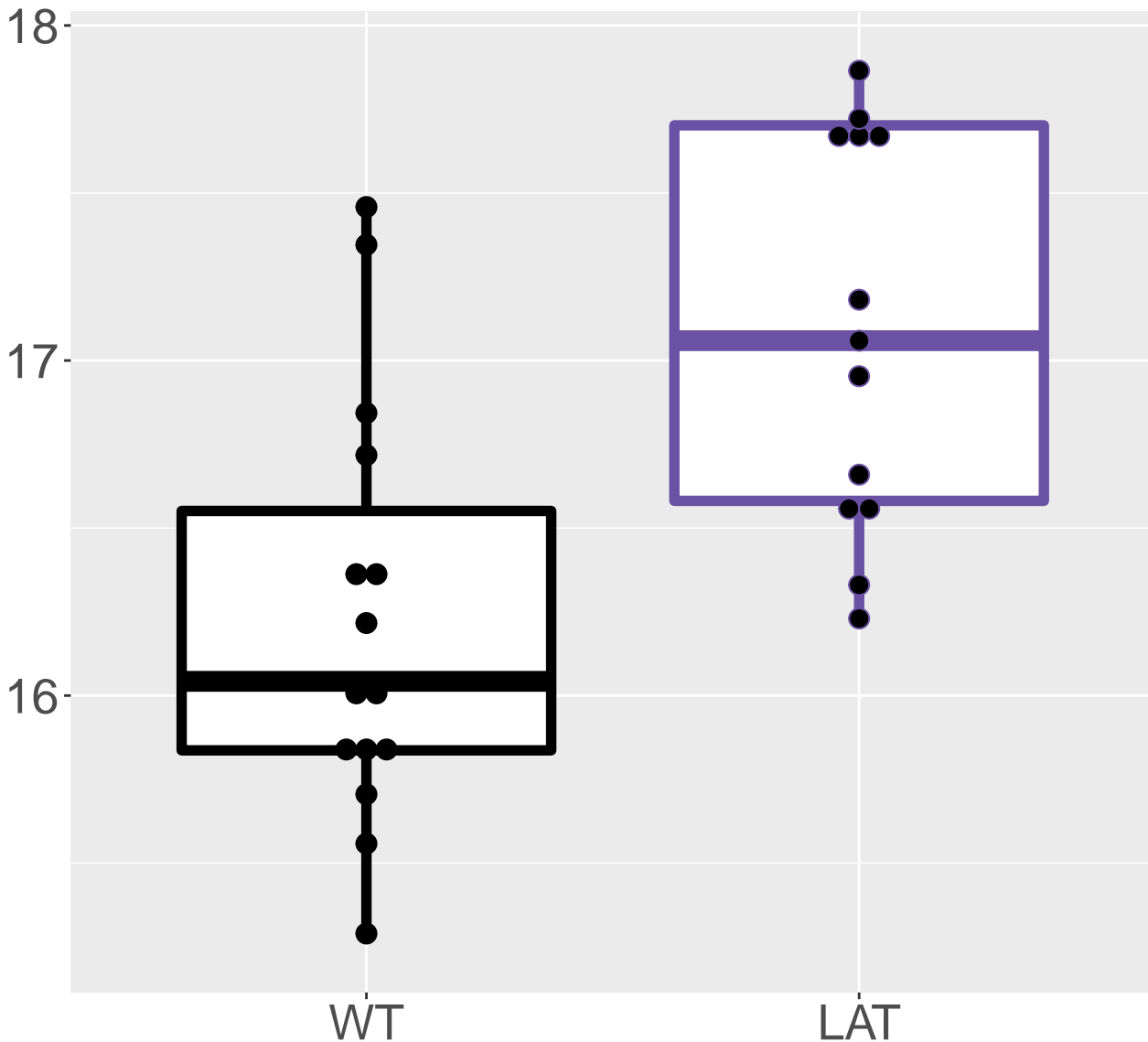


M305.0818T573.58_2

FDR = 0.0043, FC = -0.99

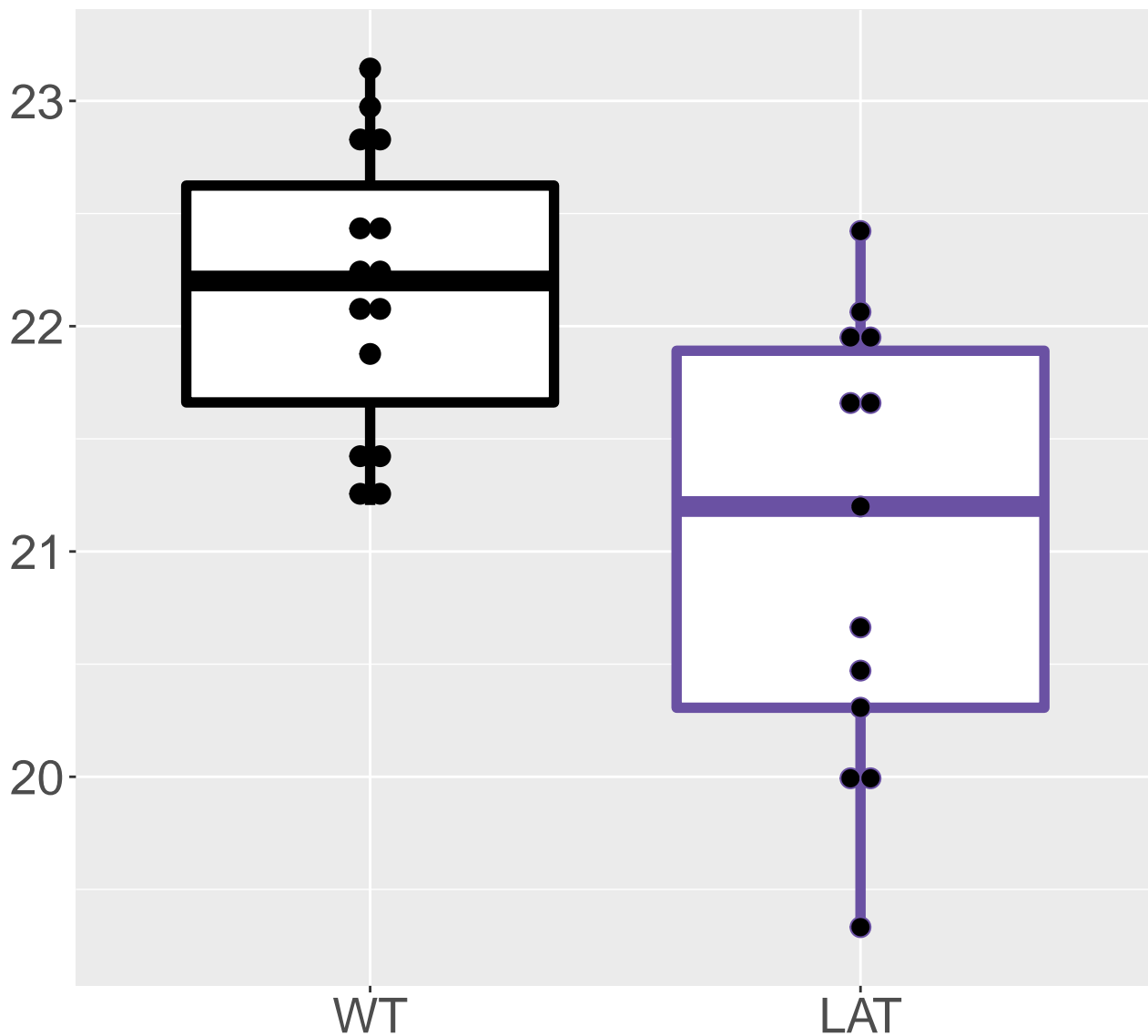


Suberic acid
FDR = 0.0043, FC = 0.86



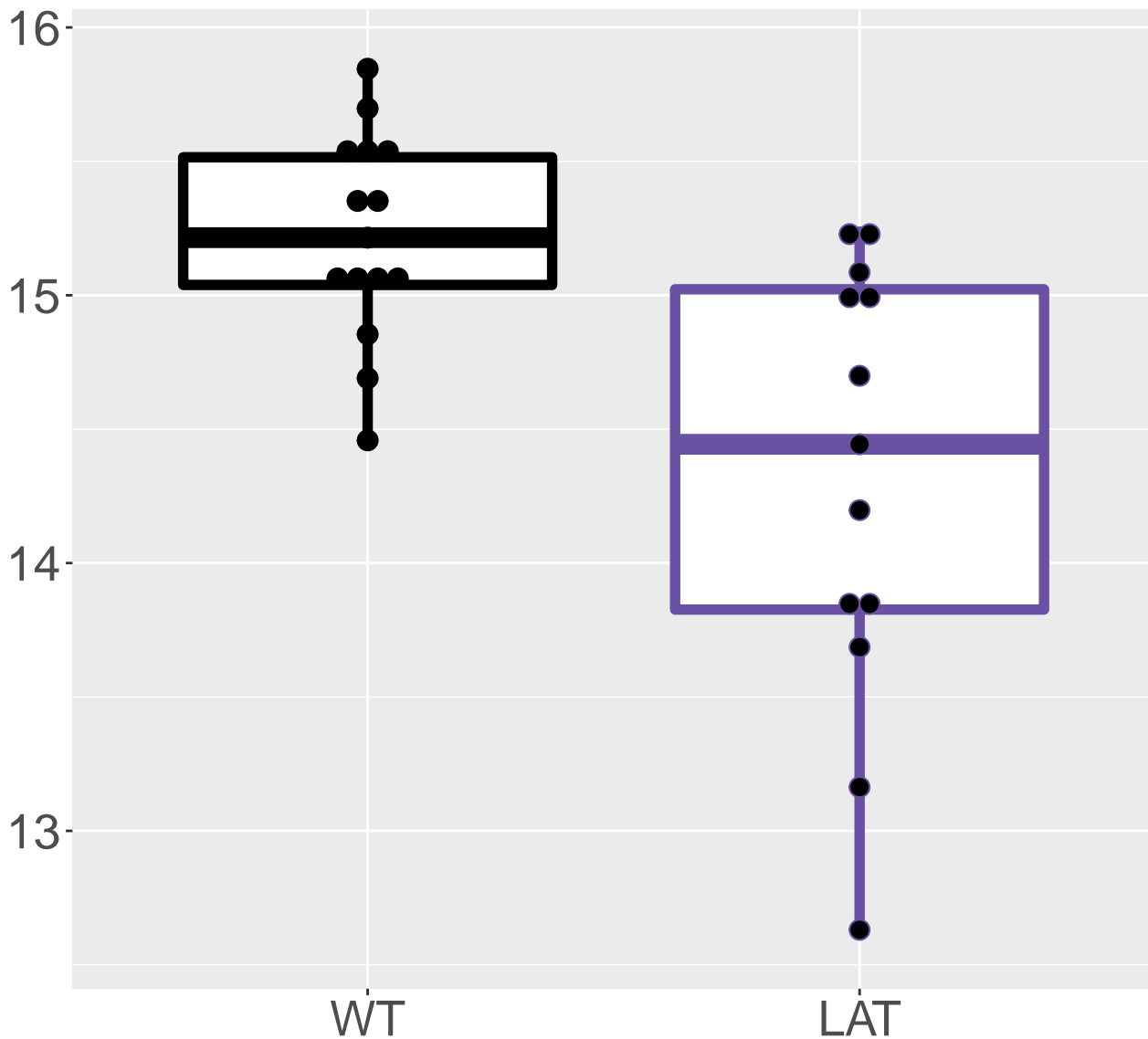
M271.07T264.37

FDR = 0.0044, FC = -1.1



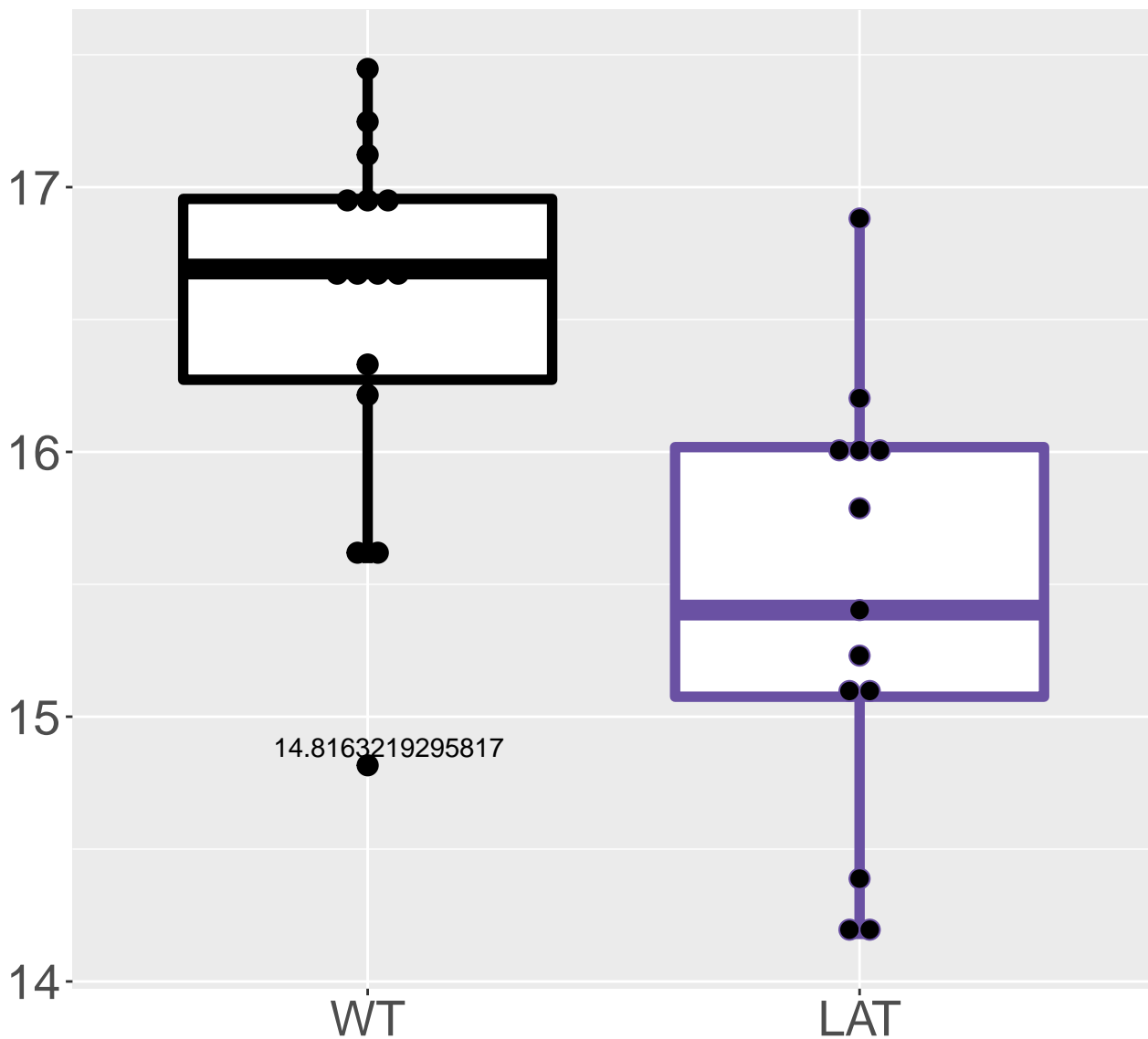
M661.4116T86.11

FDR = 0.0044, FC = -0.91



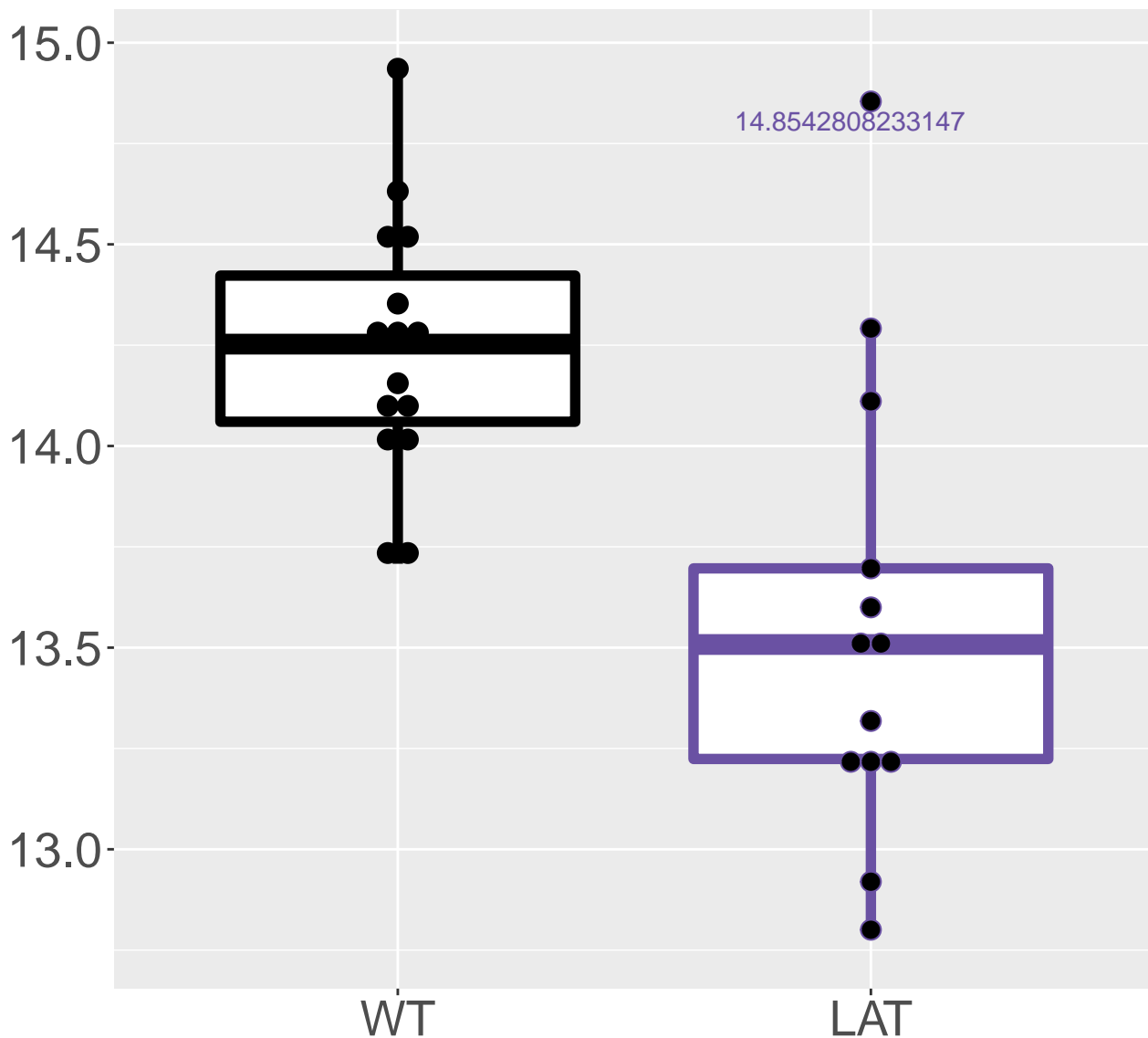
M409.1834T206.15

FDR = 0.0044, FC = -1.1

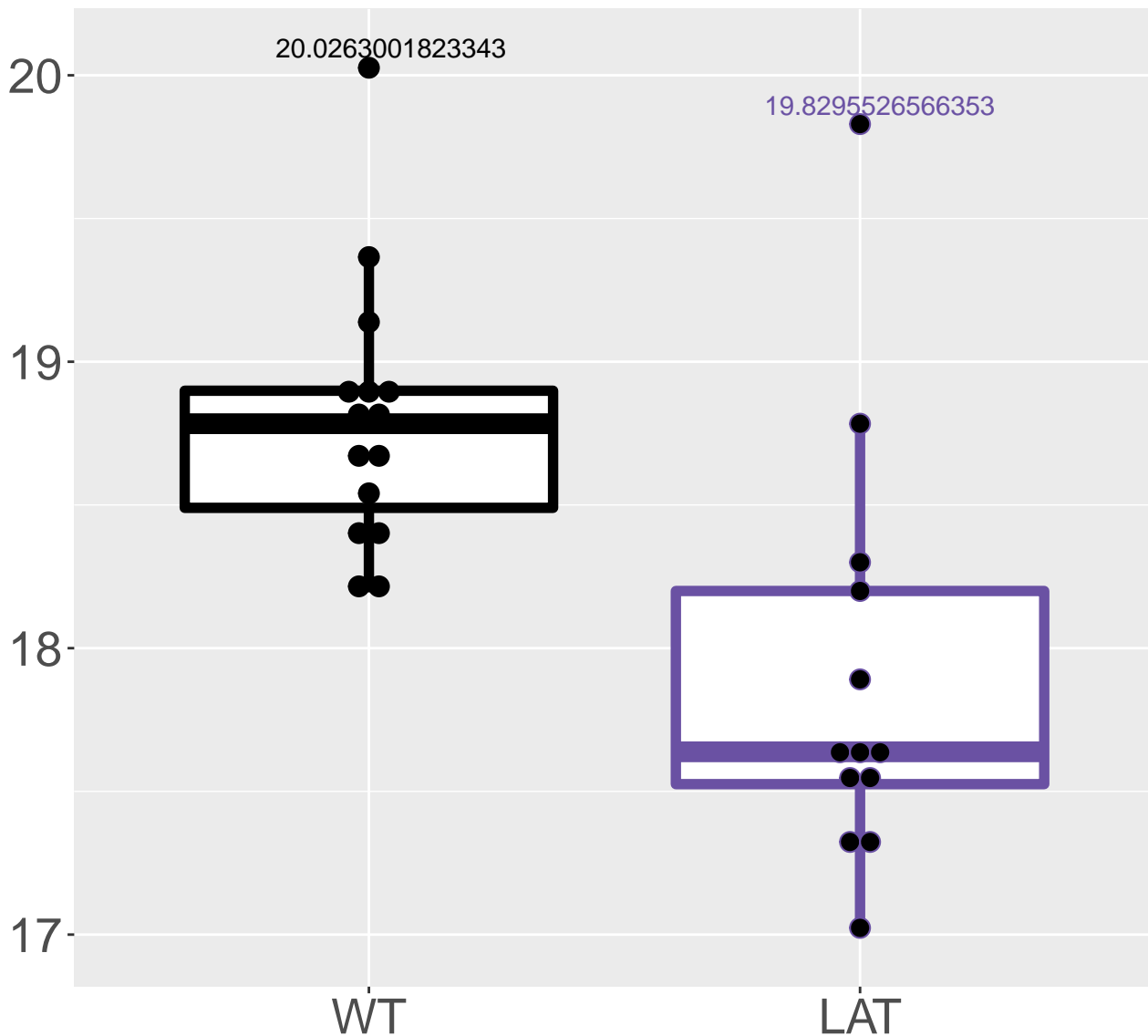


M948.2759T683.75

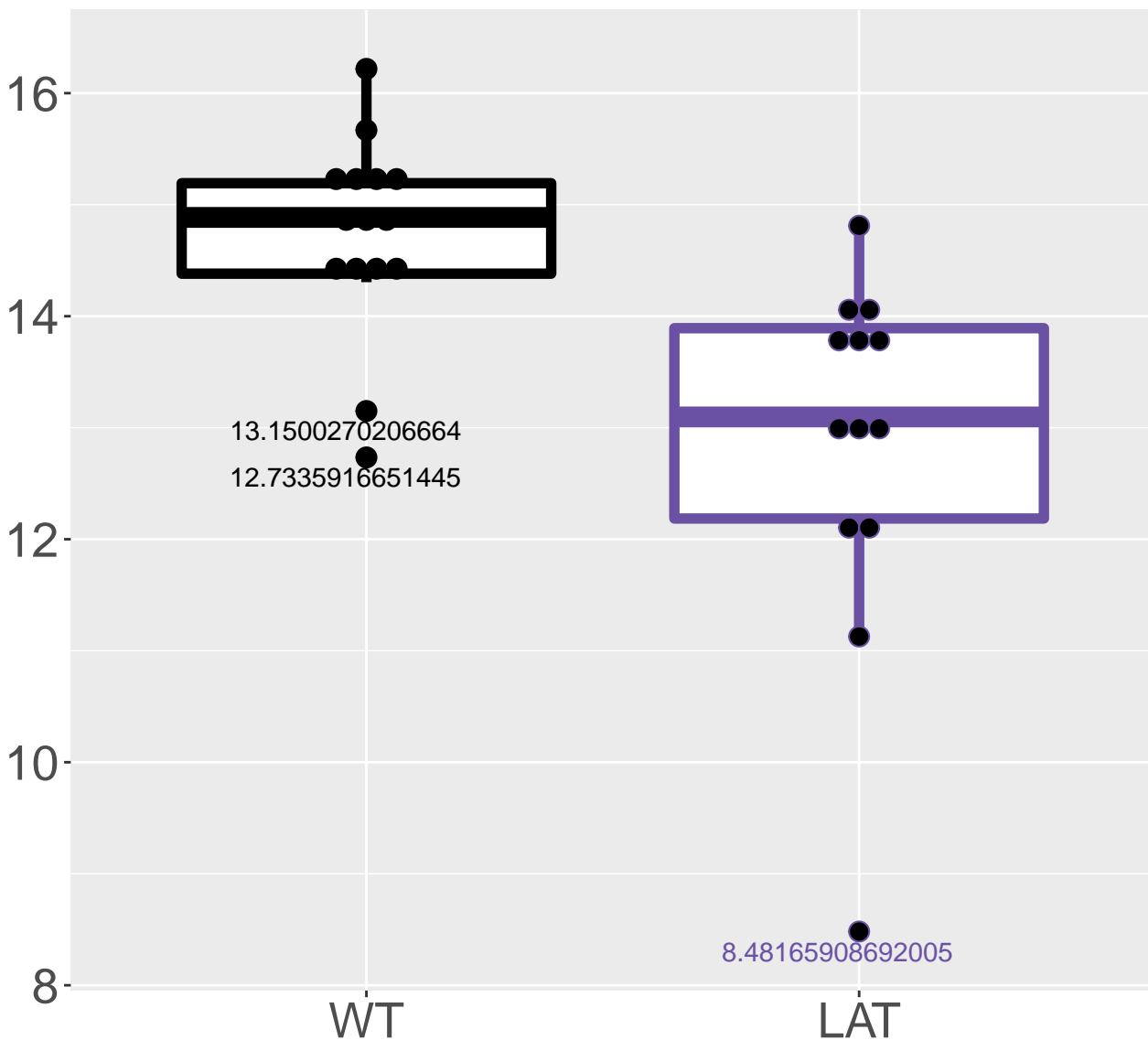
FDR = 0.0045, FC = -0.68



M899.2882T682.45
FDR = 0.0045, FC = -0.9

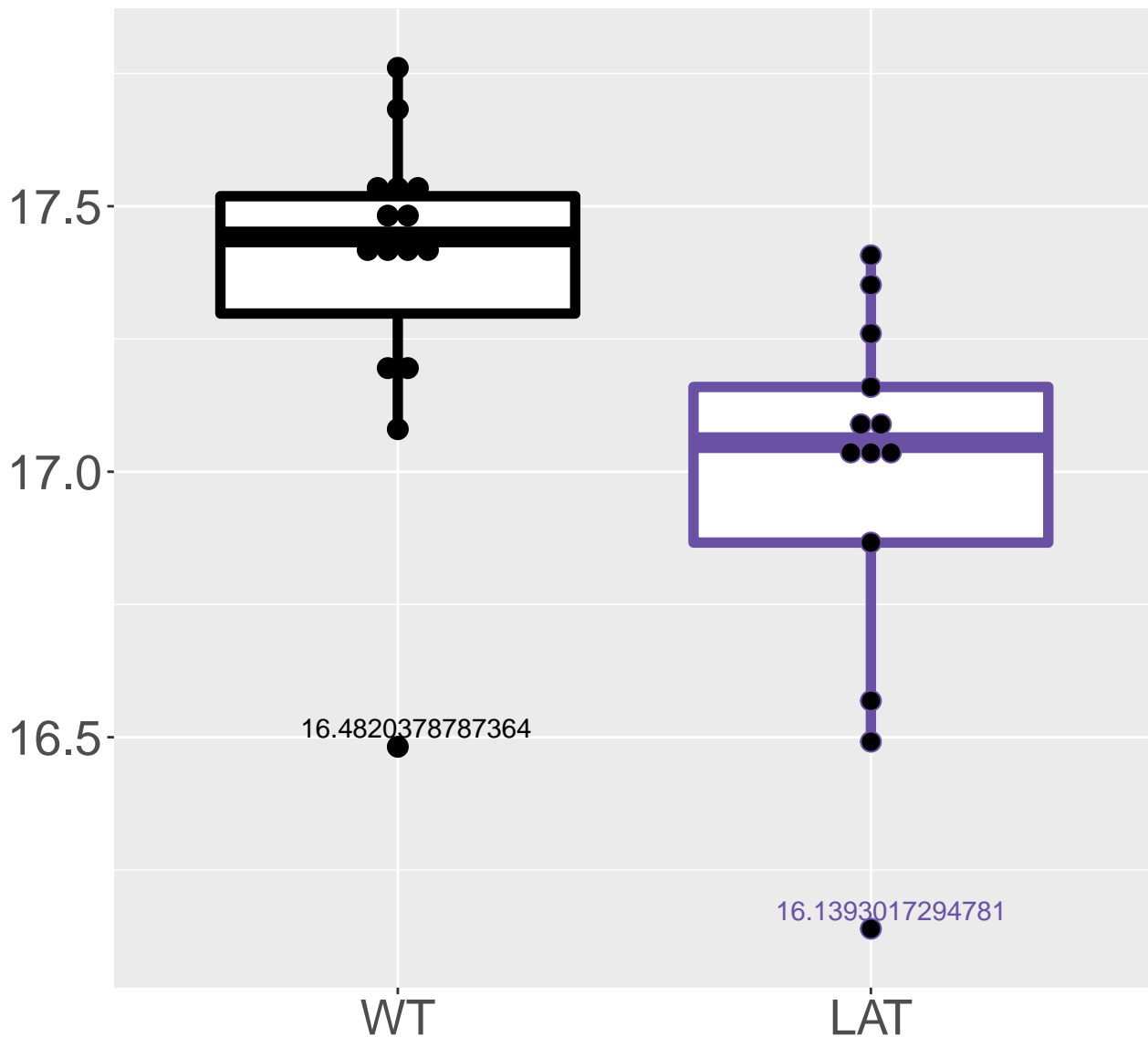


FDR = 0.0045, FC = -1.9

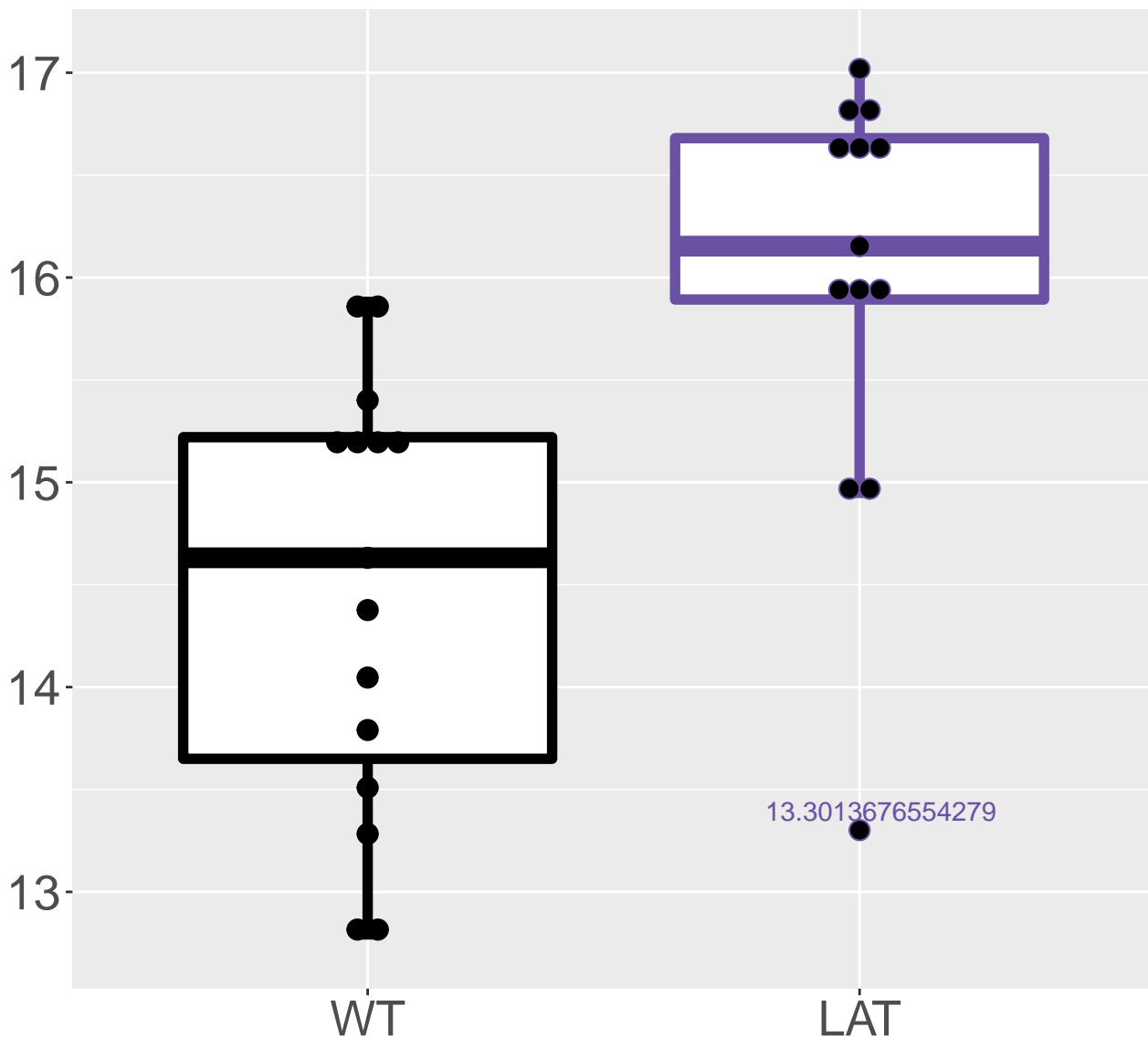


M314.1098T431.55

FDR = 0.0046, FC = -0.41, sex*

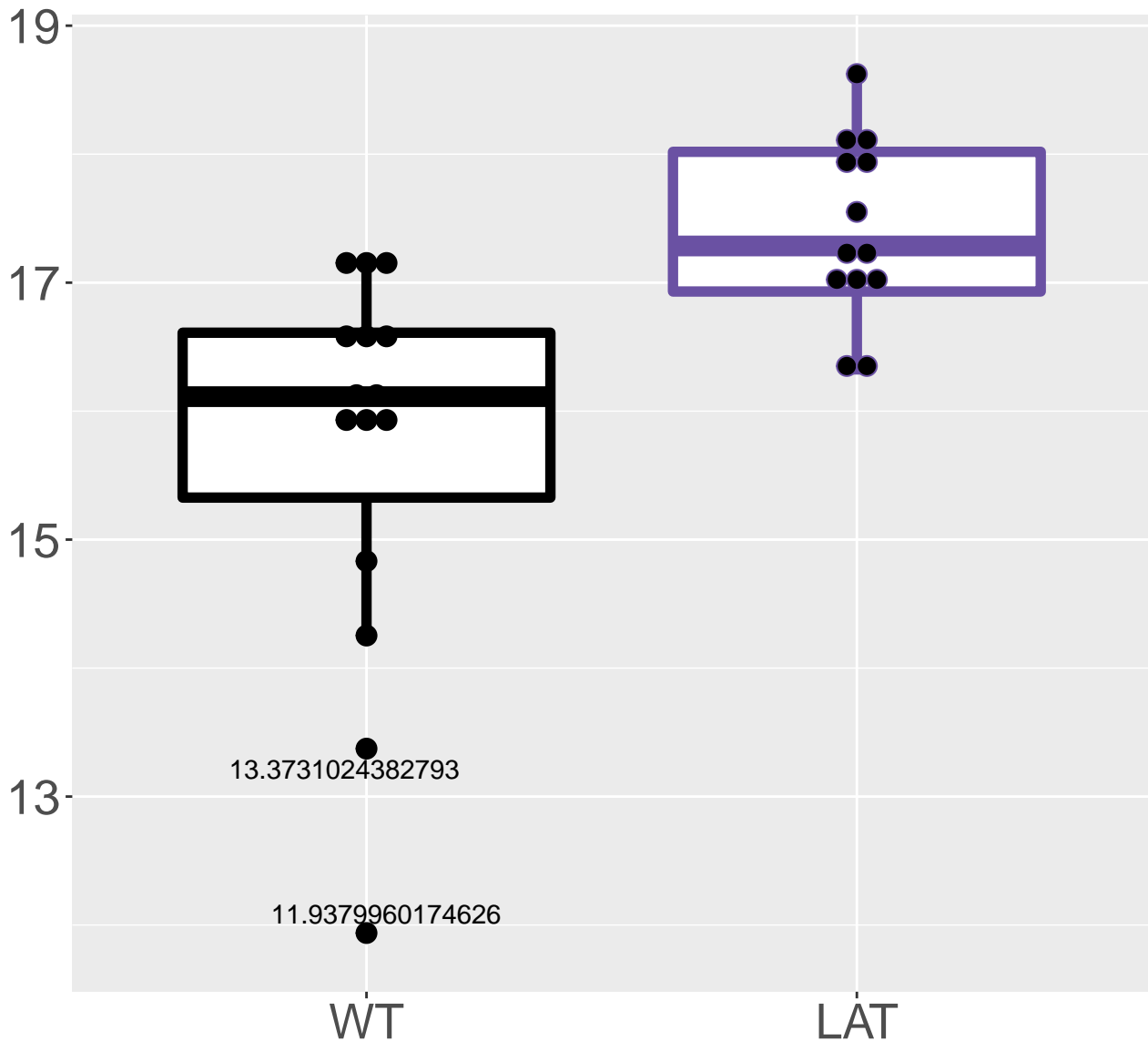


FDR = 0.0046, FC = 1.5



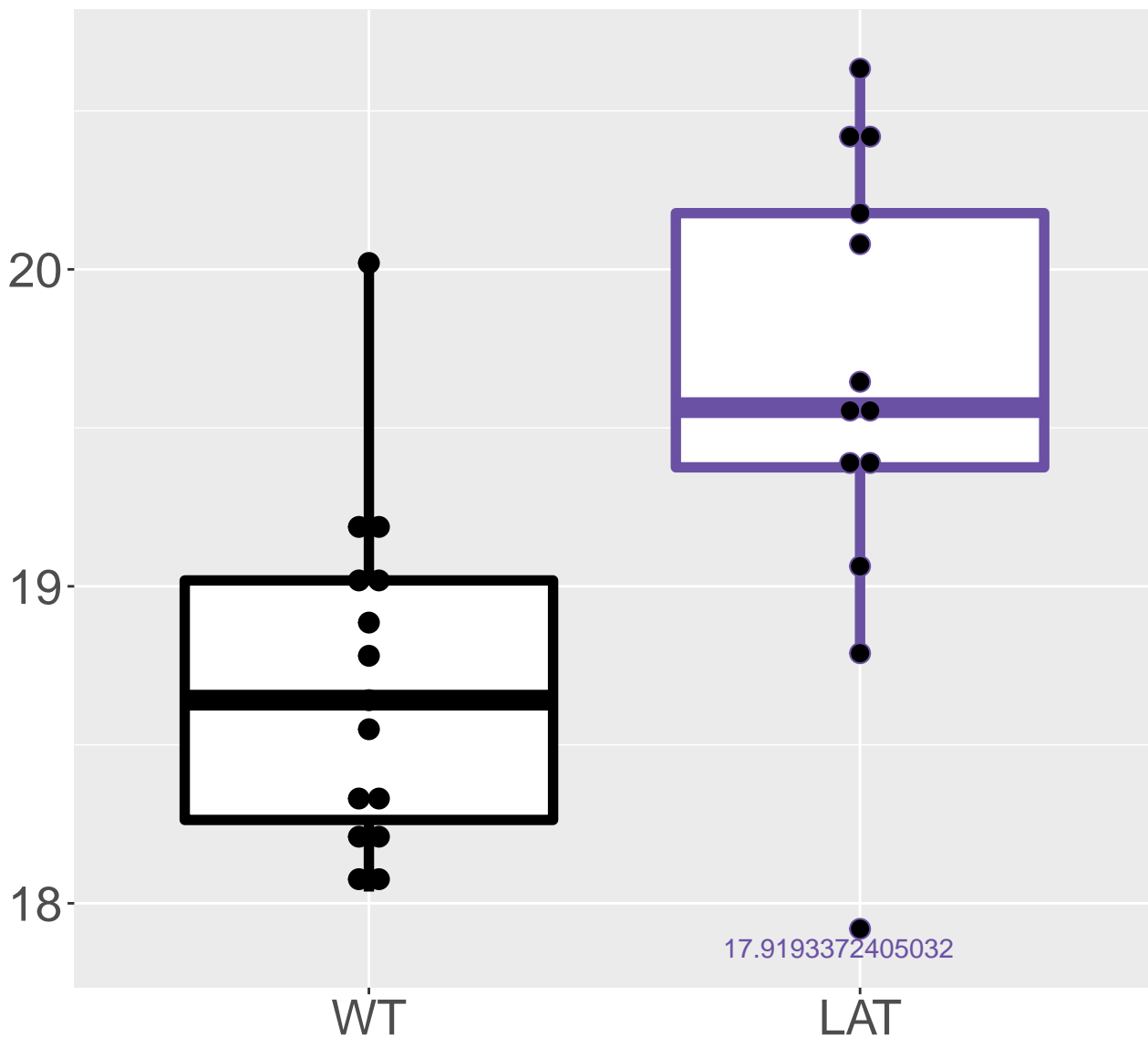
2,3-Diphospho-D-glyceric acid;2,3-Bisphospho

FDR = 0.0047, FC = 1.7

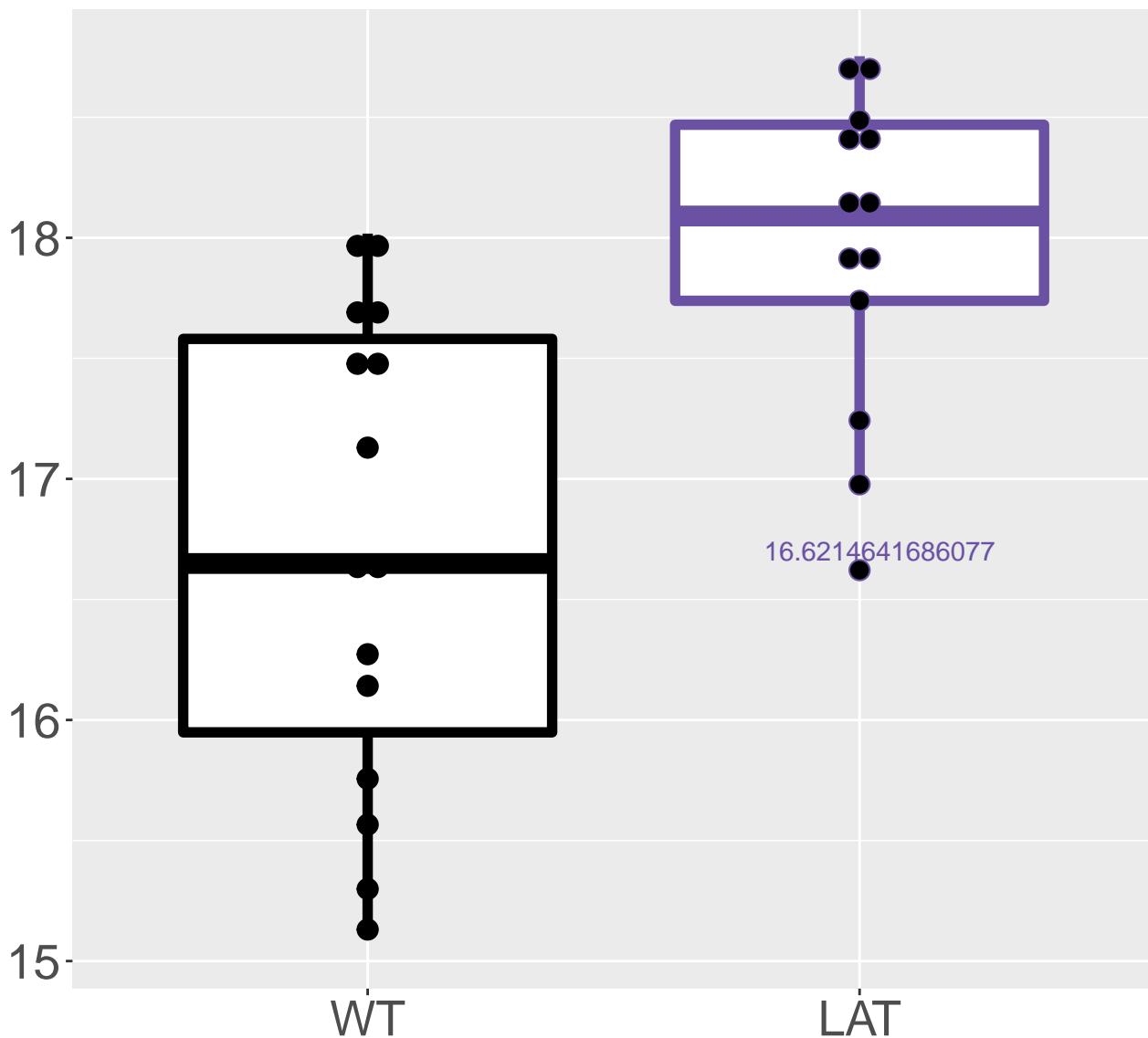


M242.1765T88.08

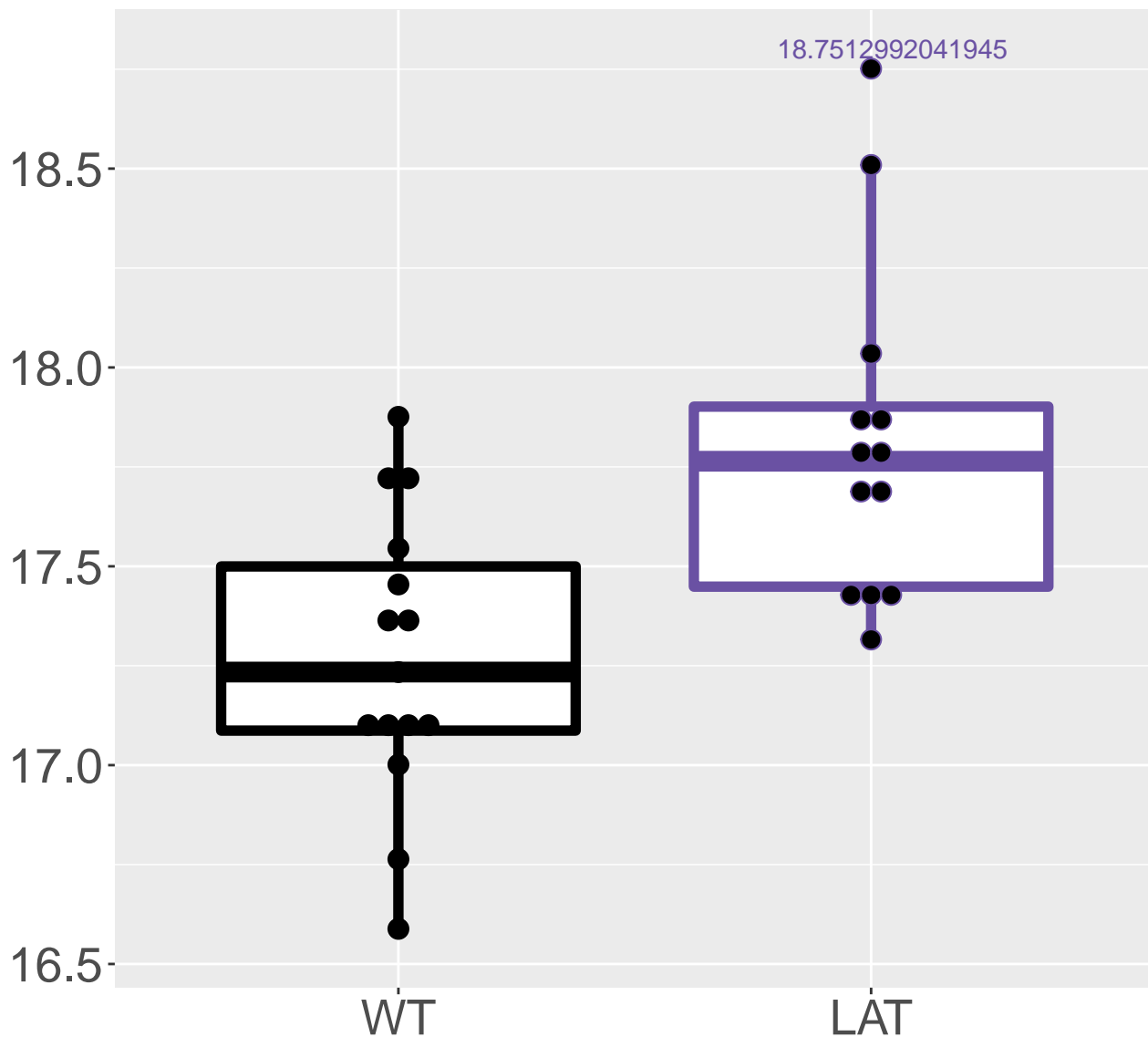
FDR = 0.0047, FC = 0.92



M266.787T589.96_1
FDR = 0.0048, FC = 1.2

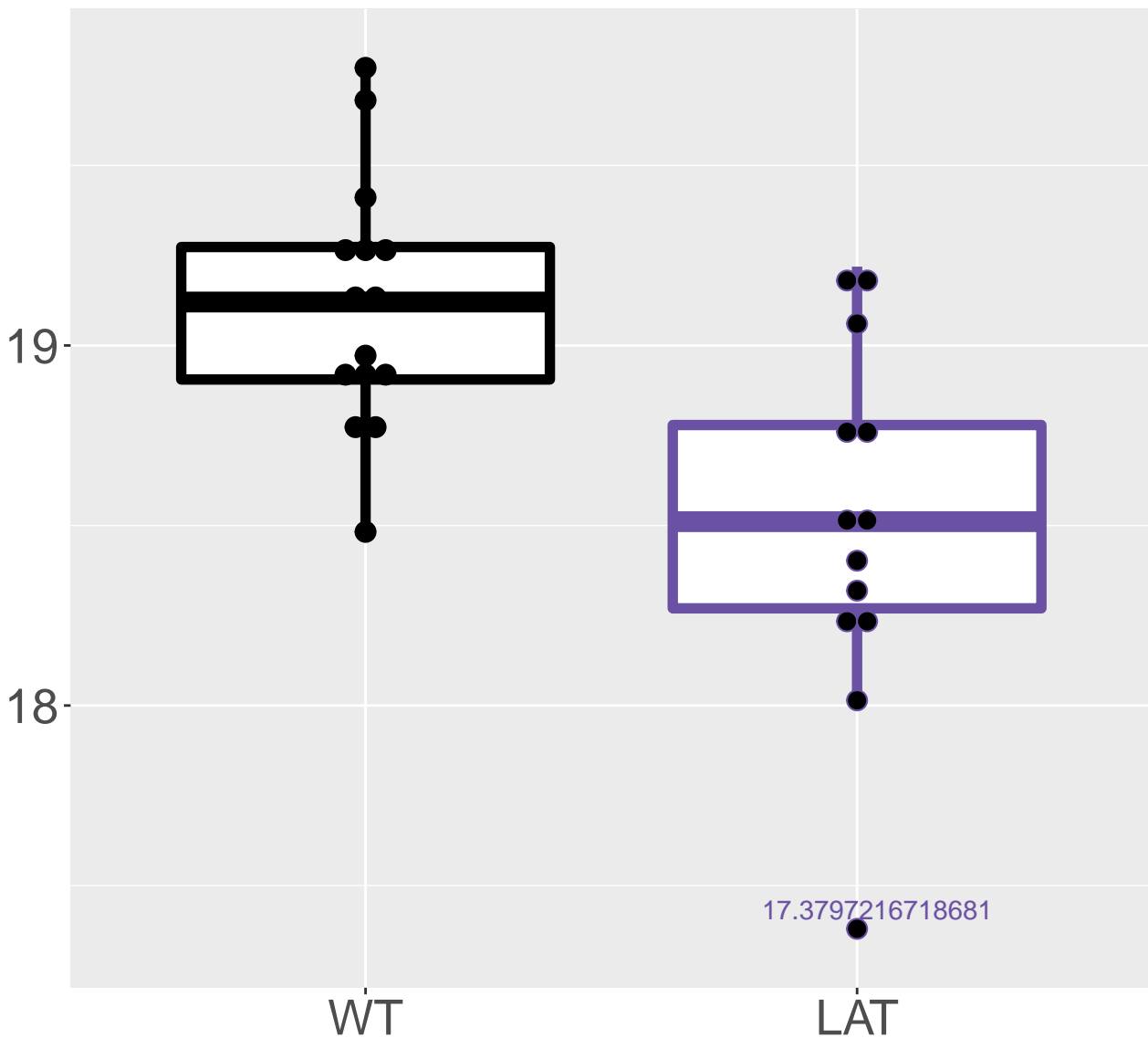


ATP;Adenosine 5'- triphosphate;Adenosine triphosphate
FDR = 0.0048, FC = 0.54

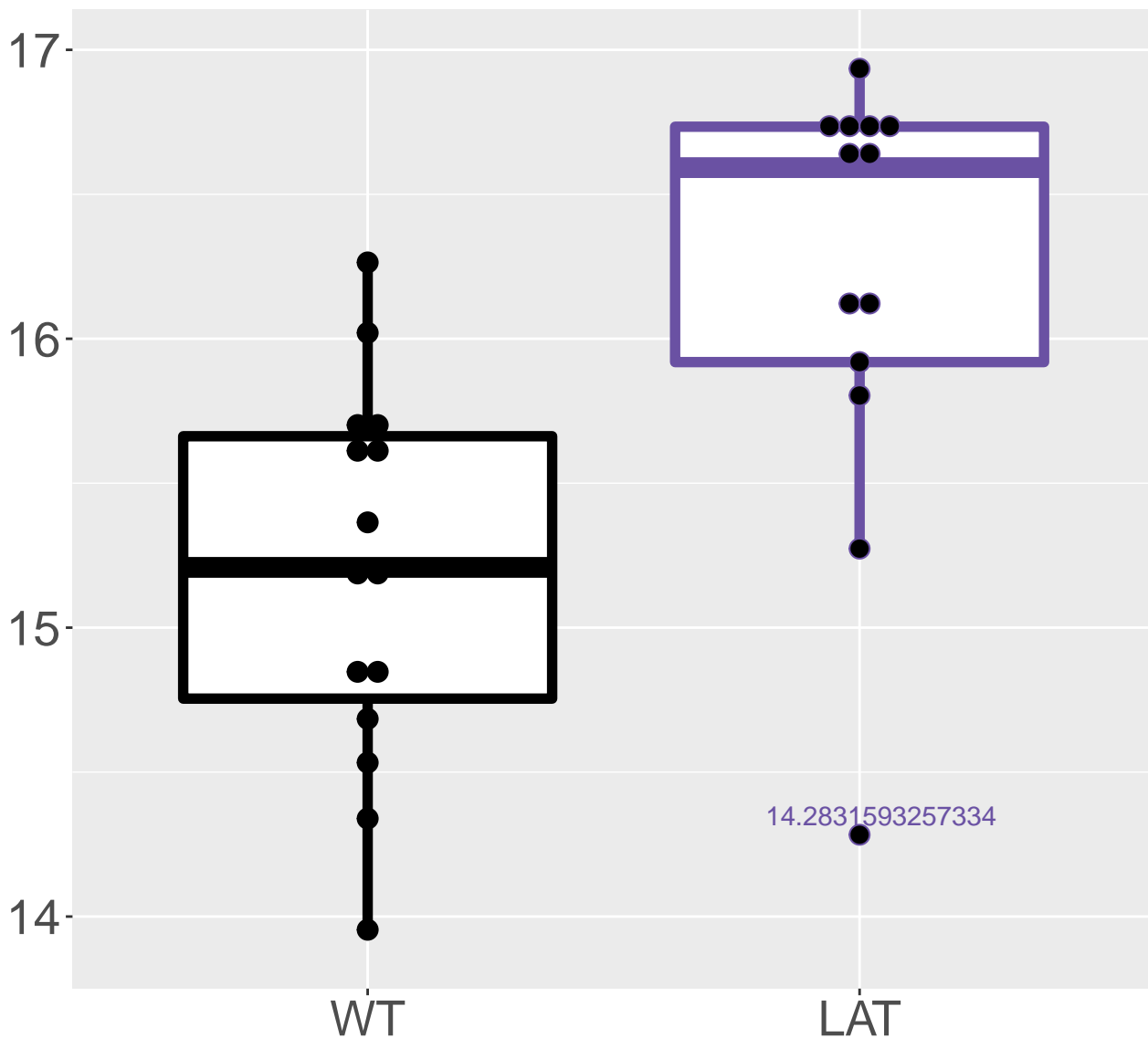


M733.0172T548.33

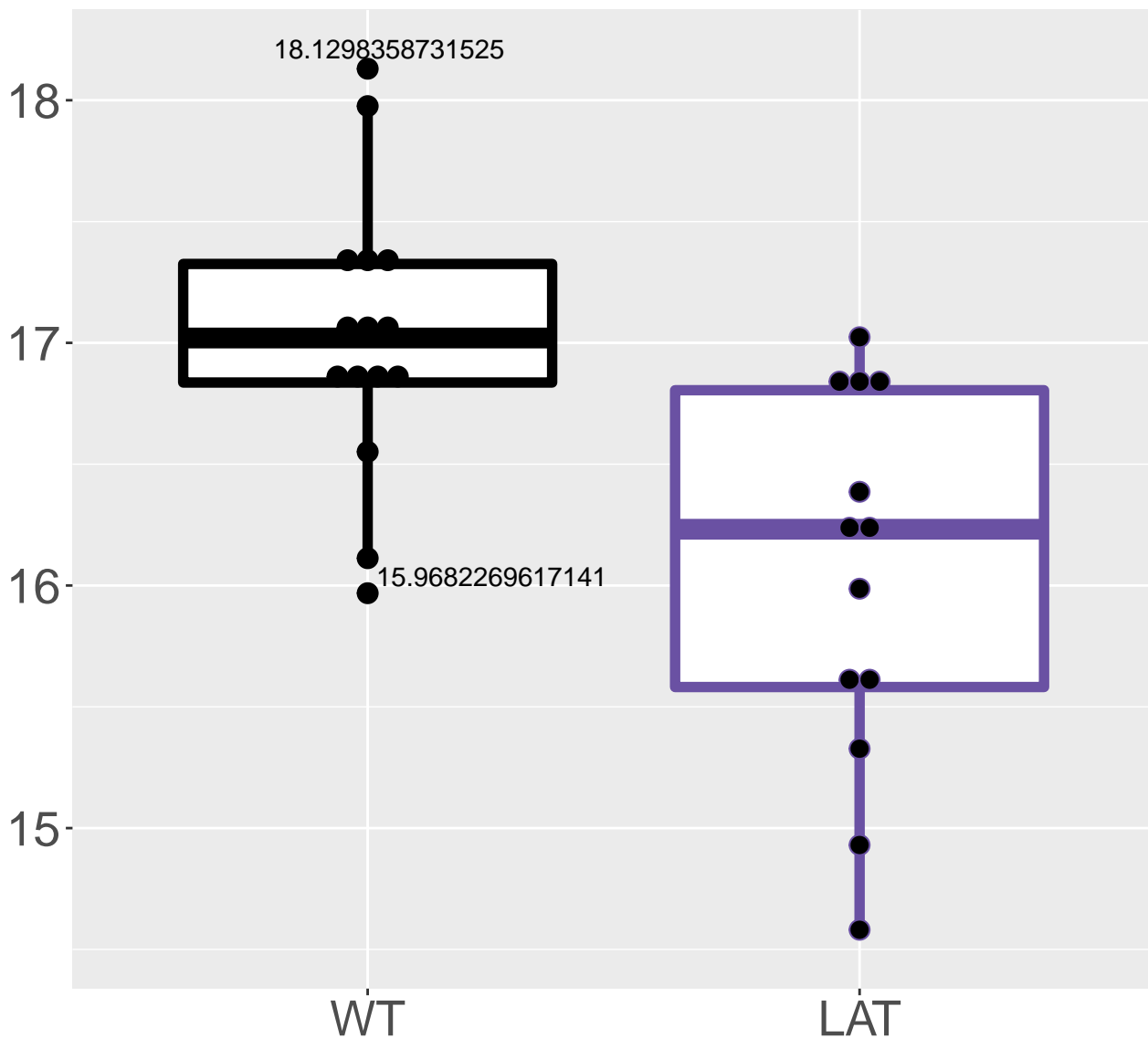
FDR = 0.0048, FC = -0.61



M660.63T598.5_1
FDR = 0.0049, FC = 1

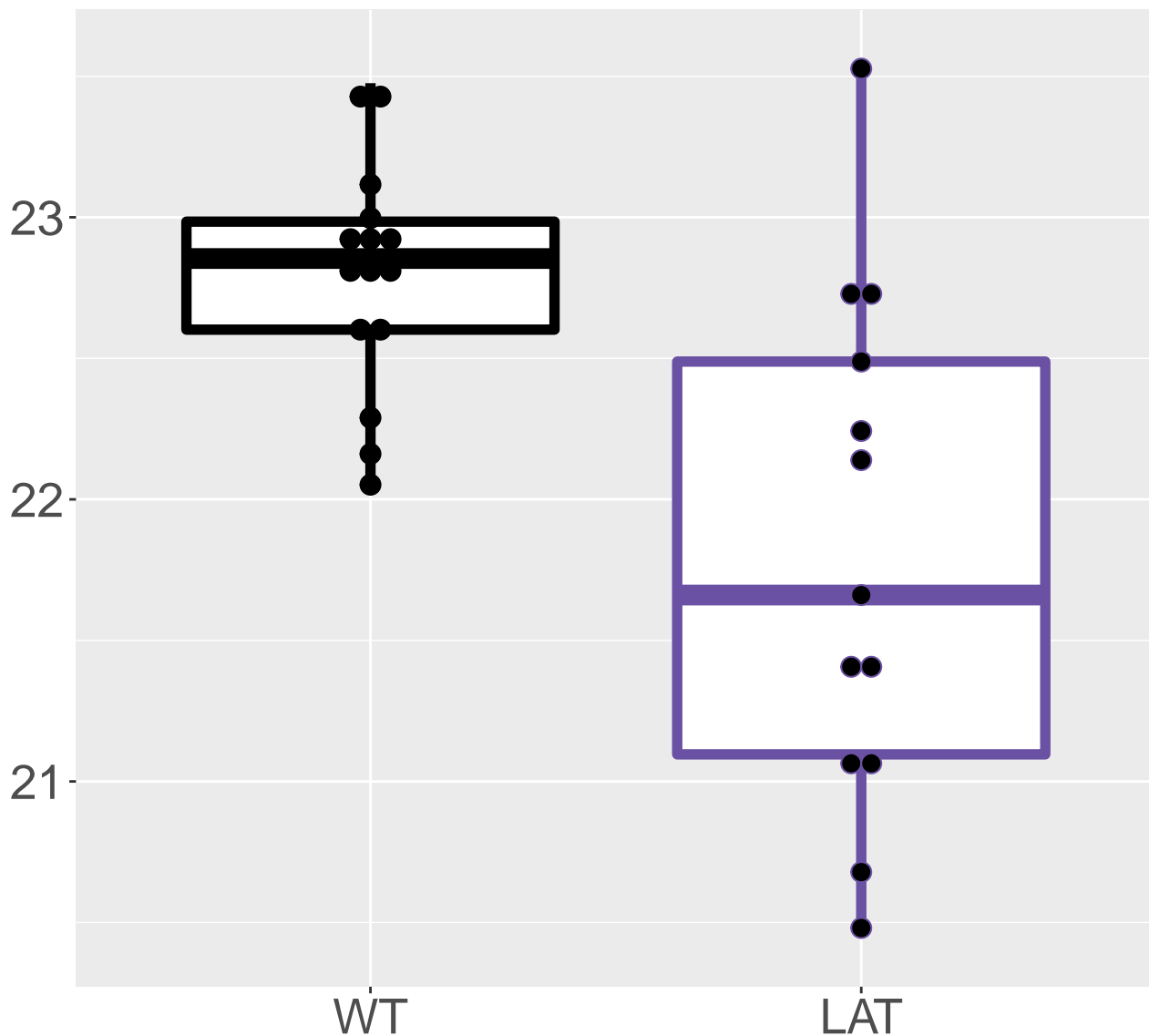


M204.0514T397.96_1
FDR = 0.0049, FC = -0.99



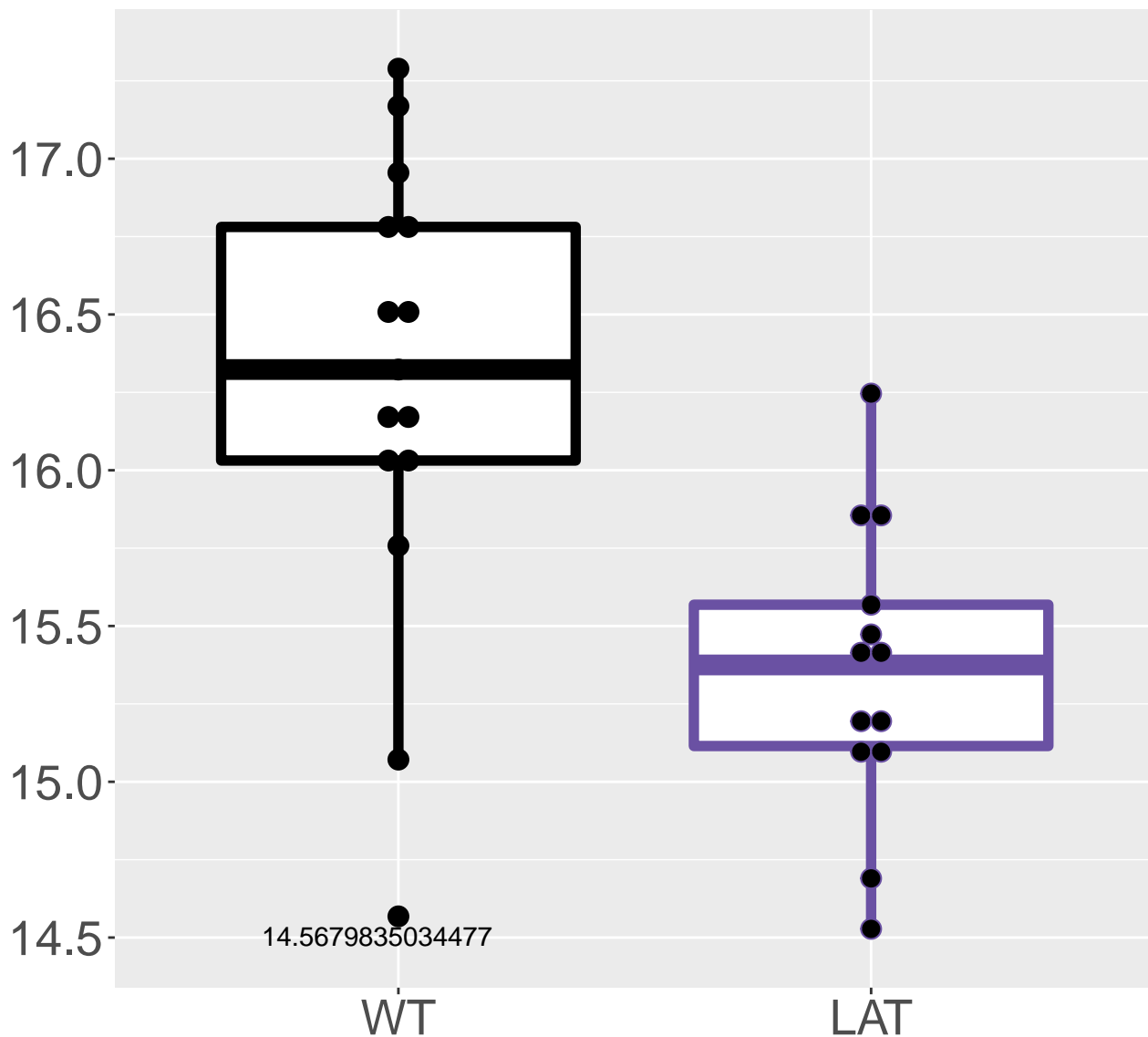
M474.1472T526.24

FDR = 0.0049, FC = -0.97



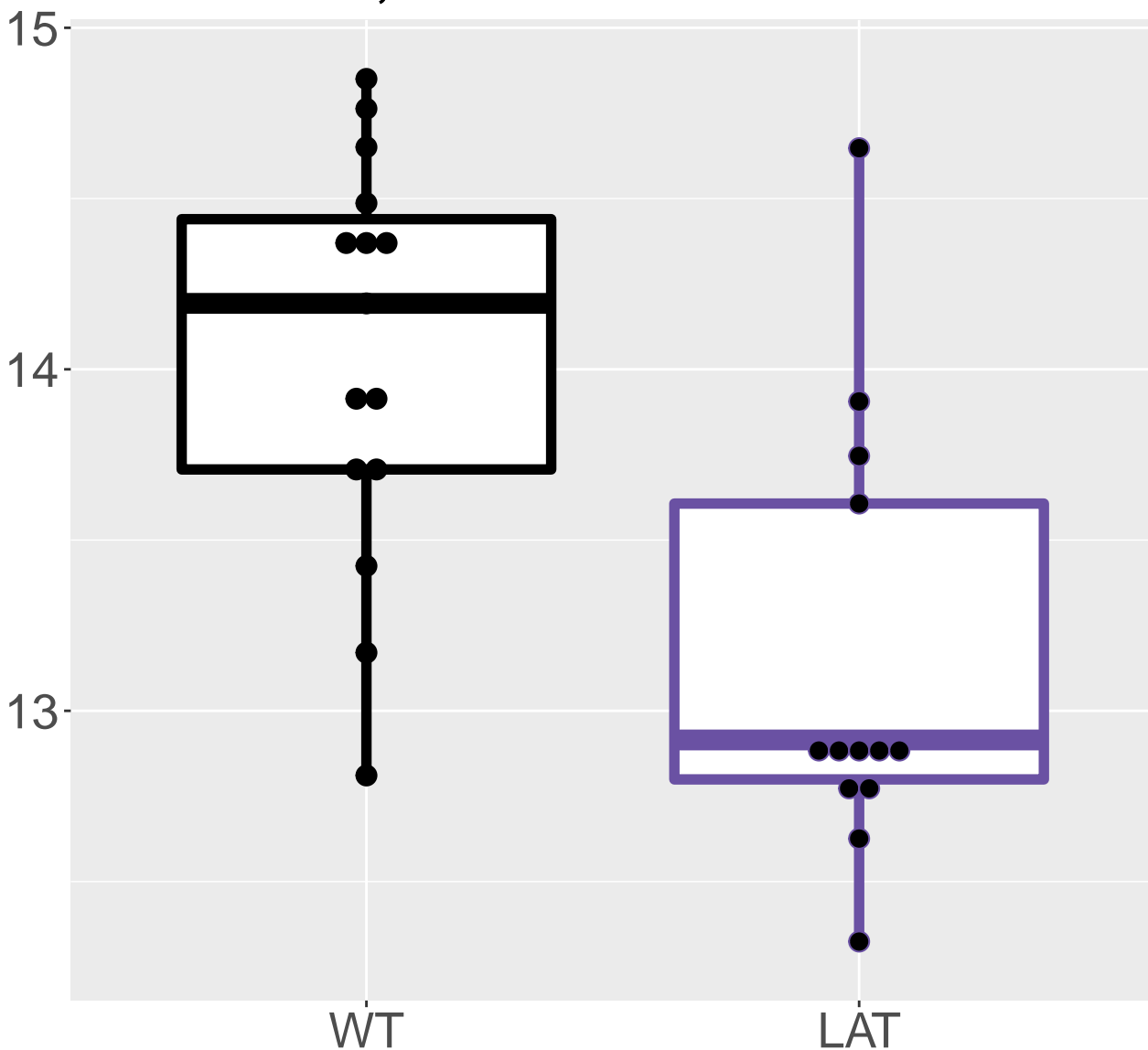
M890.2704T626.13

FDR = 0.0049, FC = -0.92



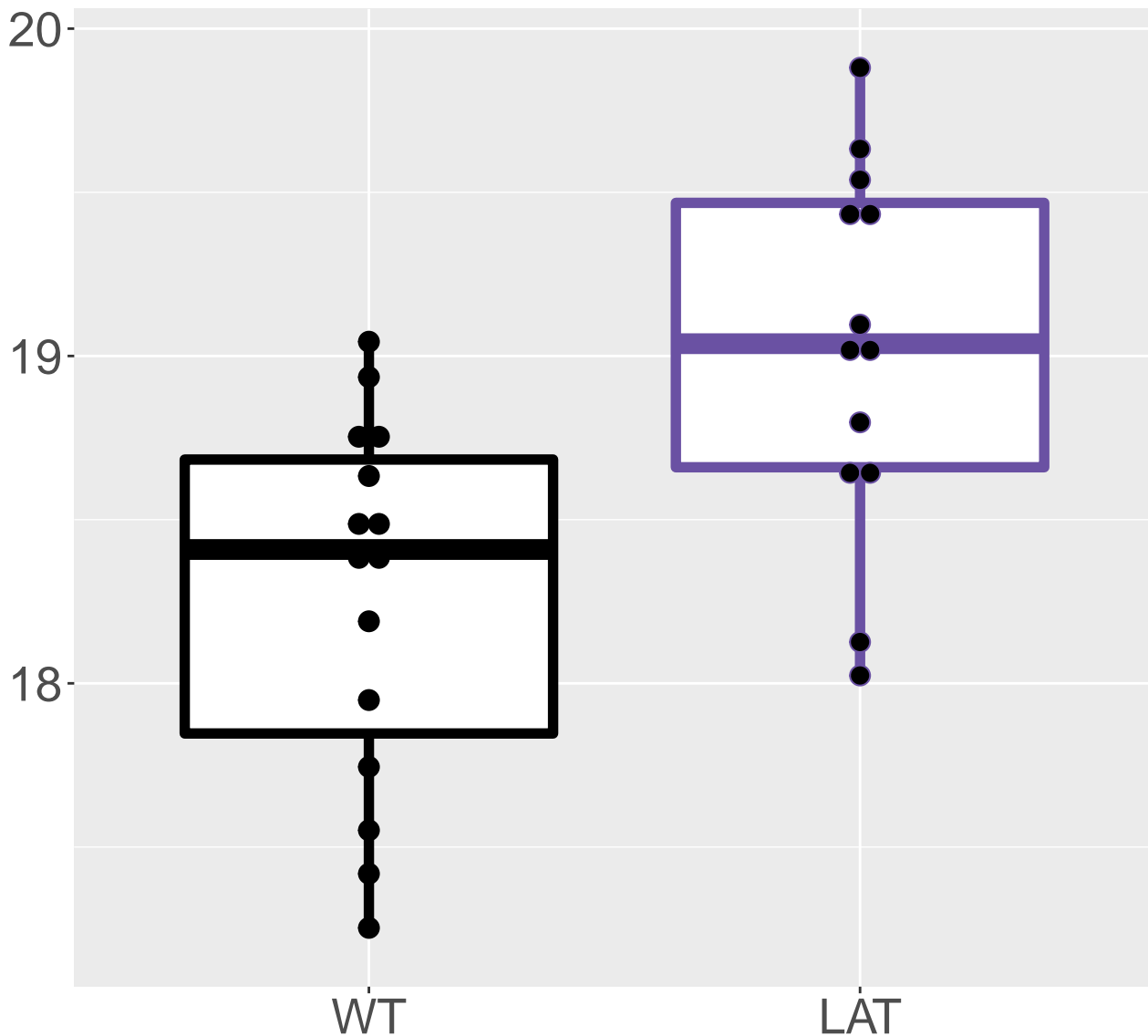
M598.1864T650.34

FDR = 0.0049, FC = -0.9

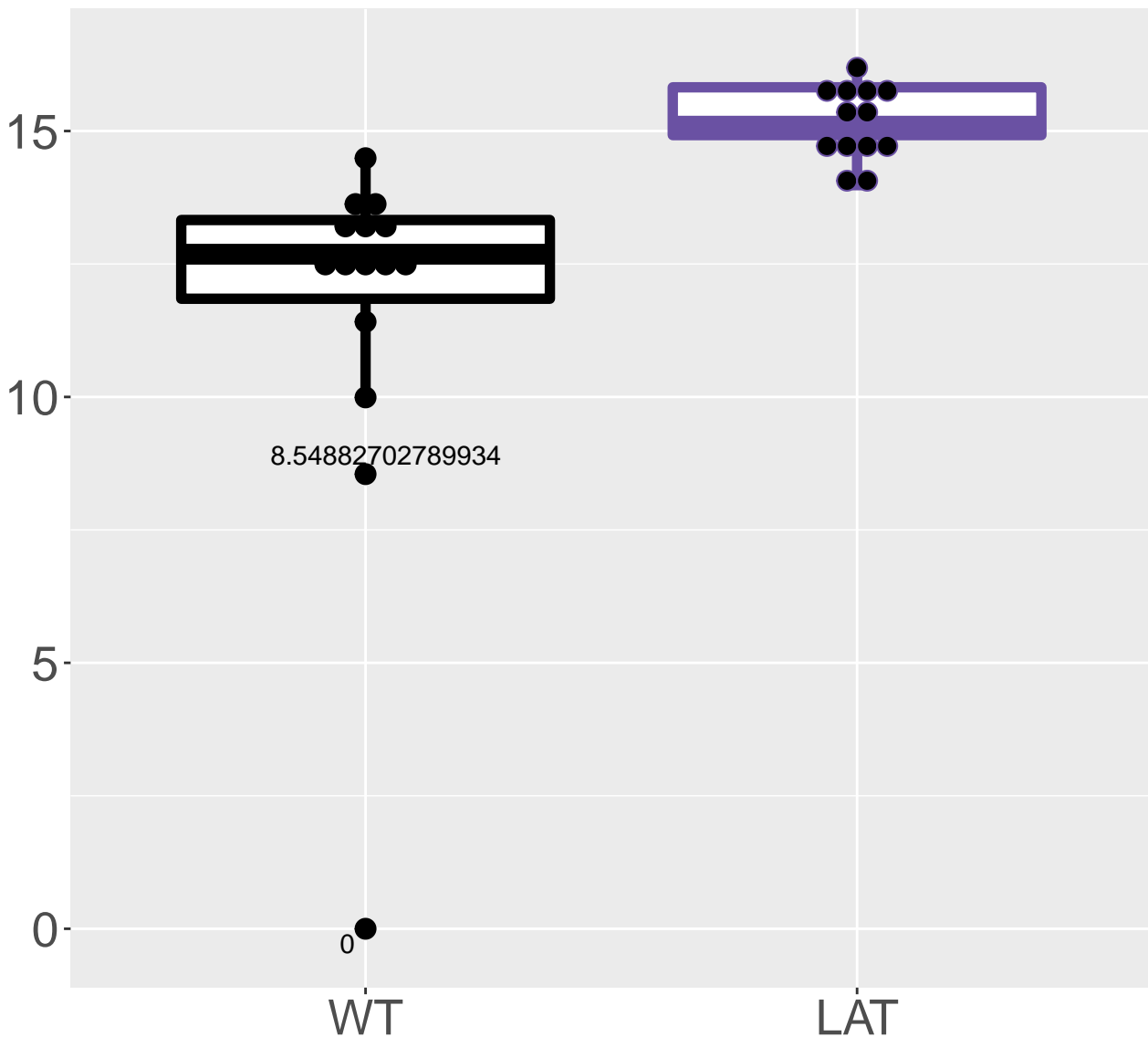


M445.0538T564.41

FDR = 0.0049, FC = 0.76

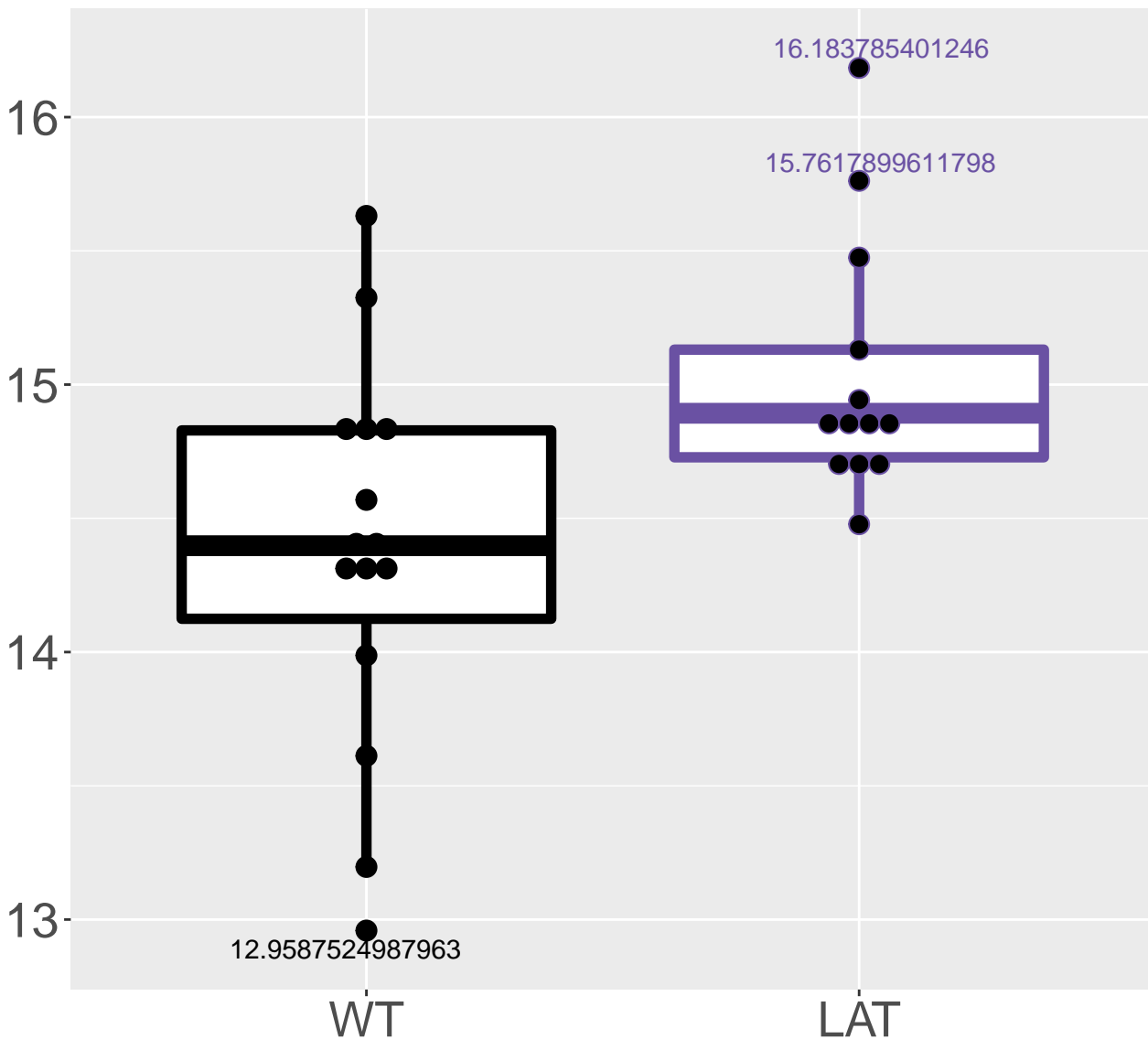


M767.2362T368.97
FDR = 0.0051, FC = 3.6

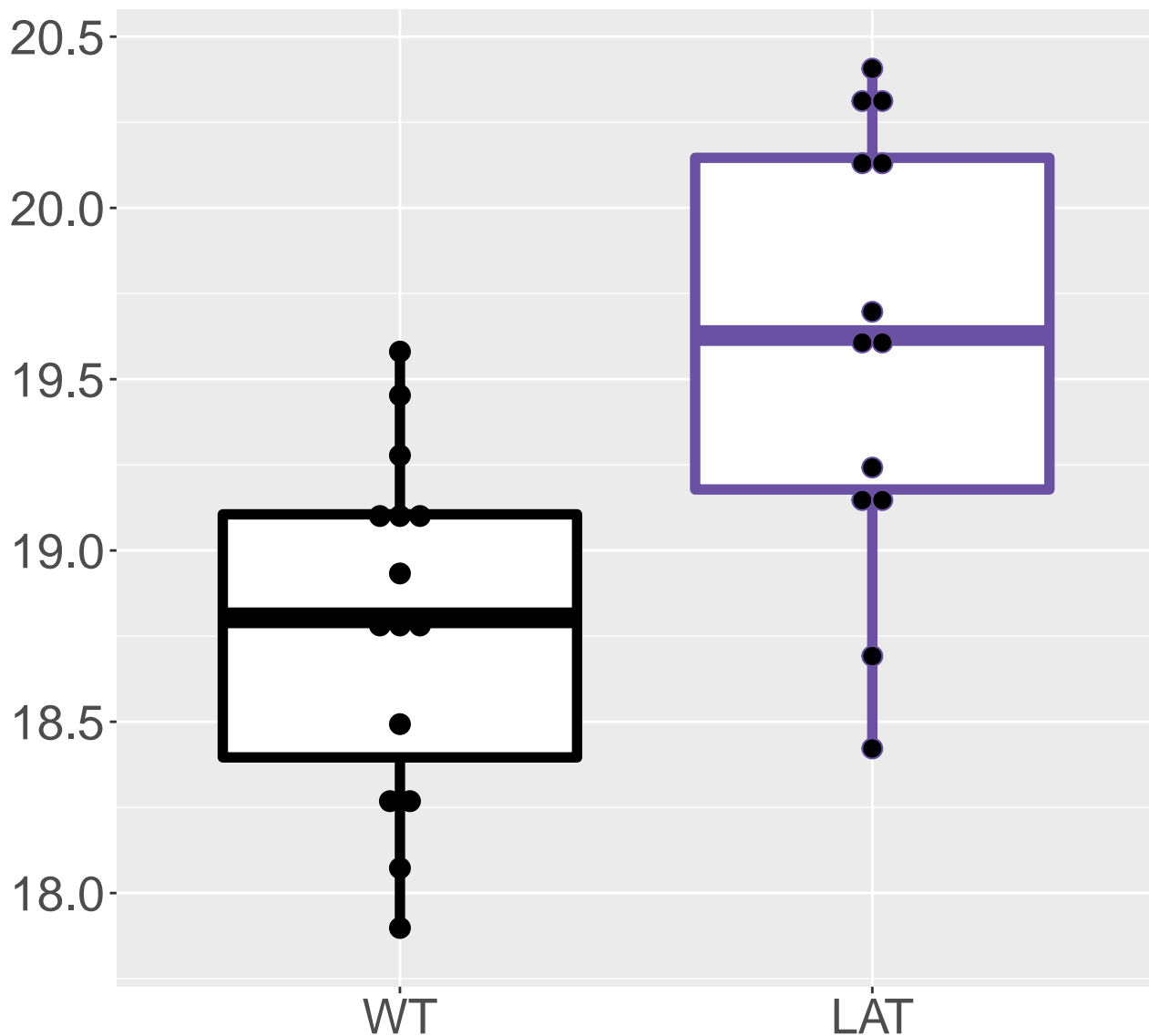


M323.1467T607.73

FDR = 0.0052, FC = 0.67, sex*

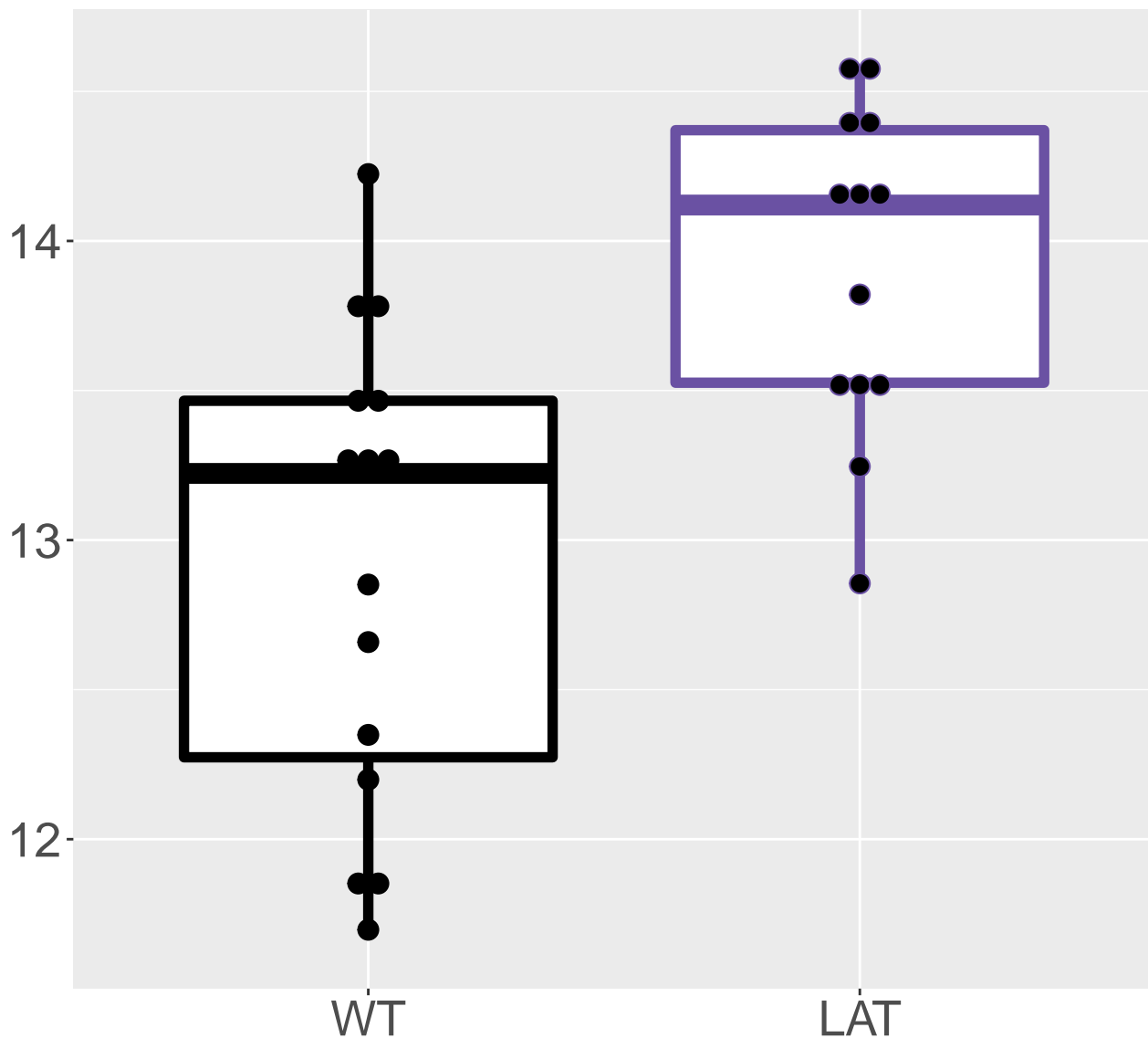


M653.1561T589.13
FDR = 0.0054, FC = 0.81



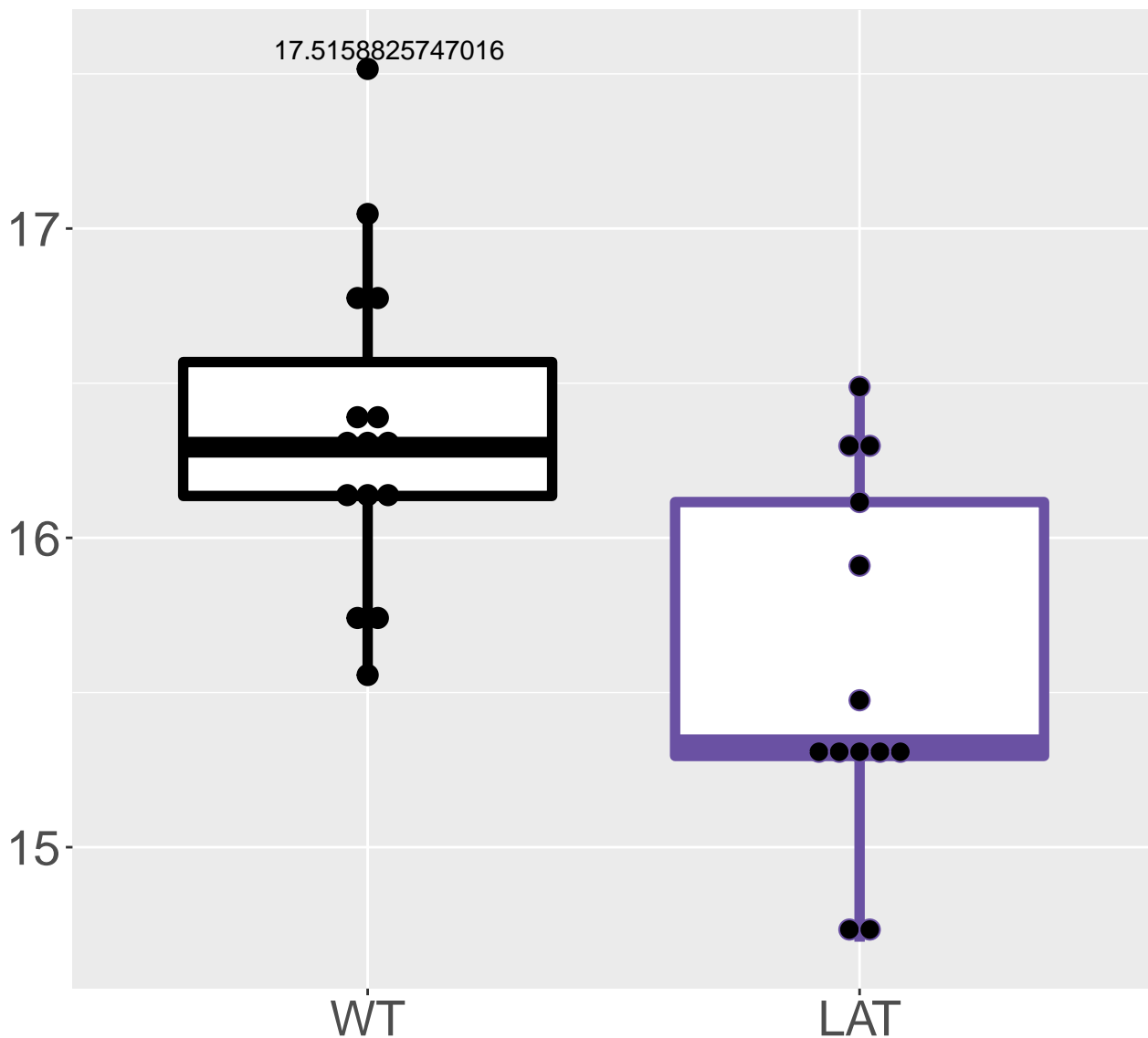
M194.0643T667.26

FDR = 0.0054, FC = 0.98

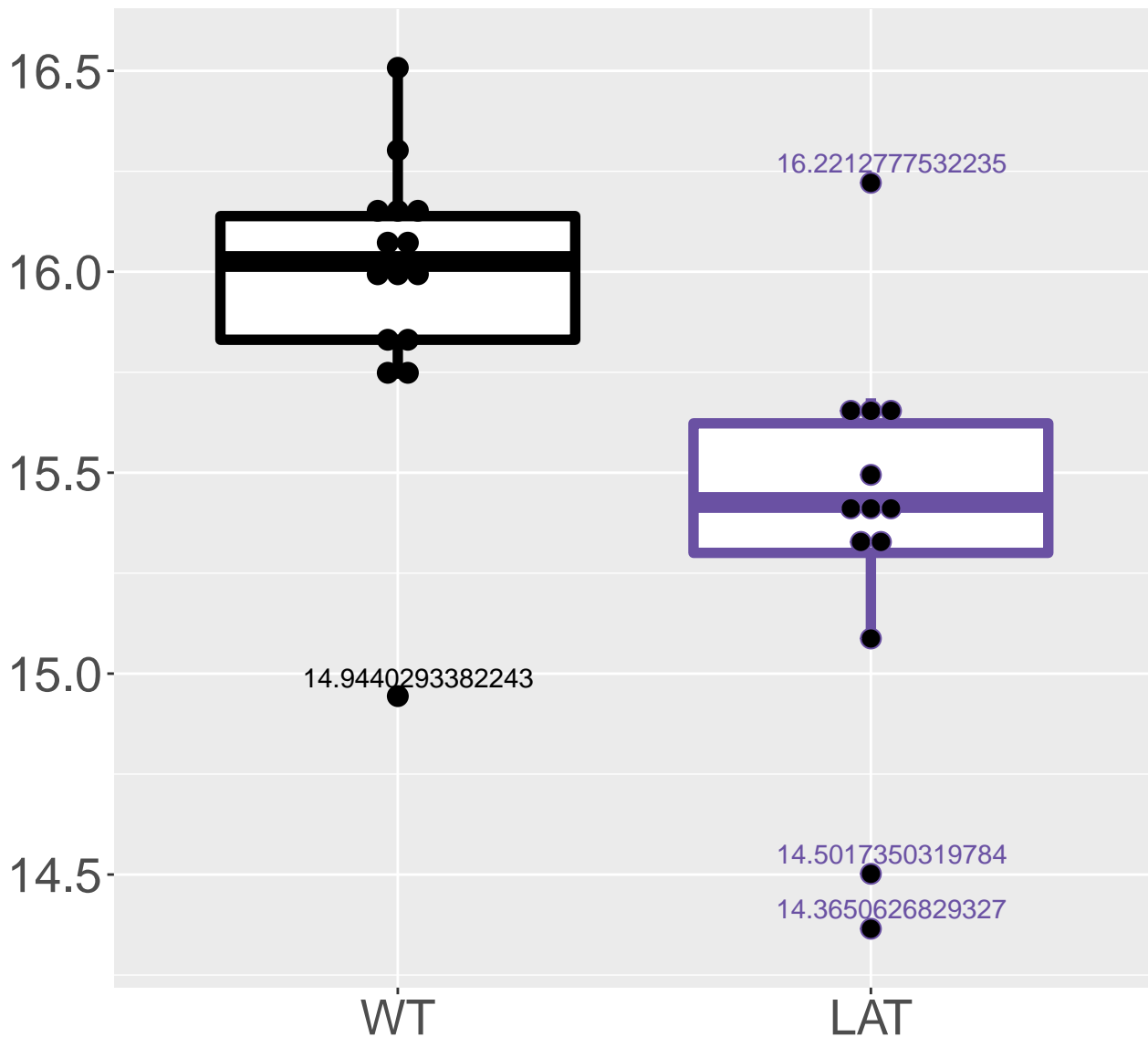


M755.2103T592.58

FDR = 0.0054, FC = -0.77

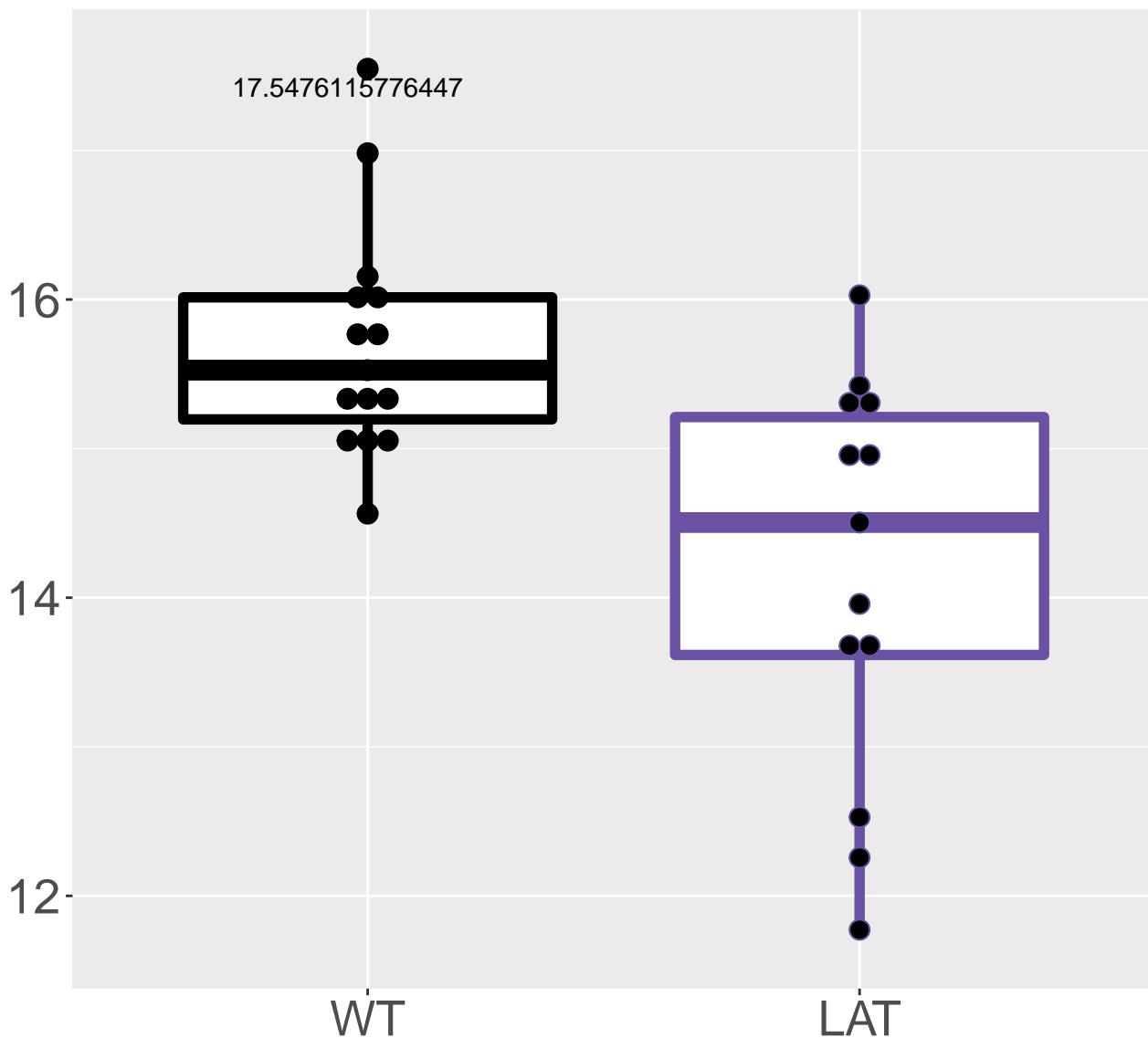


M359.1253T333.78
FDR = 0.0055, FC = -0.62



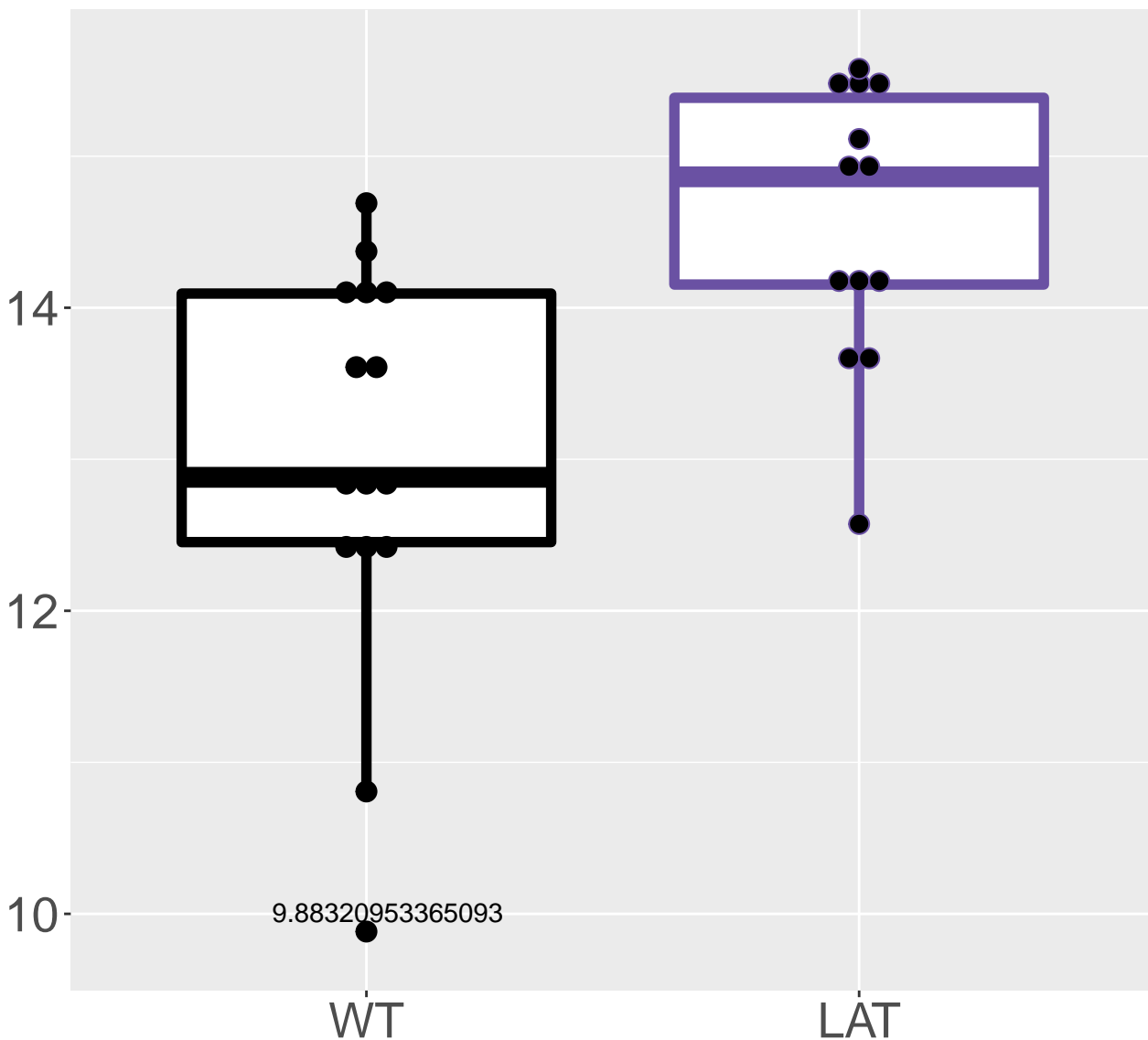
M487.1312T535.64

FDR = 0.0056, FC = -1.5



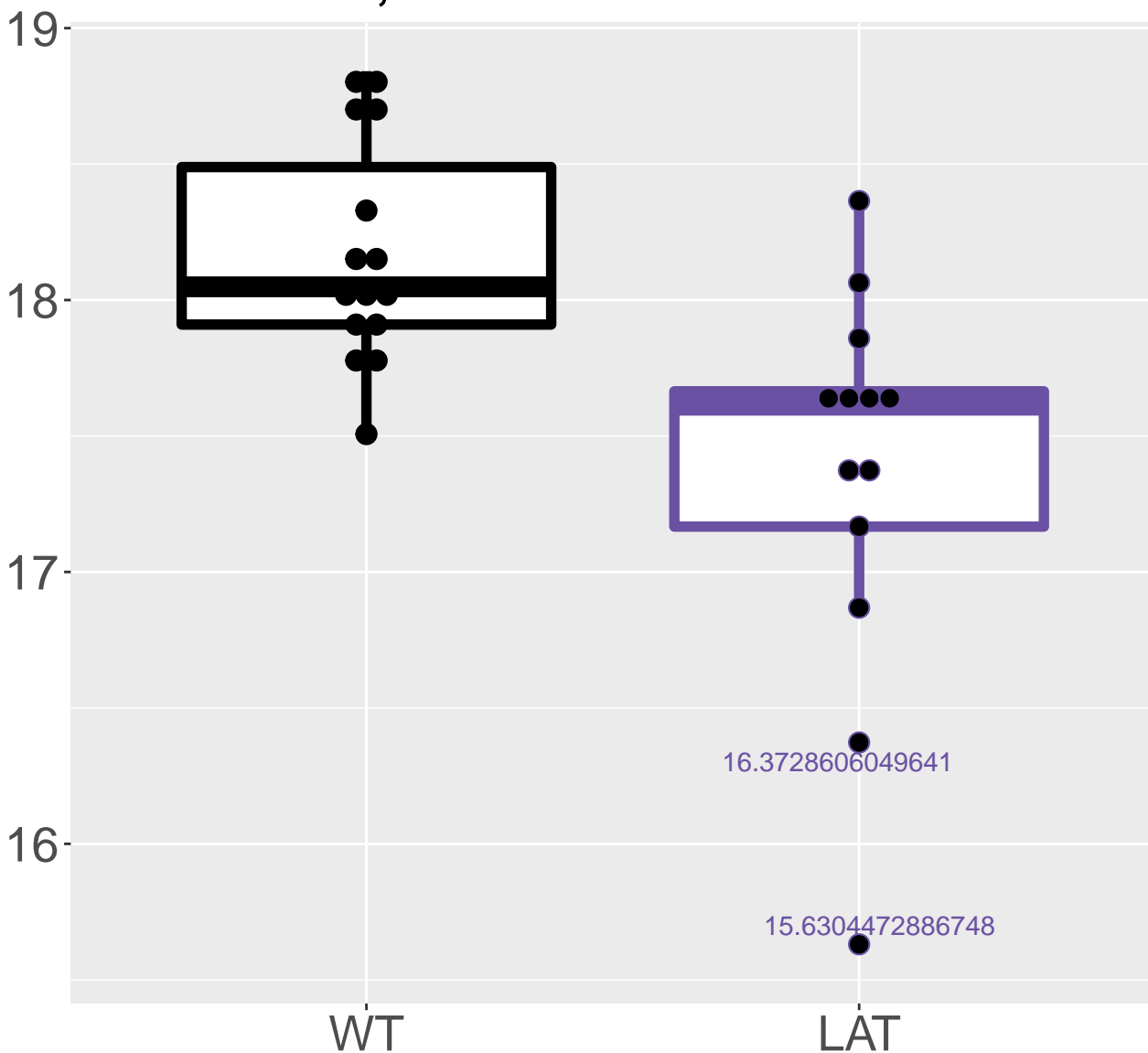
M940.2823T314.28

FDR = 0.0056, FC = 1.6

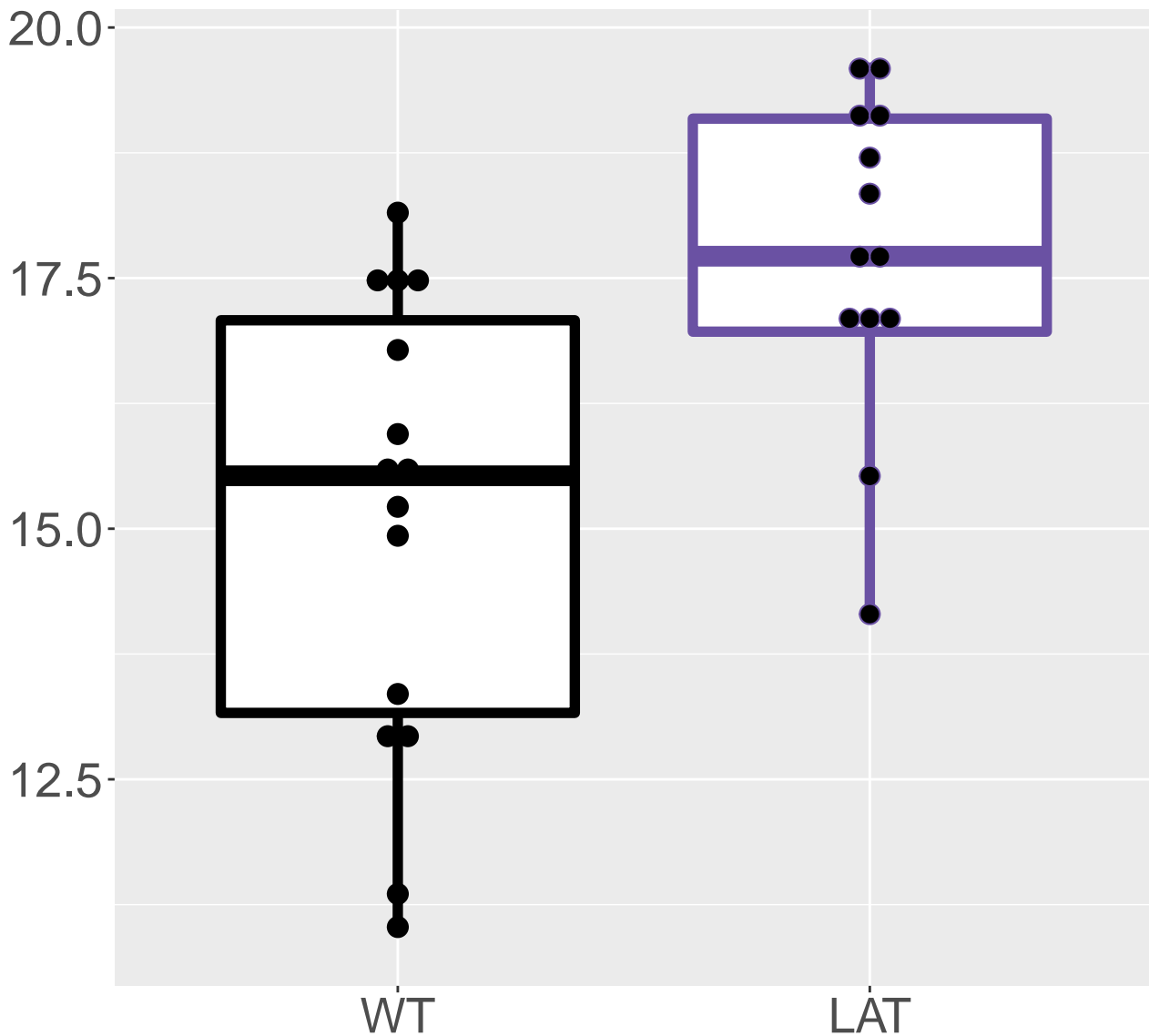


M365.1357T313.41

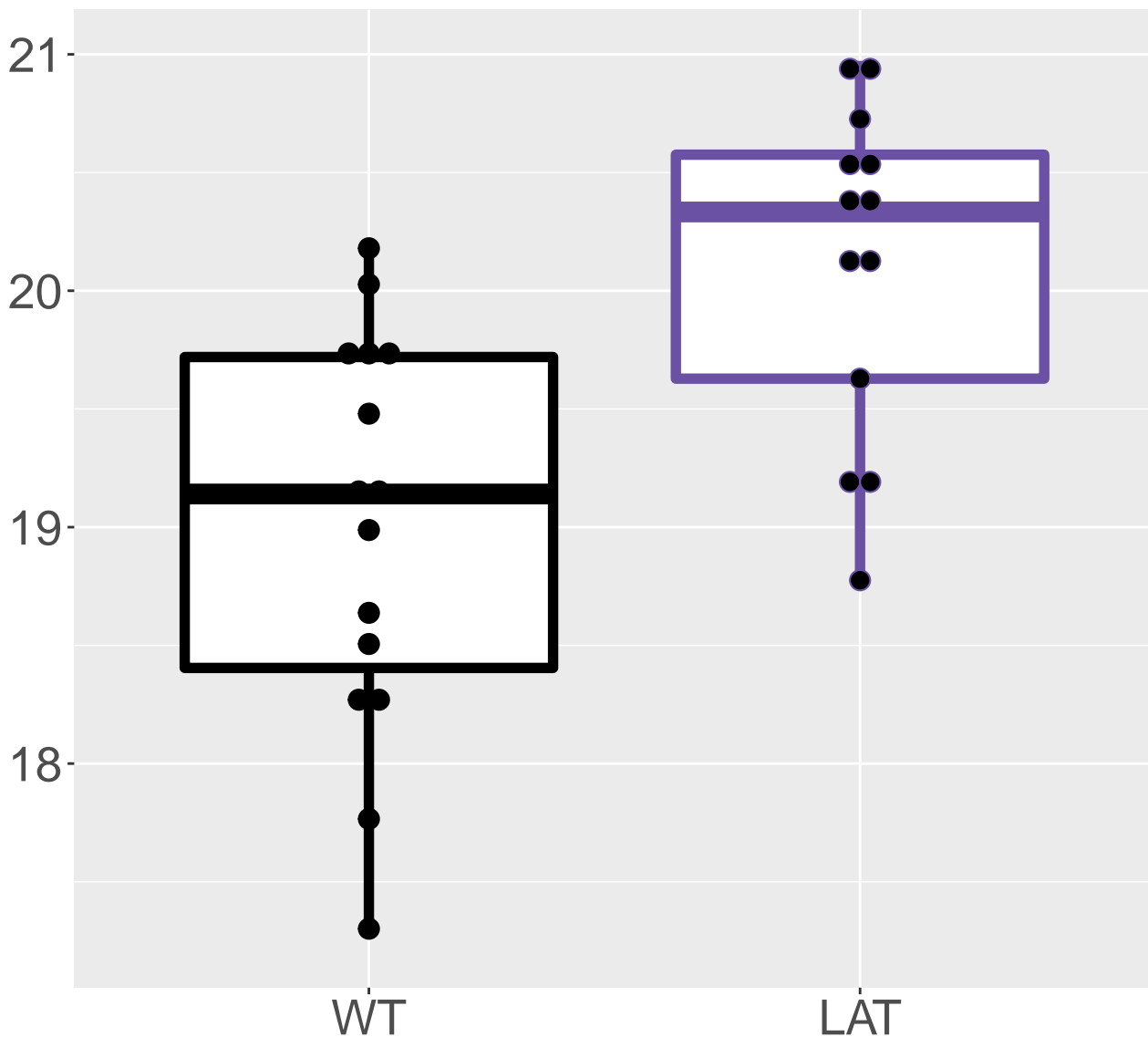
FDR = 0.0056, FC = -0.82



Guanosine 5'-diphosphoglucose;GDP-glucose
FDR = 0.0057, FC = 2.7

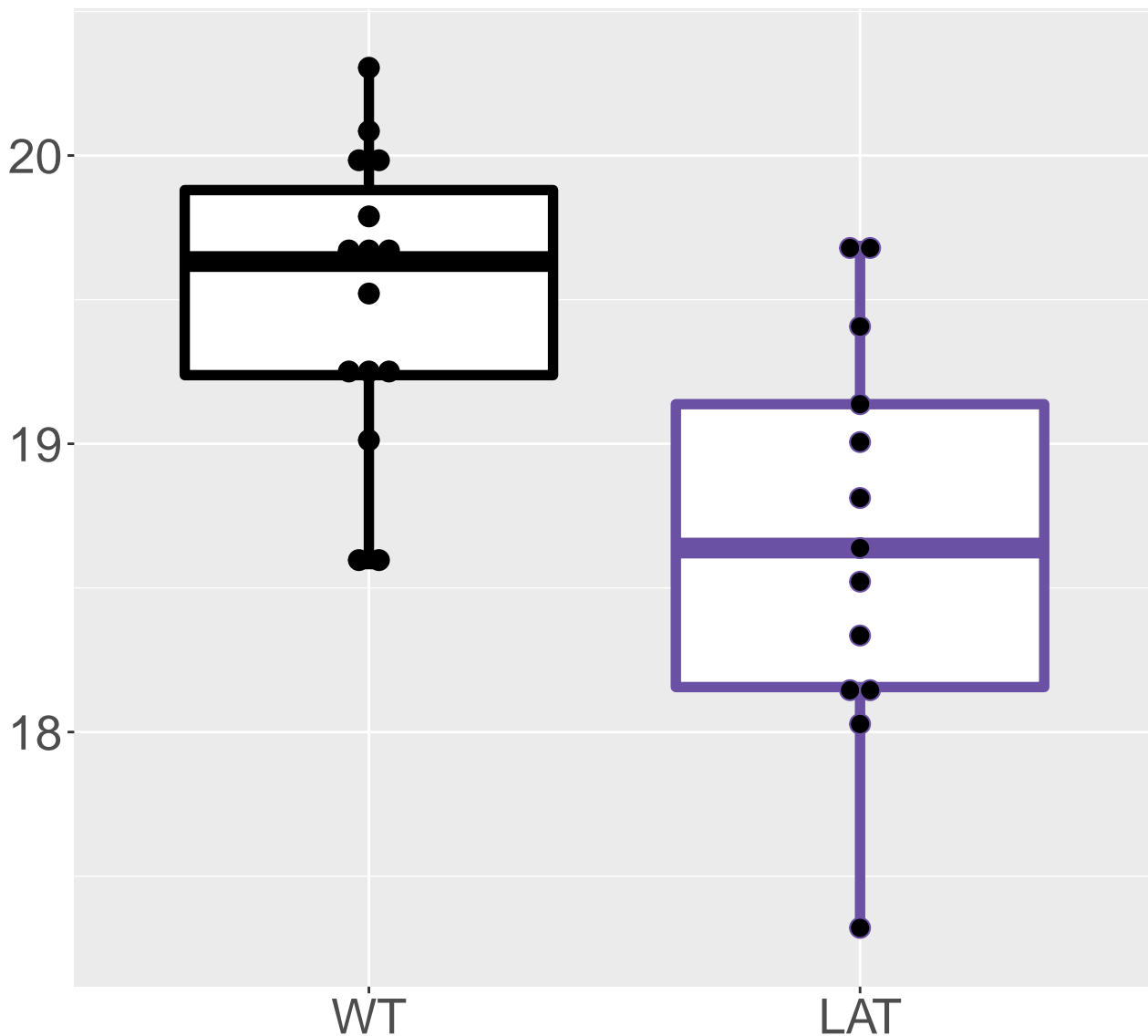


M356.3878T589.52
FDR = 0.0057, FC = 1.1



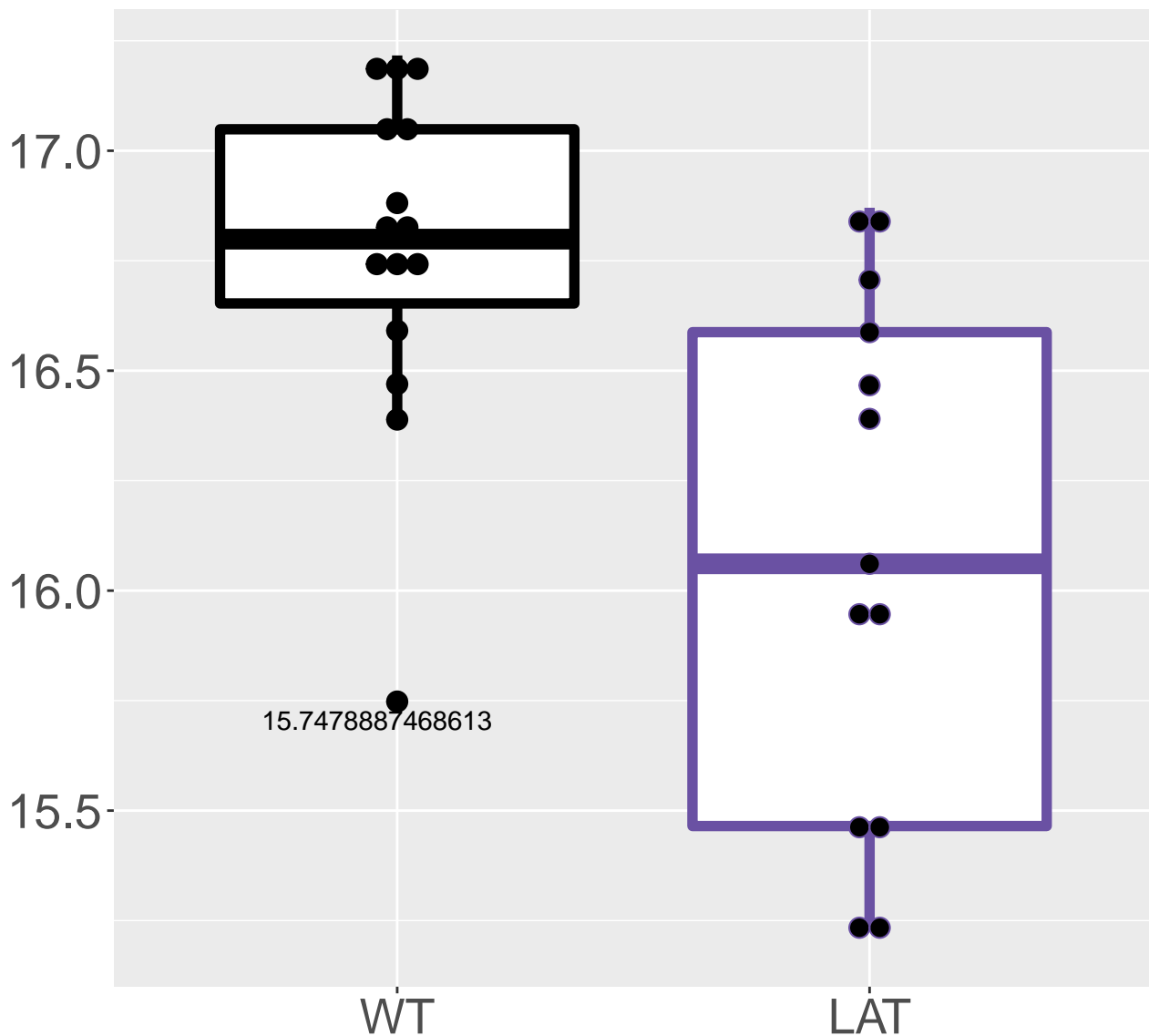
M570.1941T233.37

FDR = 0.0057, FC = -0.83



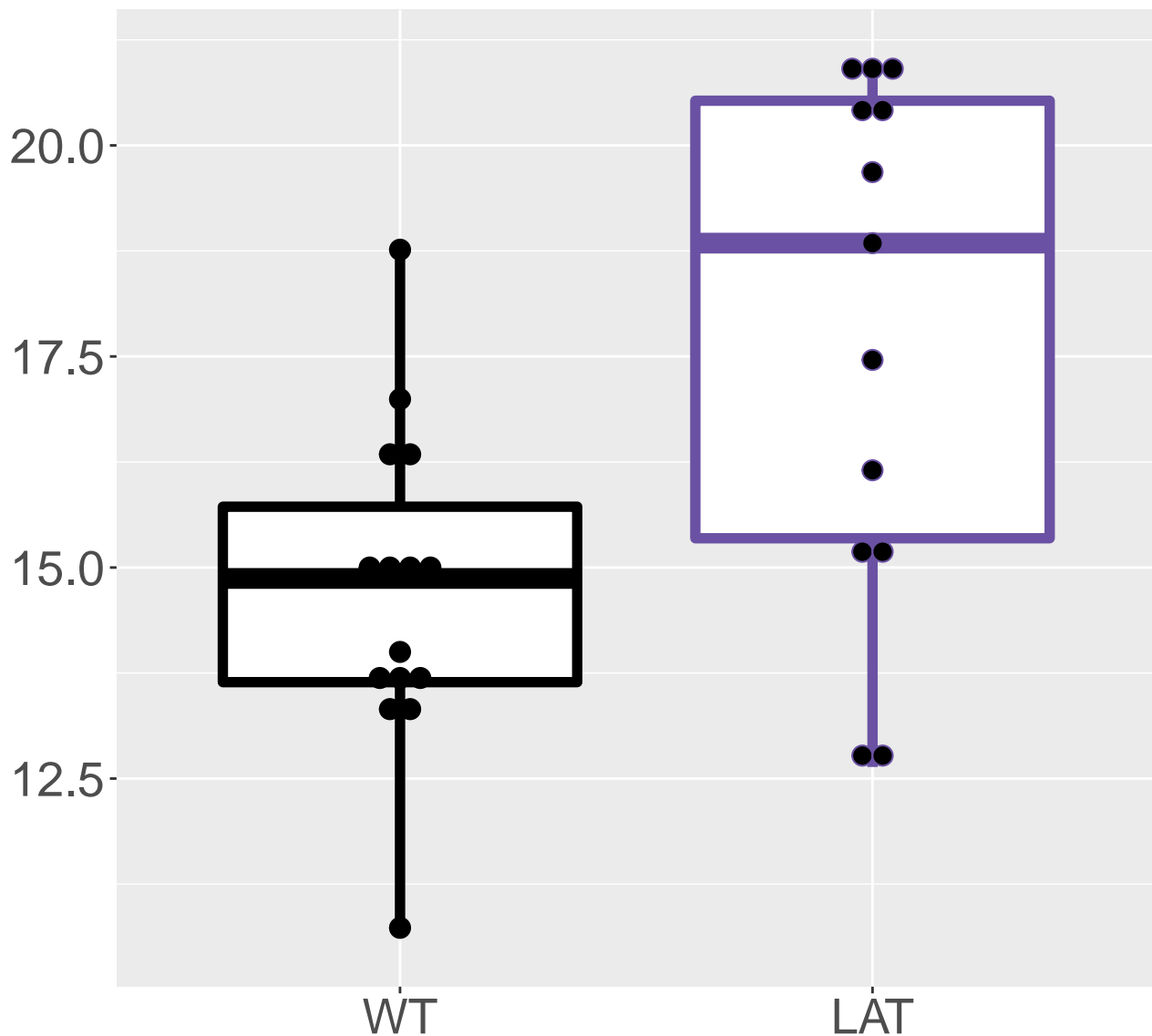
M391.1131T555.93

FDR = 0.0057, FC = -0.69



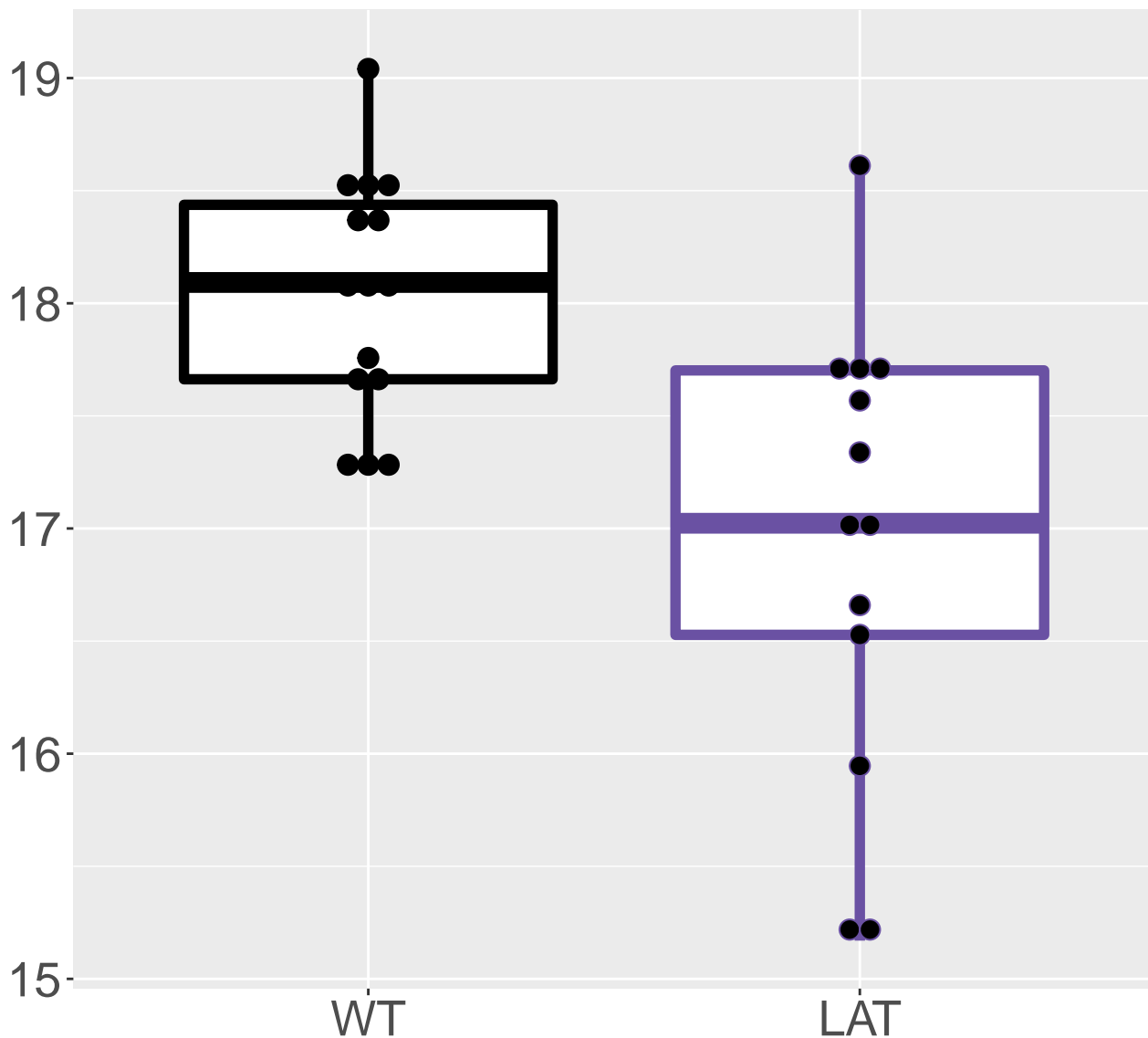
M195.0446T272.27

FDR = 0.0058, FC = 3.1, sex*



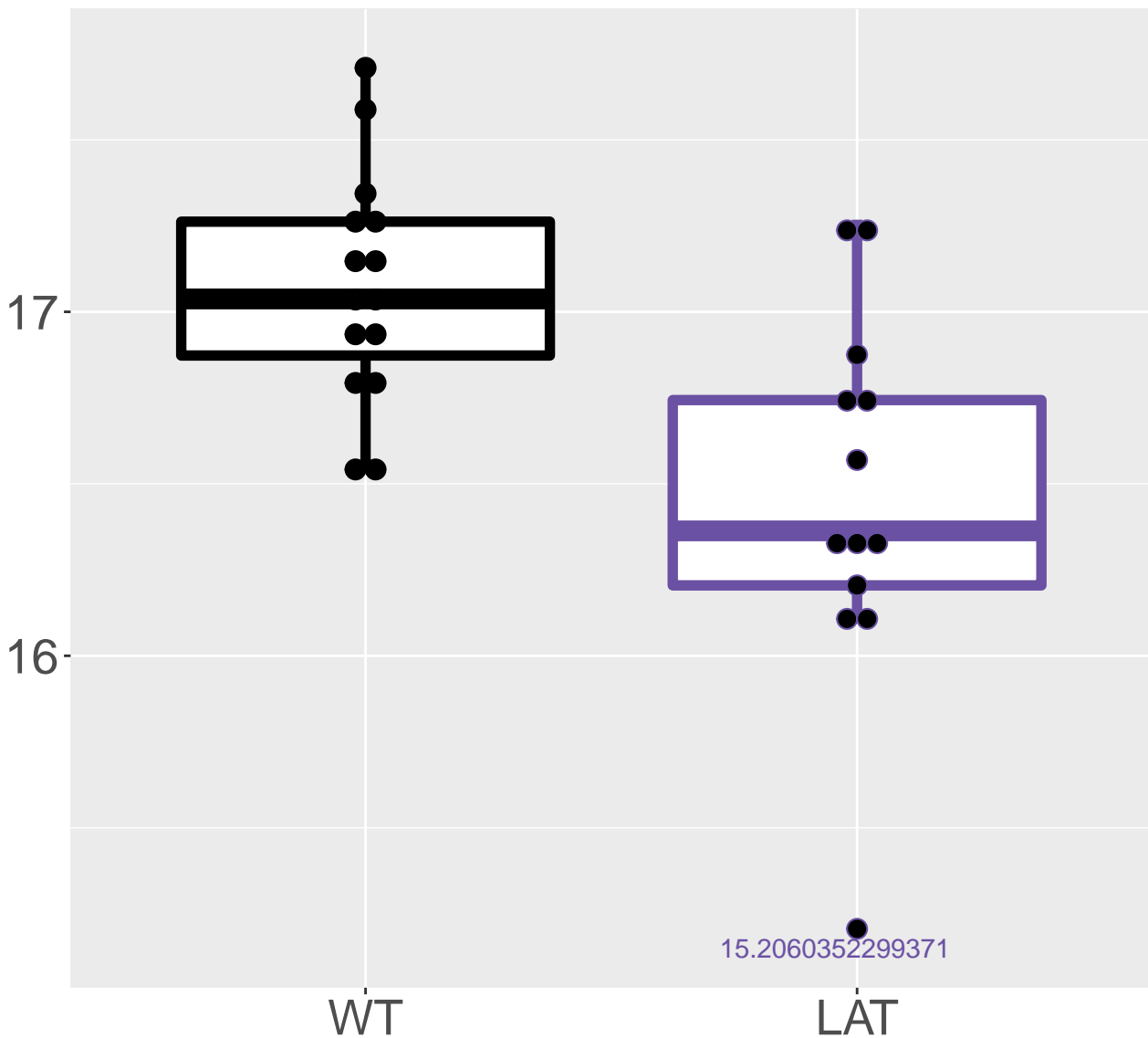
M248.0778T397.08

FDR = 0.0059, FC = -1.1

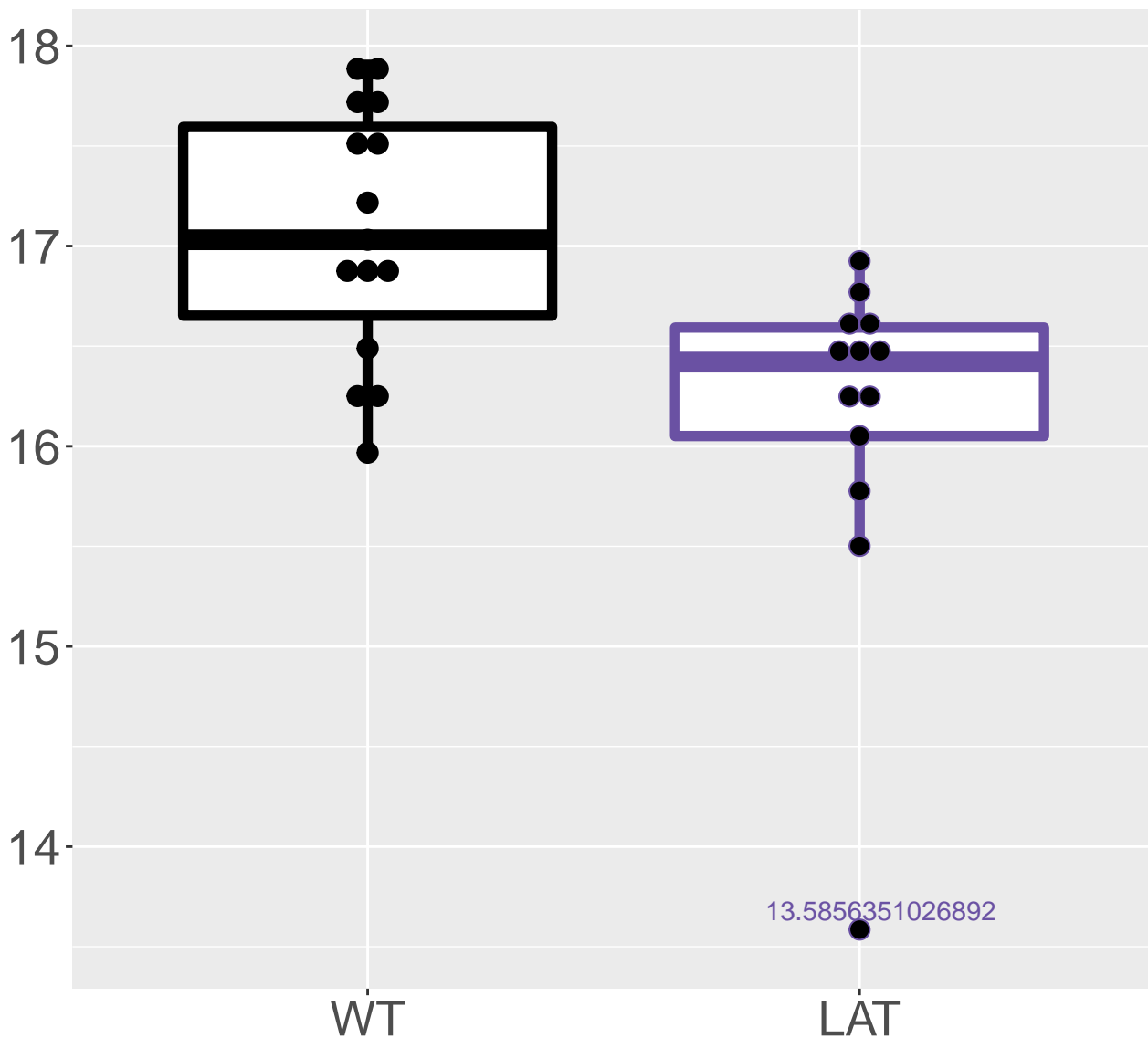


M830.994T548.76

FDR = 0.0059, FC = -0.61

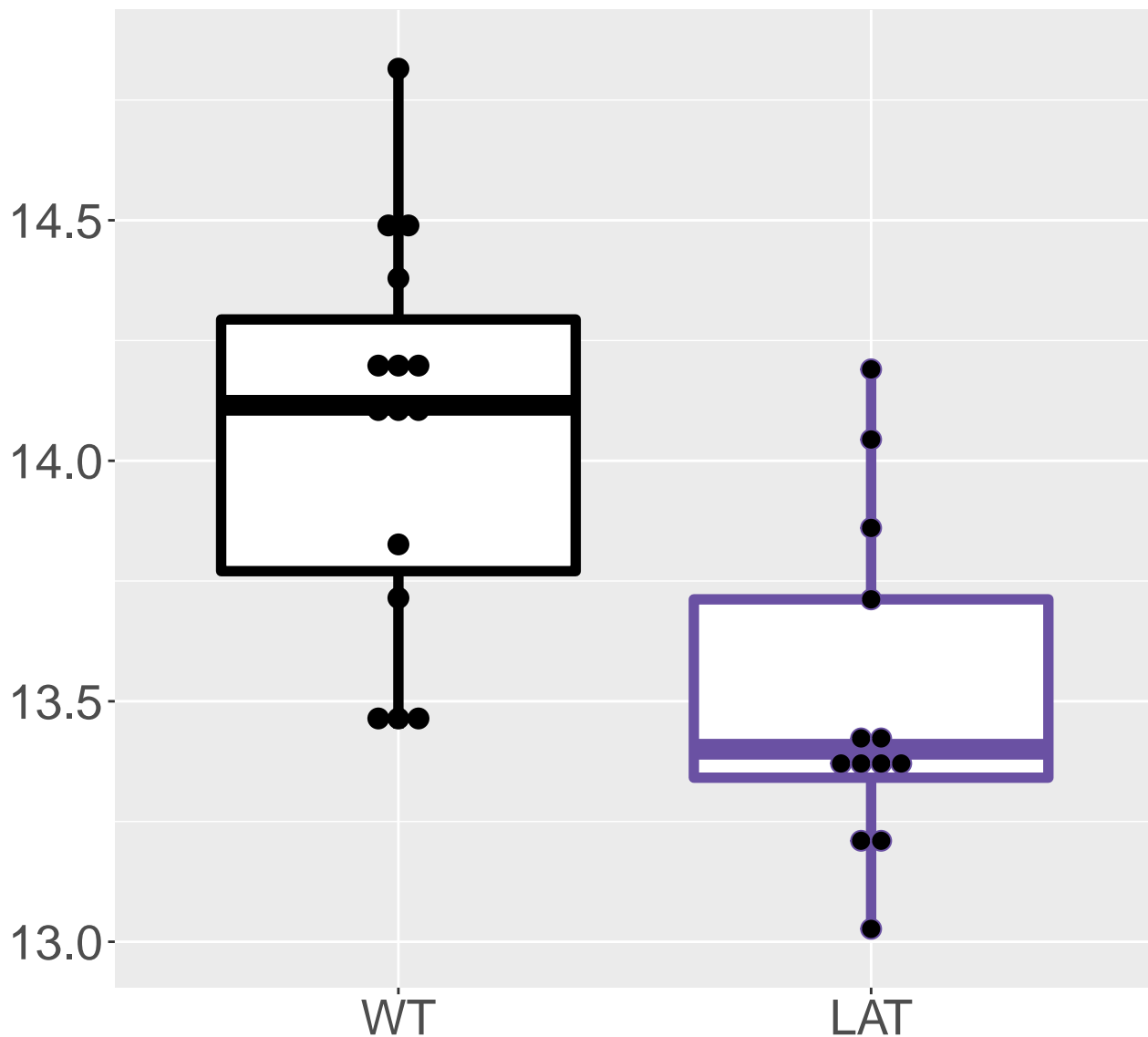


M558.4611T78.21
FDR = 0.0059, FC = -0.93

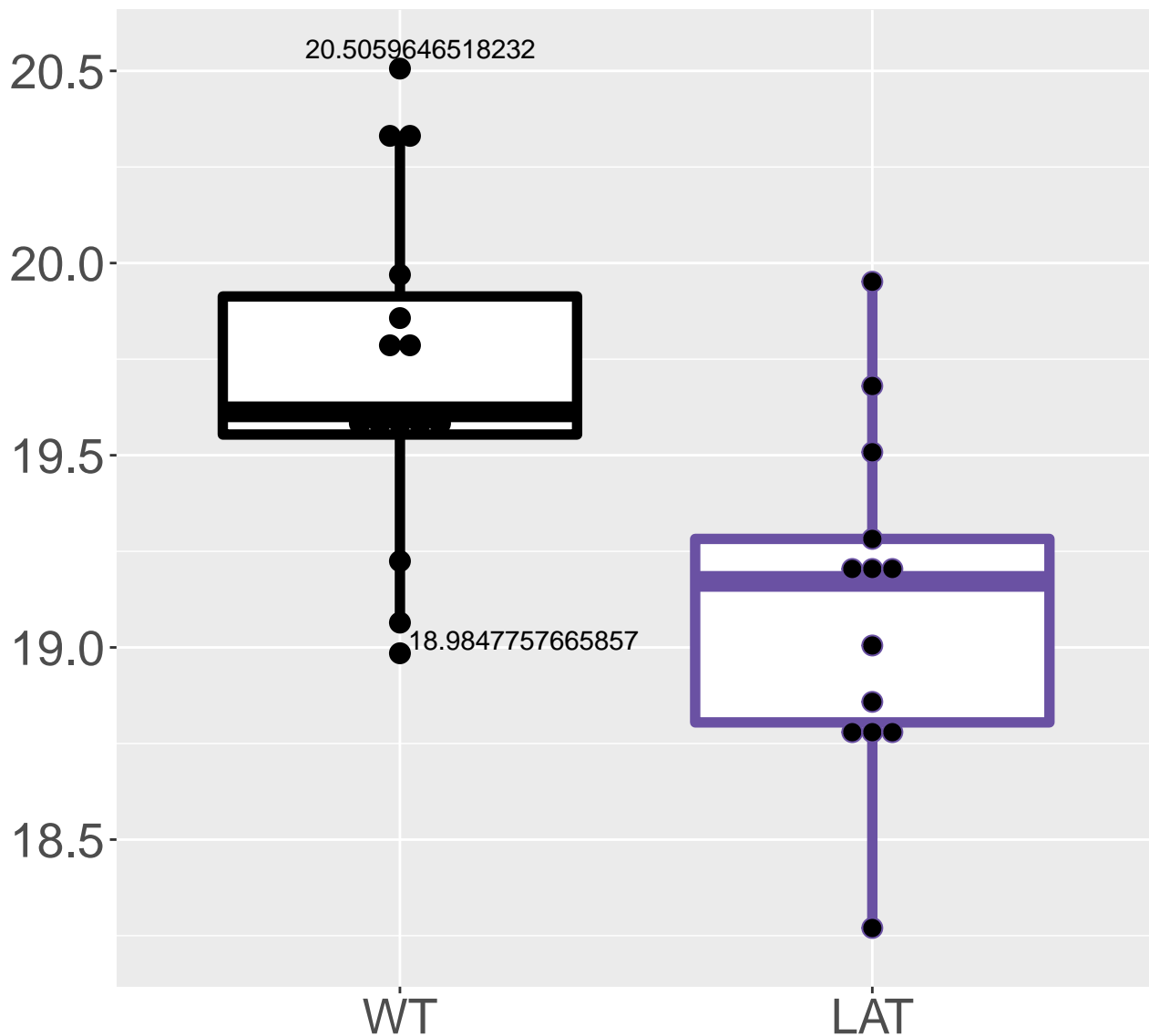


M957.2814T635.39

FDR = 0.0059, FC = -0.56

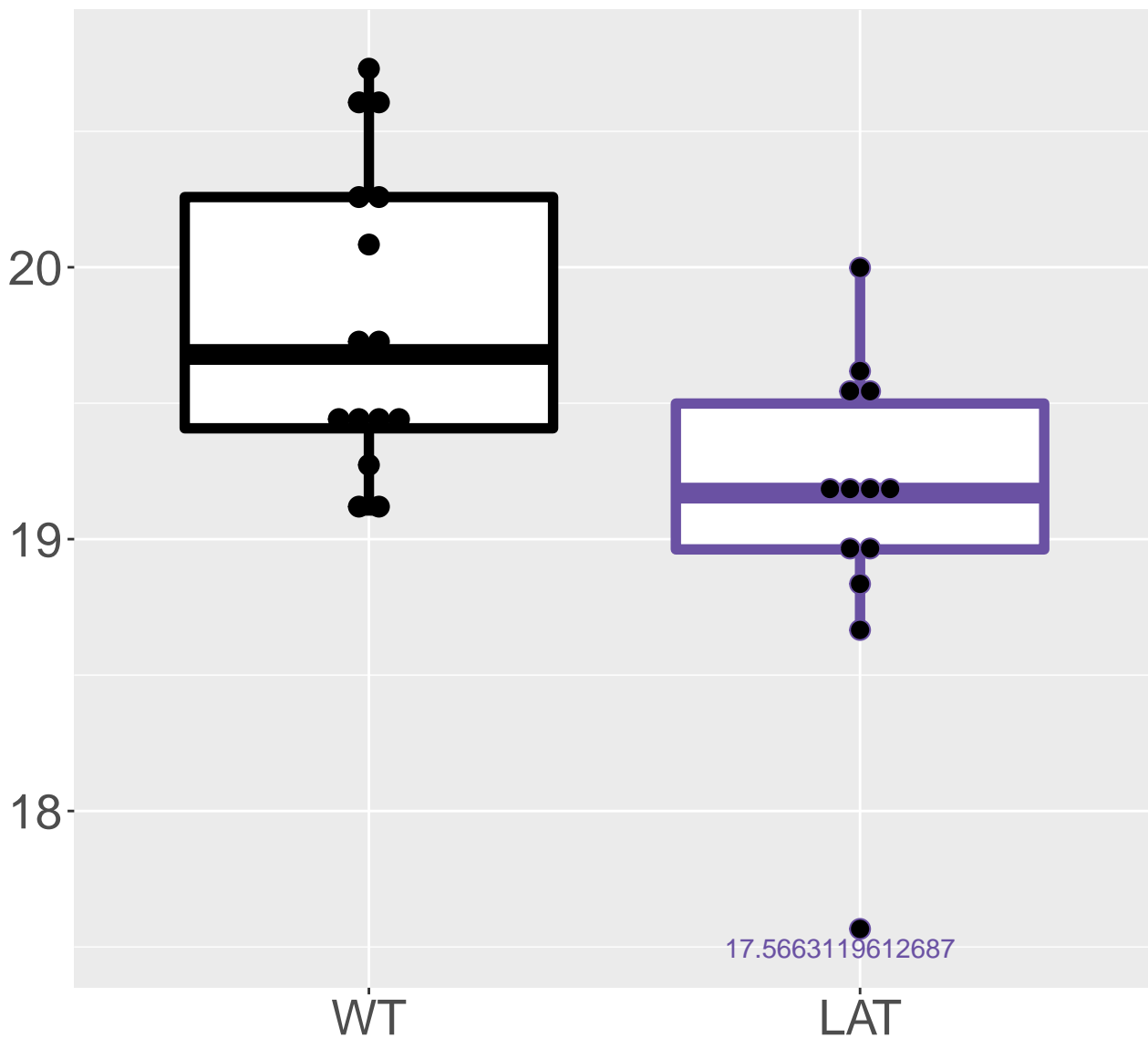


M387.115T536.92
FDR = 0.006, FC = -0.6



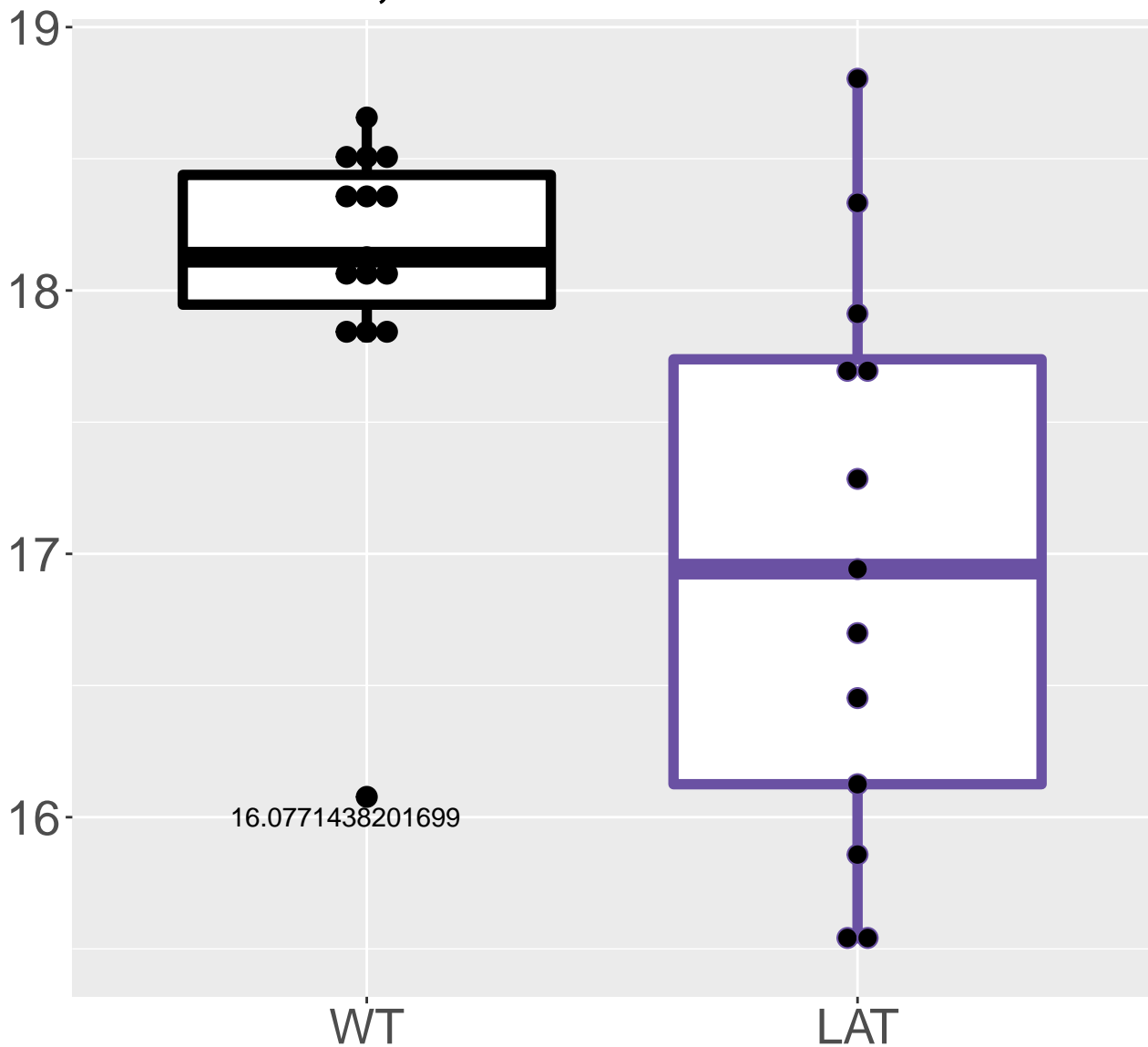
M536.4771T78.29

FDR = 0.0061, FC = -0.71



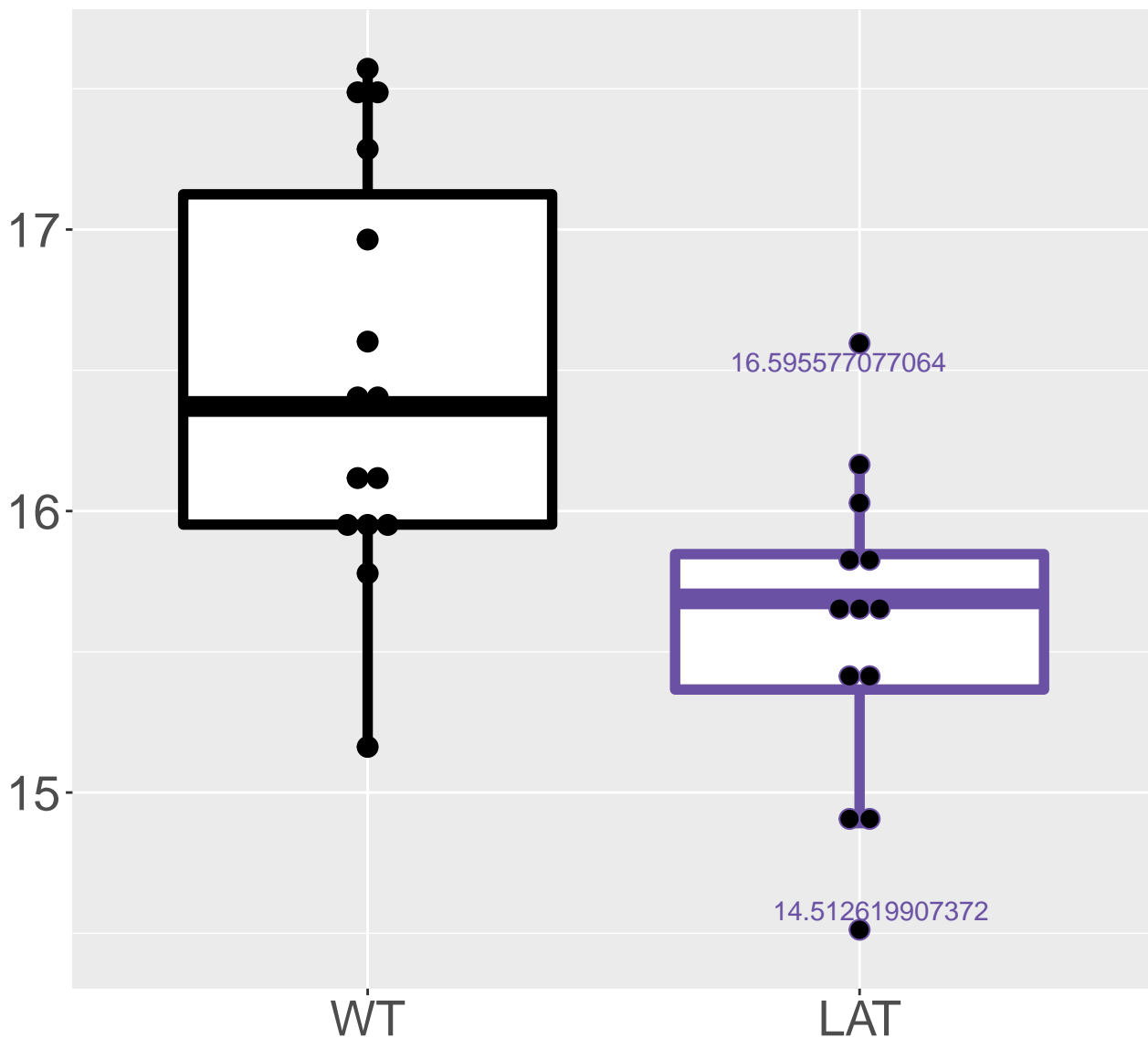
M222.1349T227.35

FDR = 0.0062, FC = -1.1

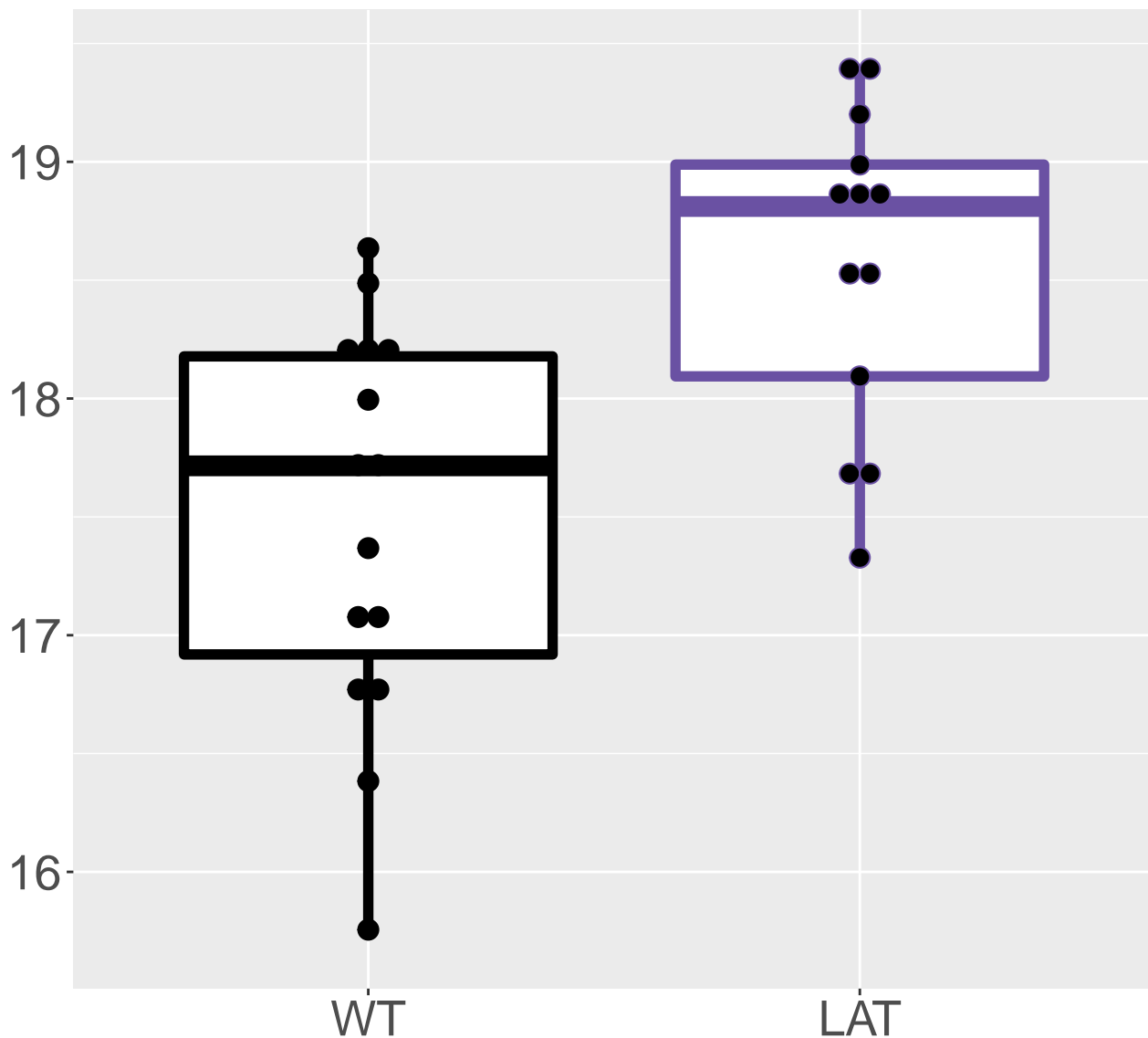


M244.023T545.06

FDR = 0.0062, FC = -0.9

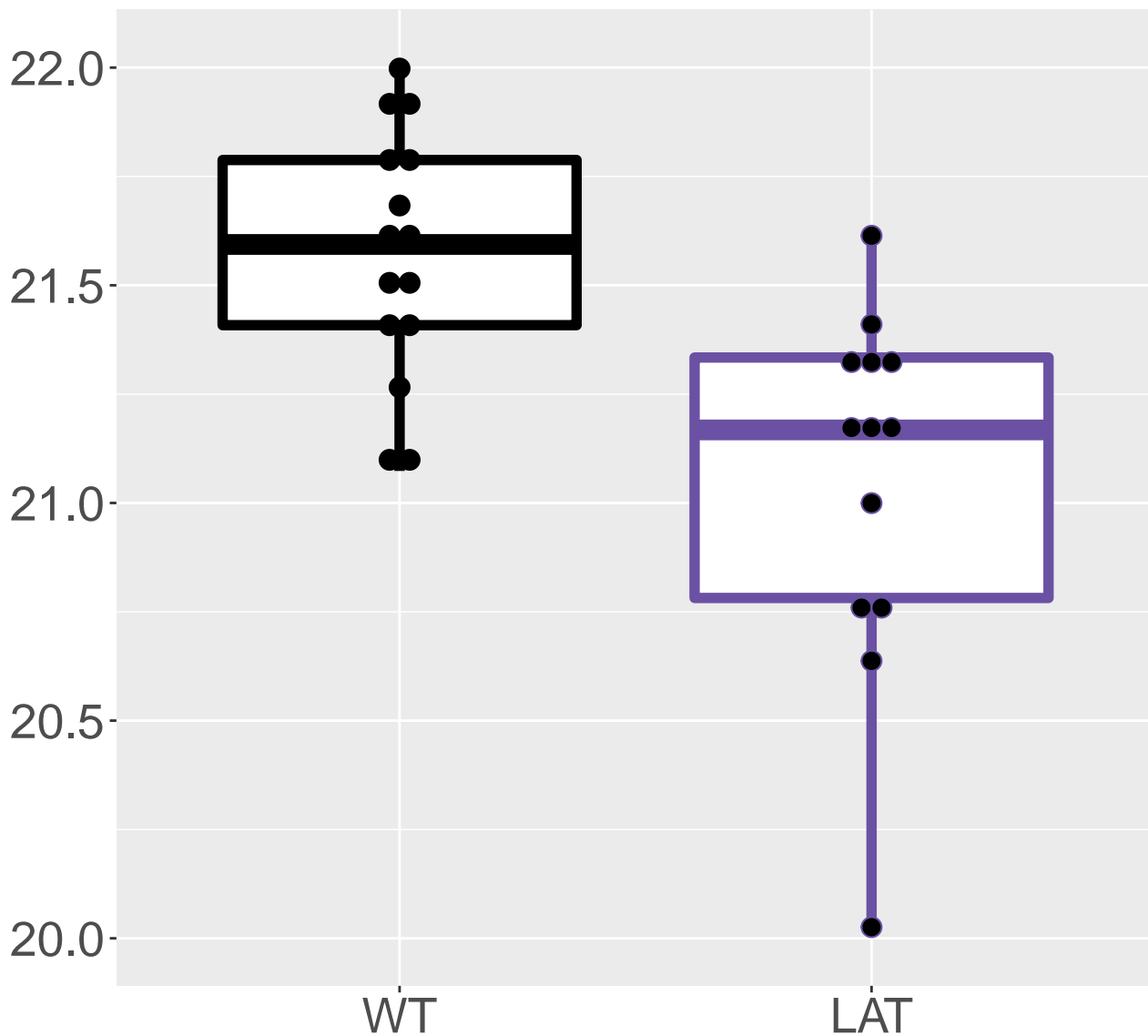


M356.7222T589.57_1
FDR = 0.0062, FC = 1.1

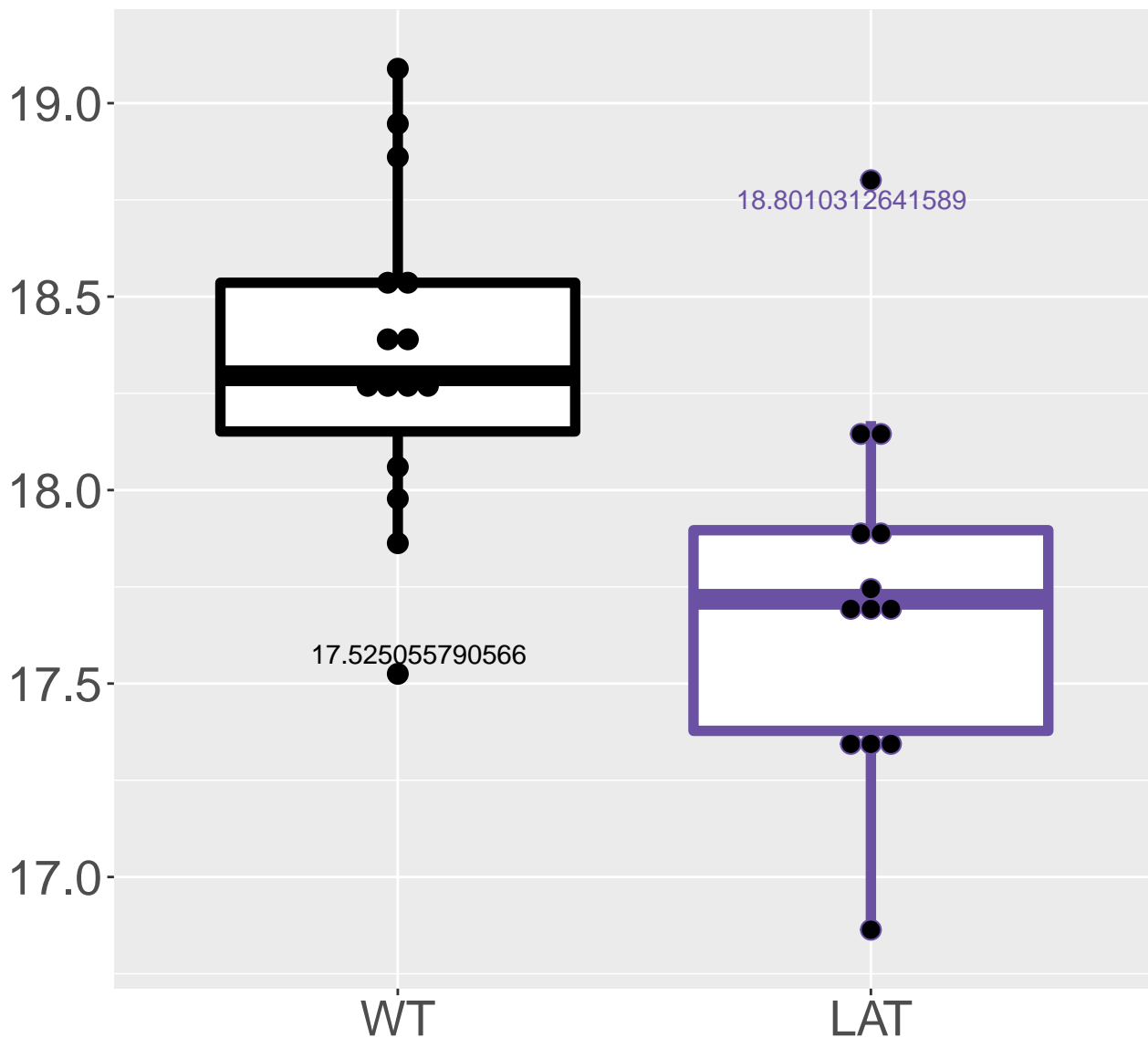


M264.0741T272.63

FDR = 0.0062, FC = -0.52

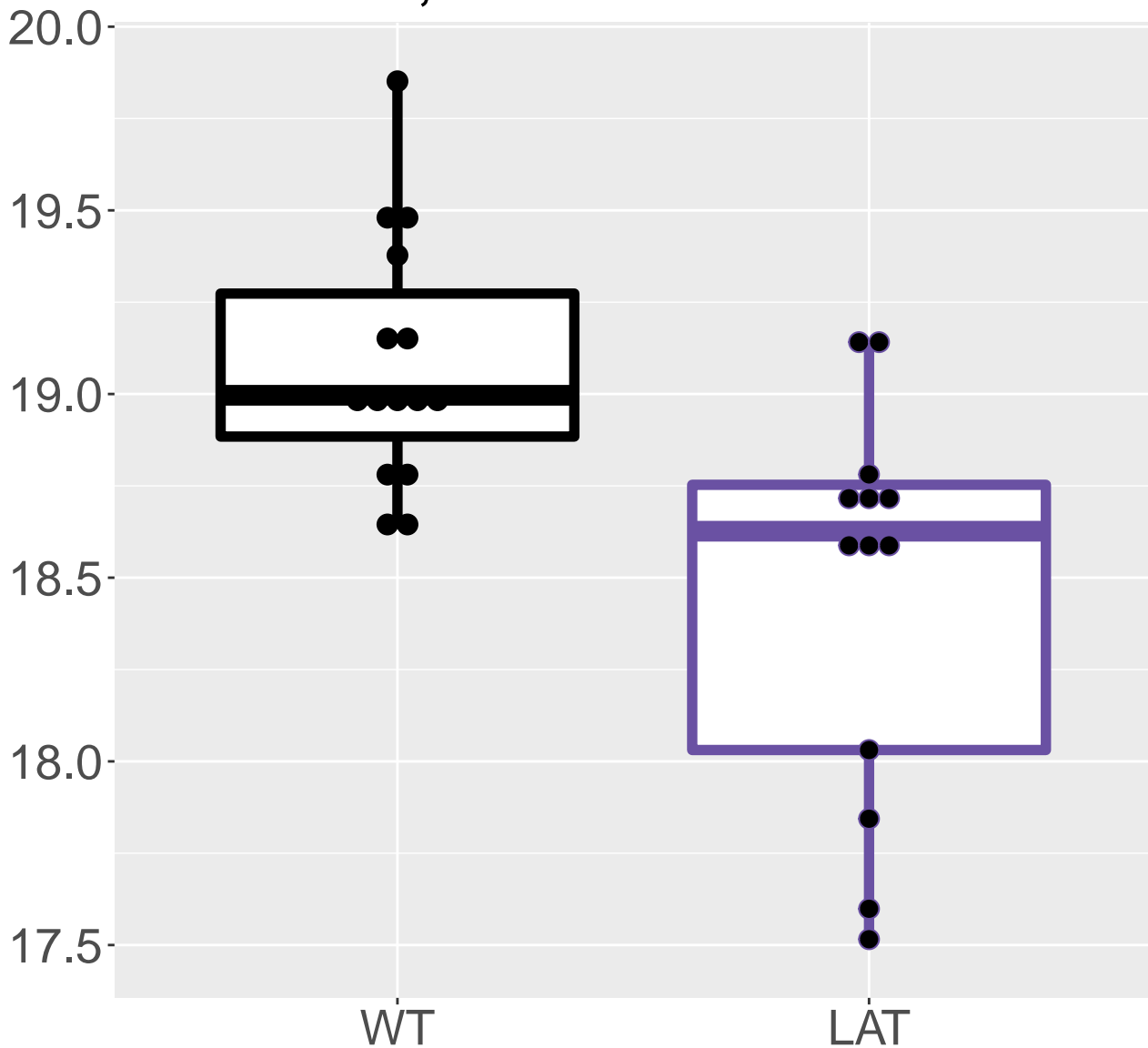


FDR = 0.0064, FC = -0.61

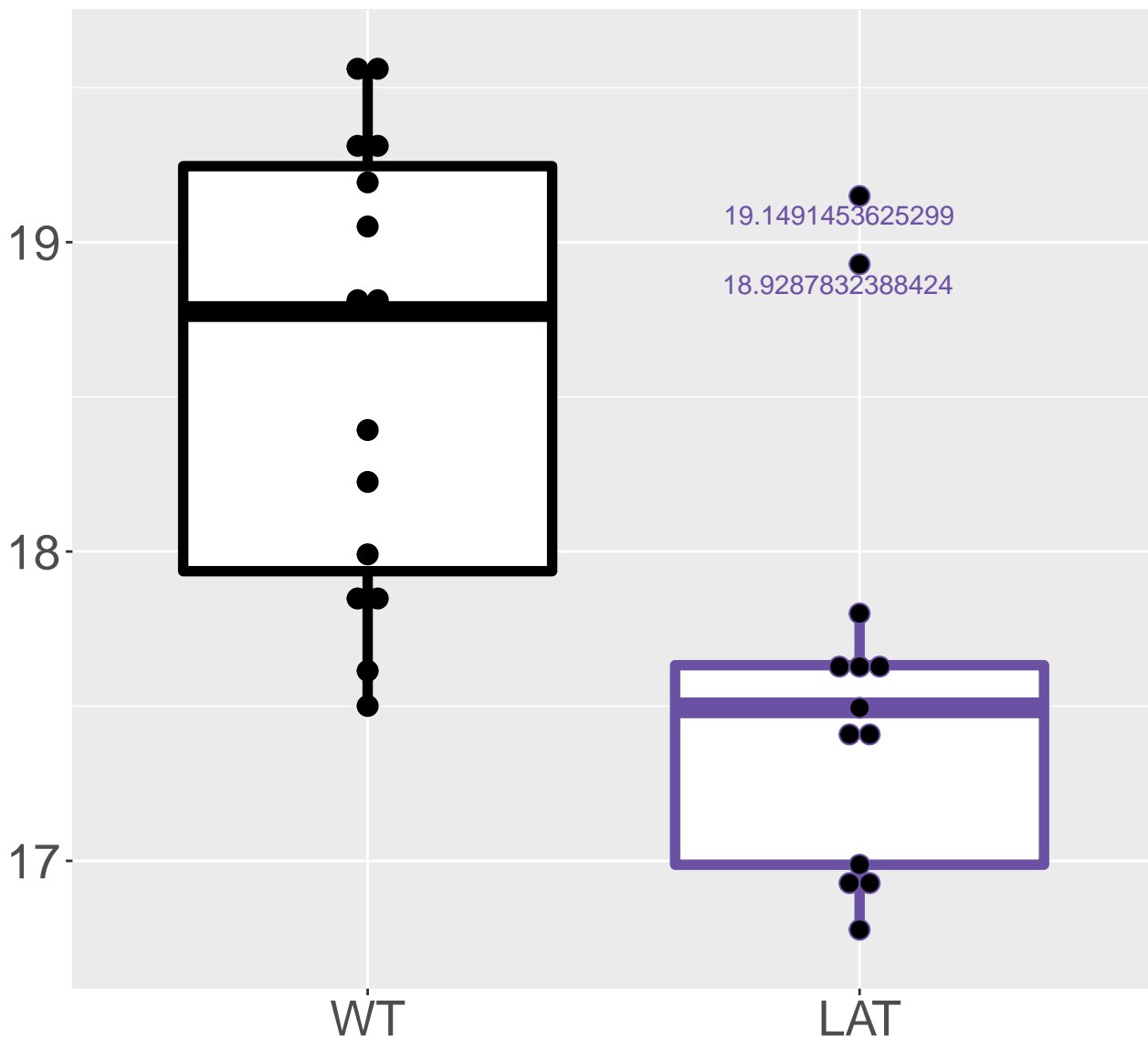


M147.0493T311.76

FDR = 0.0065, FC = -0.63

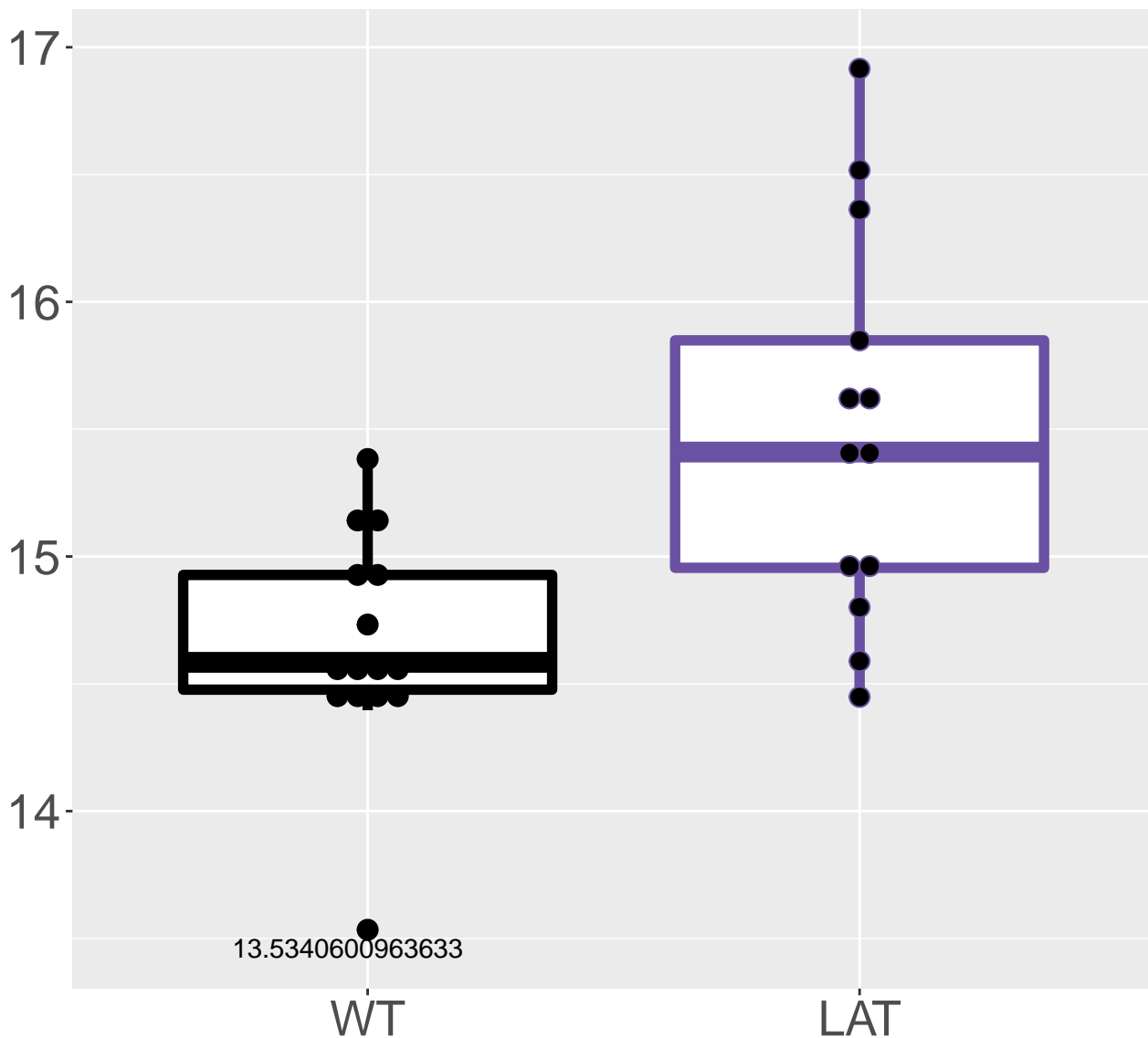


M385.6064T590.44_1
FDR = 0.0065, FC = -1



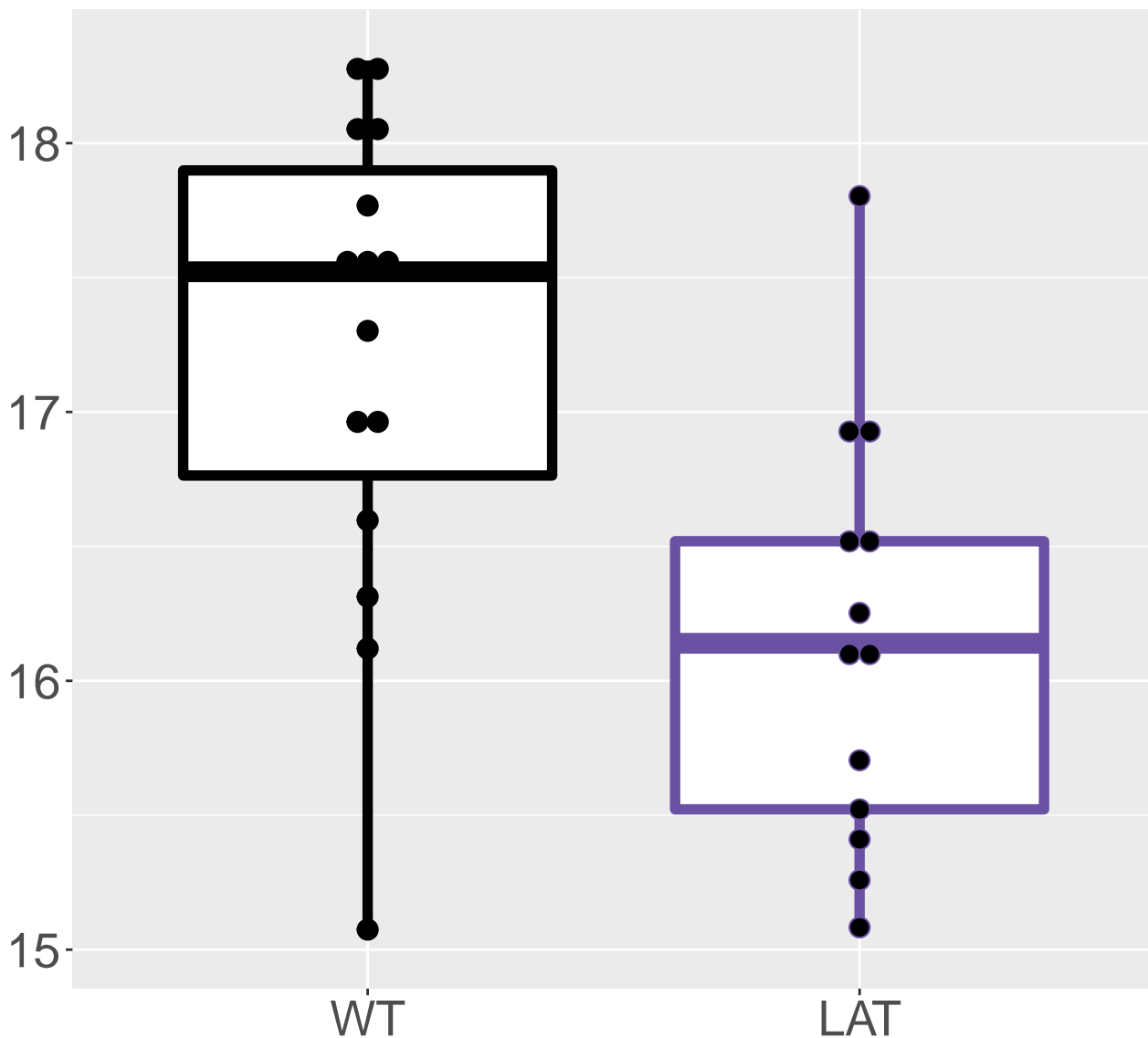
M352.0462T638.18

FDR = 0.0065, FC = 0.84



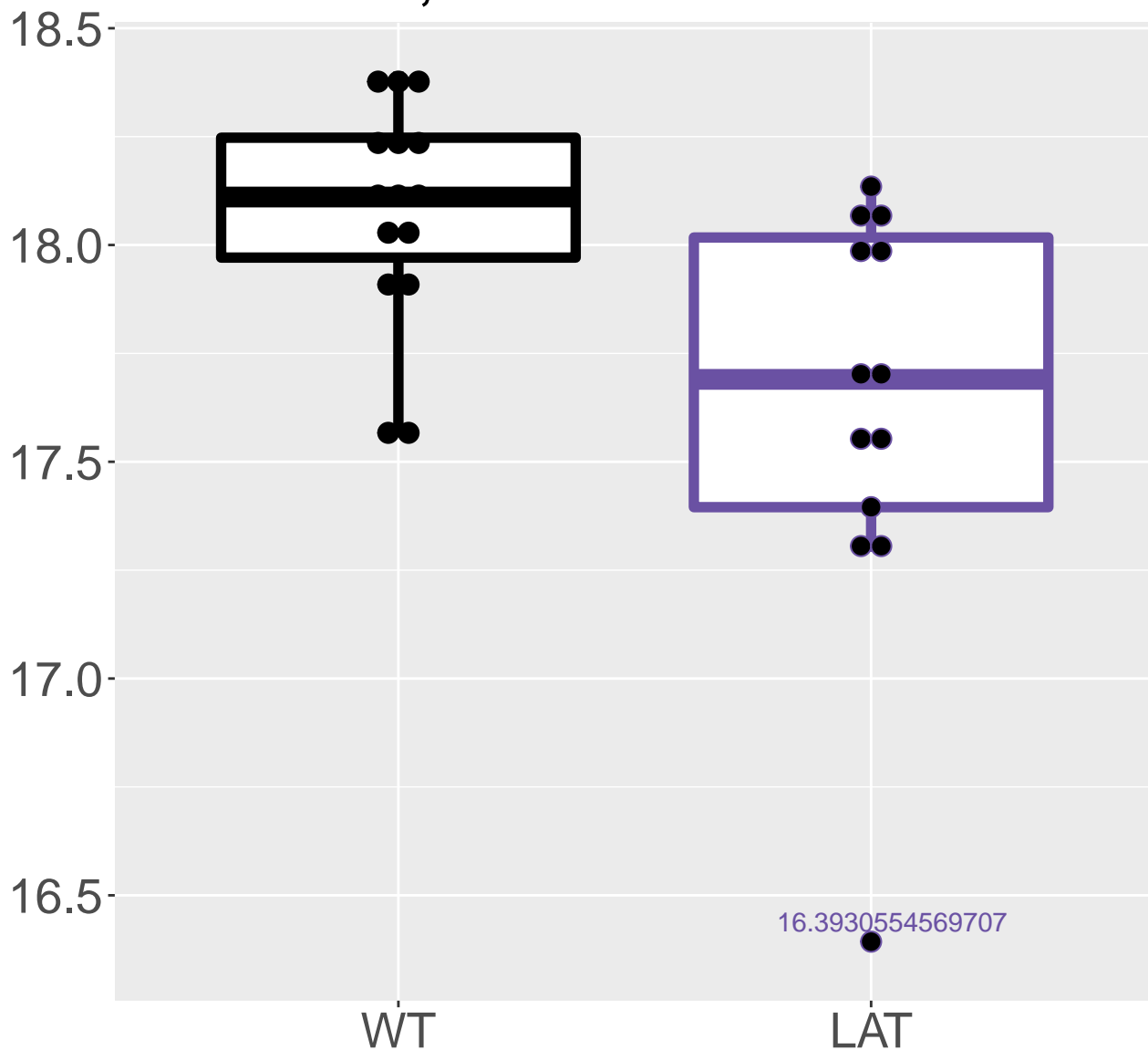
M498.1888T327.9

FDR = 0.0068, FC = -1.1, sex*



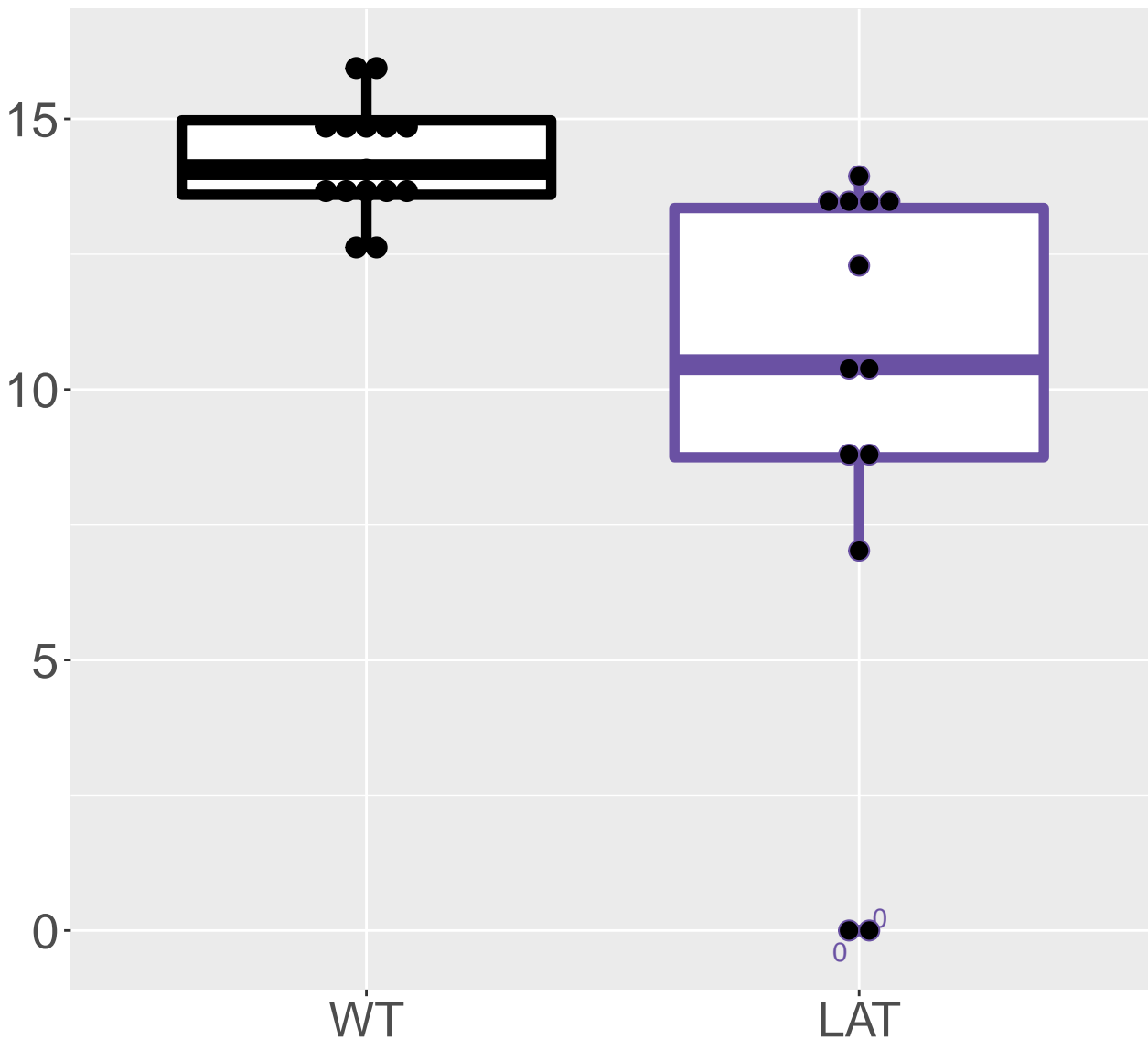
M800.2332T617.81

FDR = 0.0068, FC = -0.45



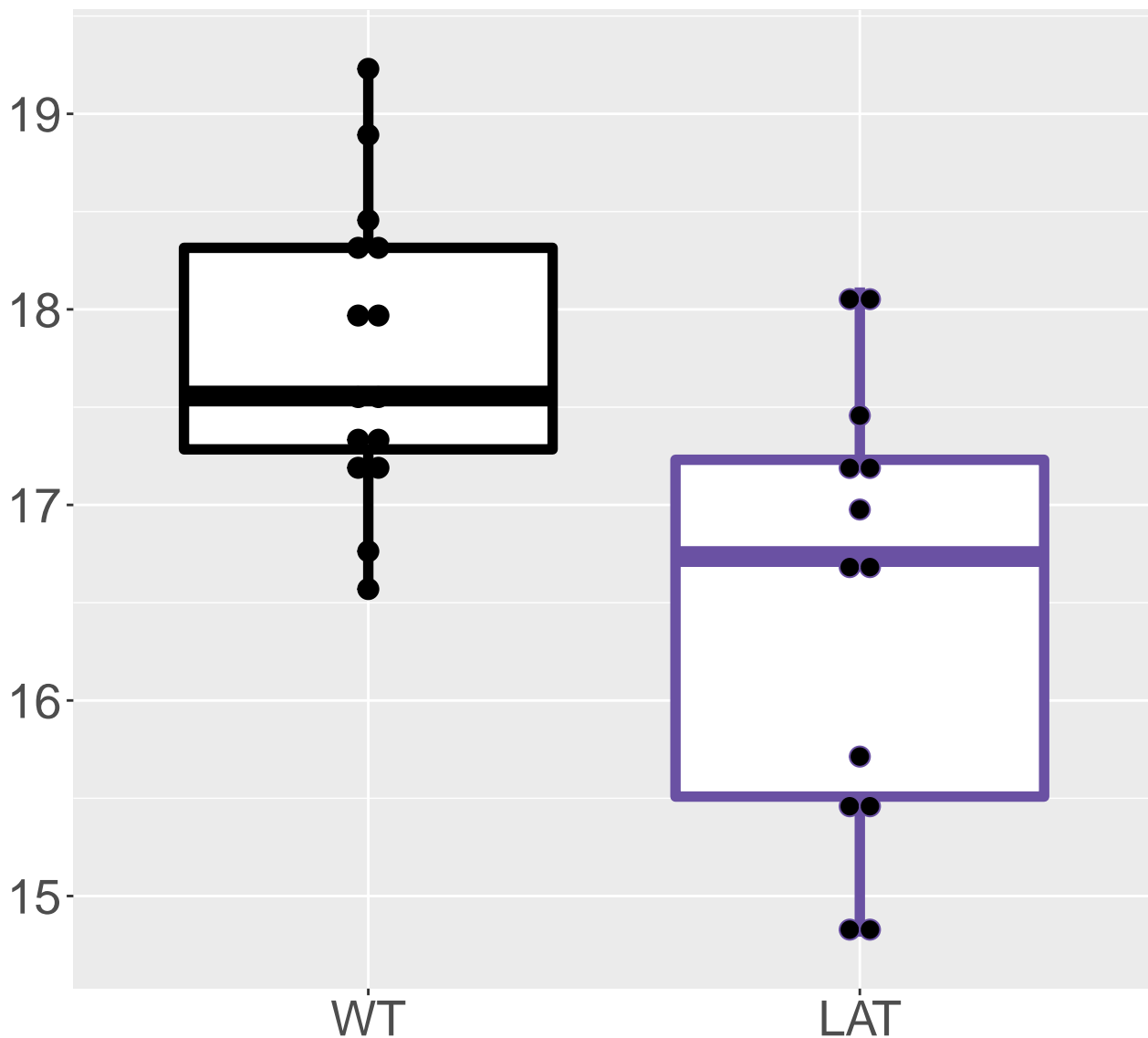
M330.1312T176.35

FDR = 0.0068, FC = -4.6

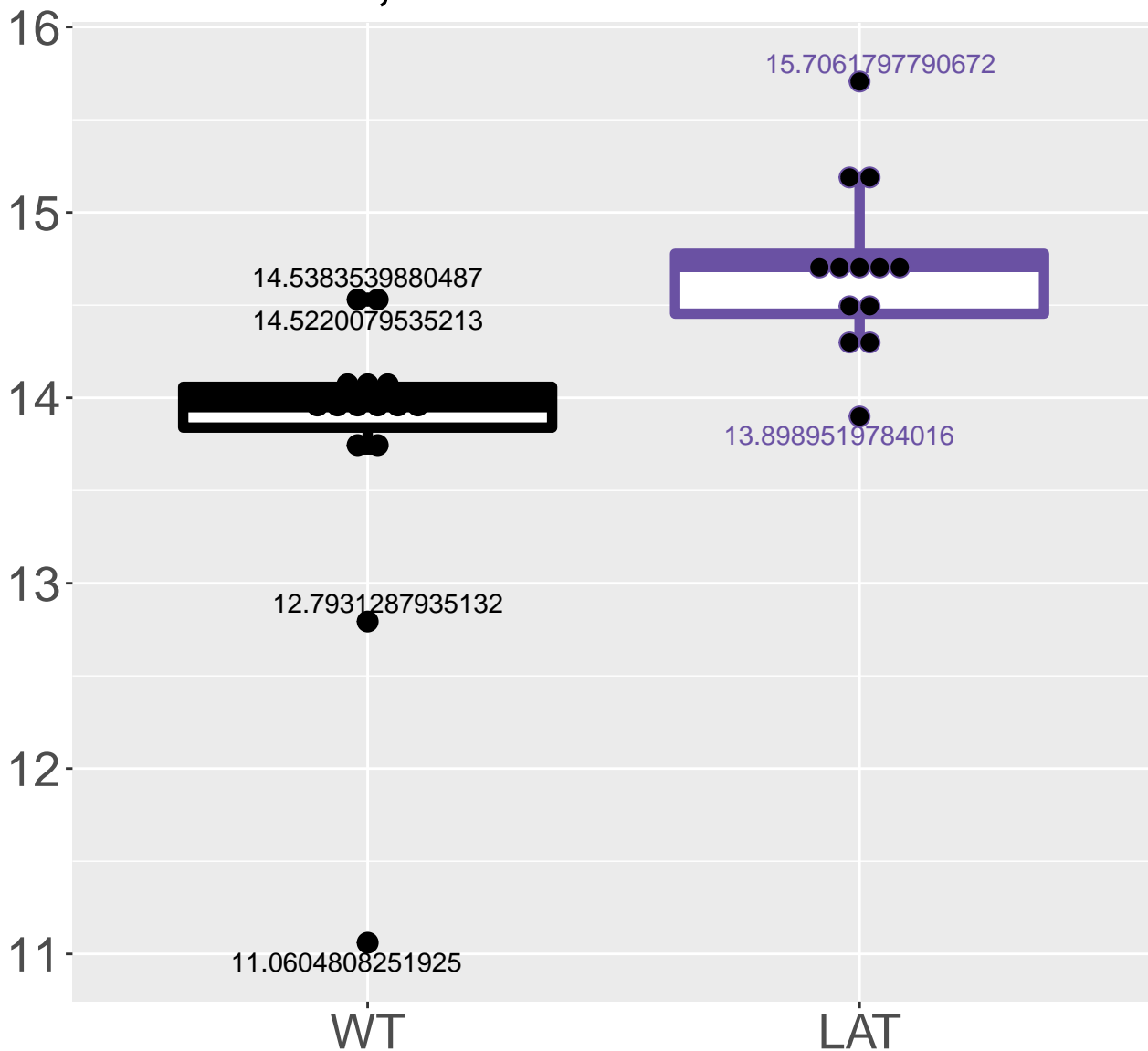


M310.1515T465.99

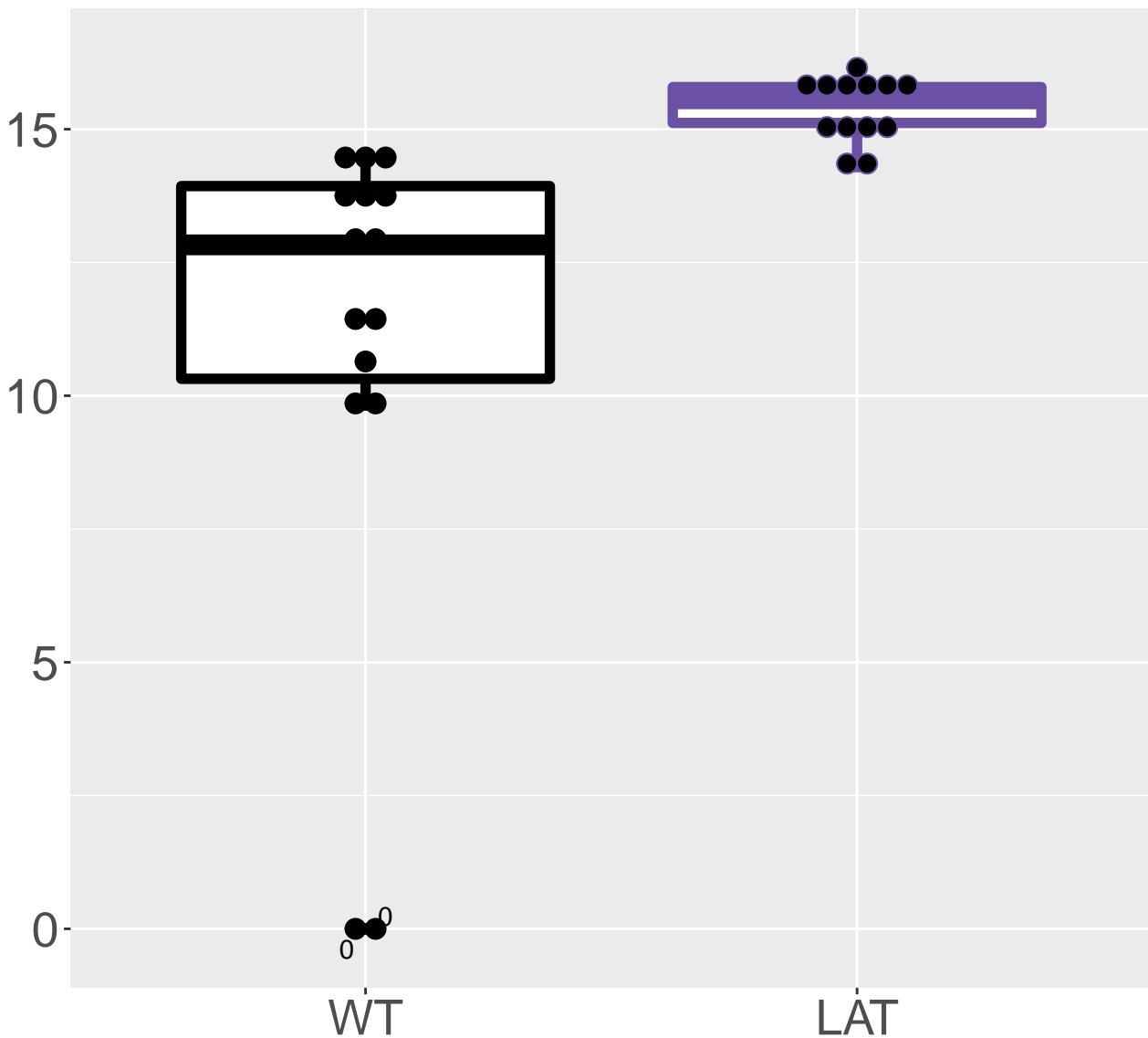
FDR = 0.0068, FC = -1.3



FDR = 0.0068, FC = 0.95

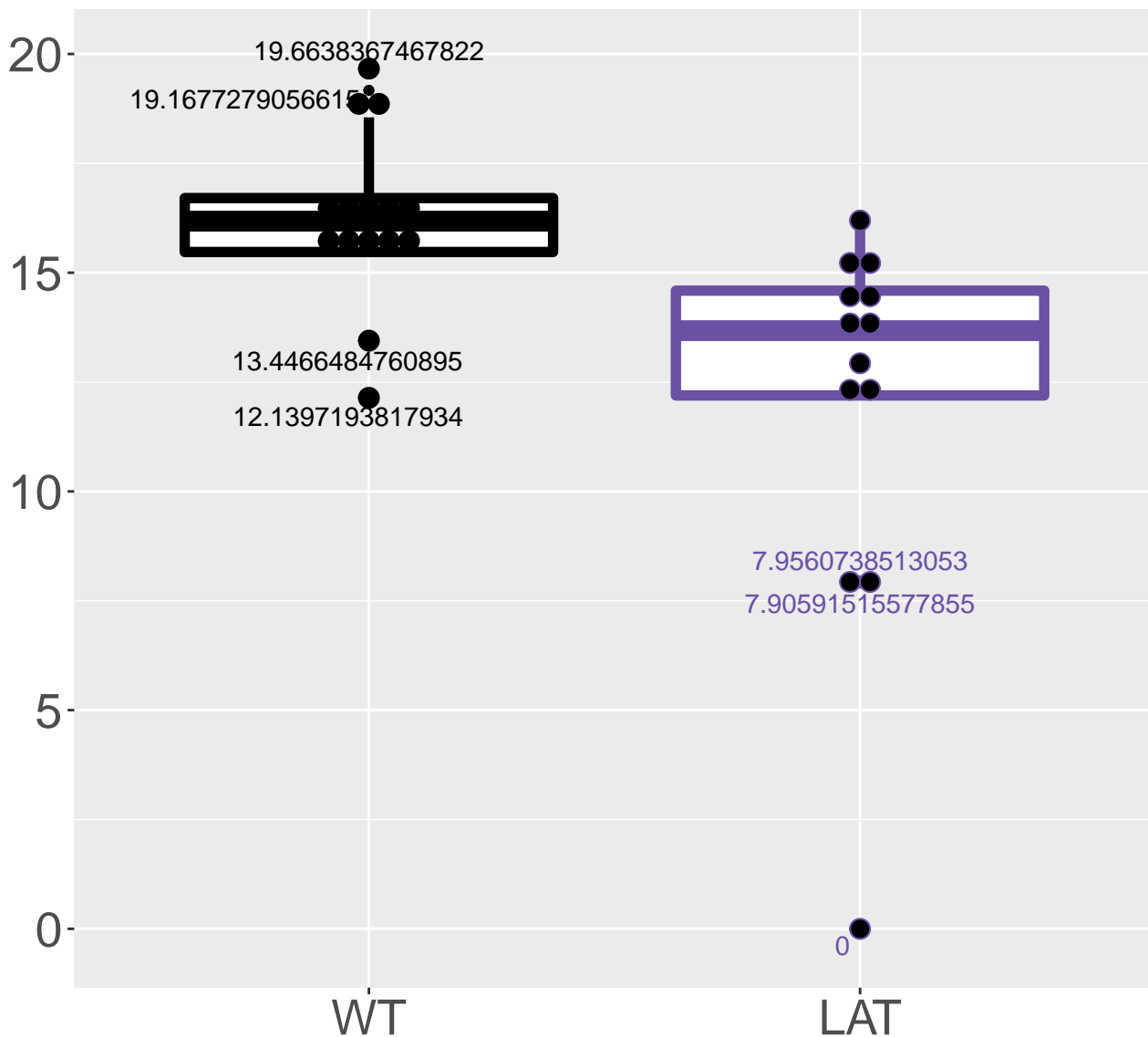


M652.6332T606.47
FDR = 0.0069, FC = 4.5



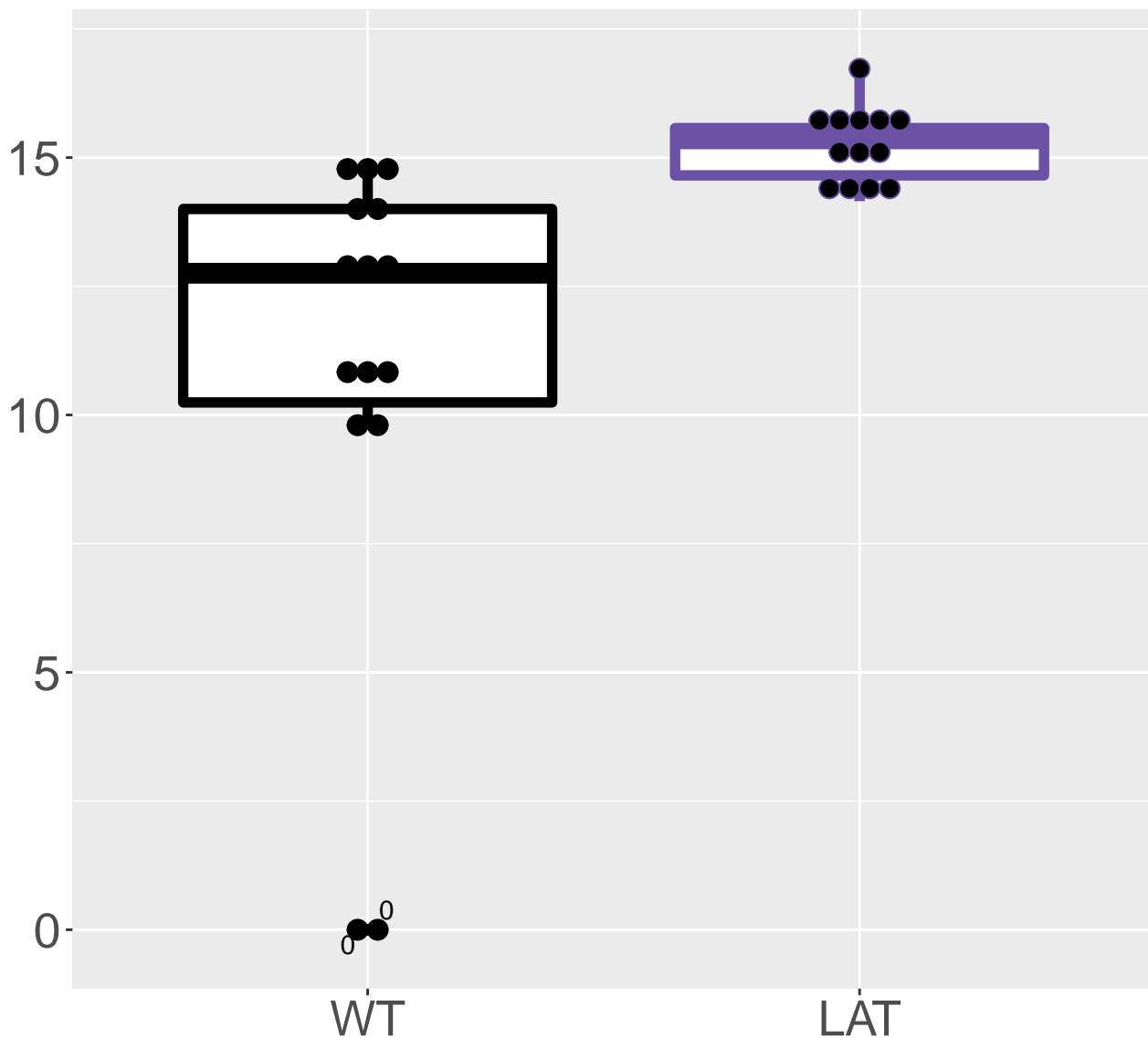
M392.1469T170.43

FDR = 0.0069, FC = -4.2



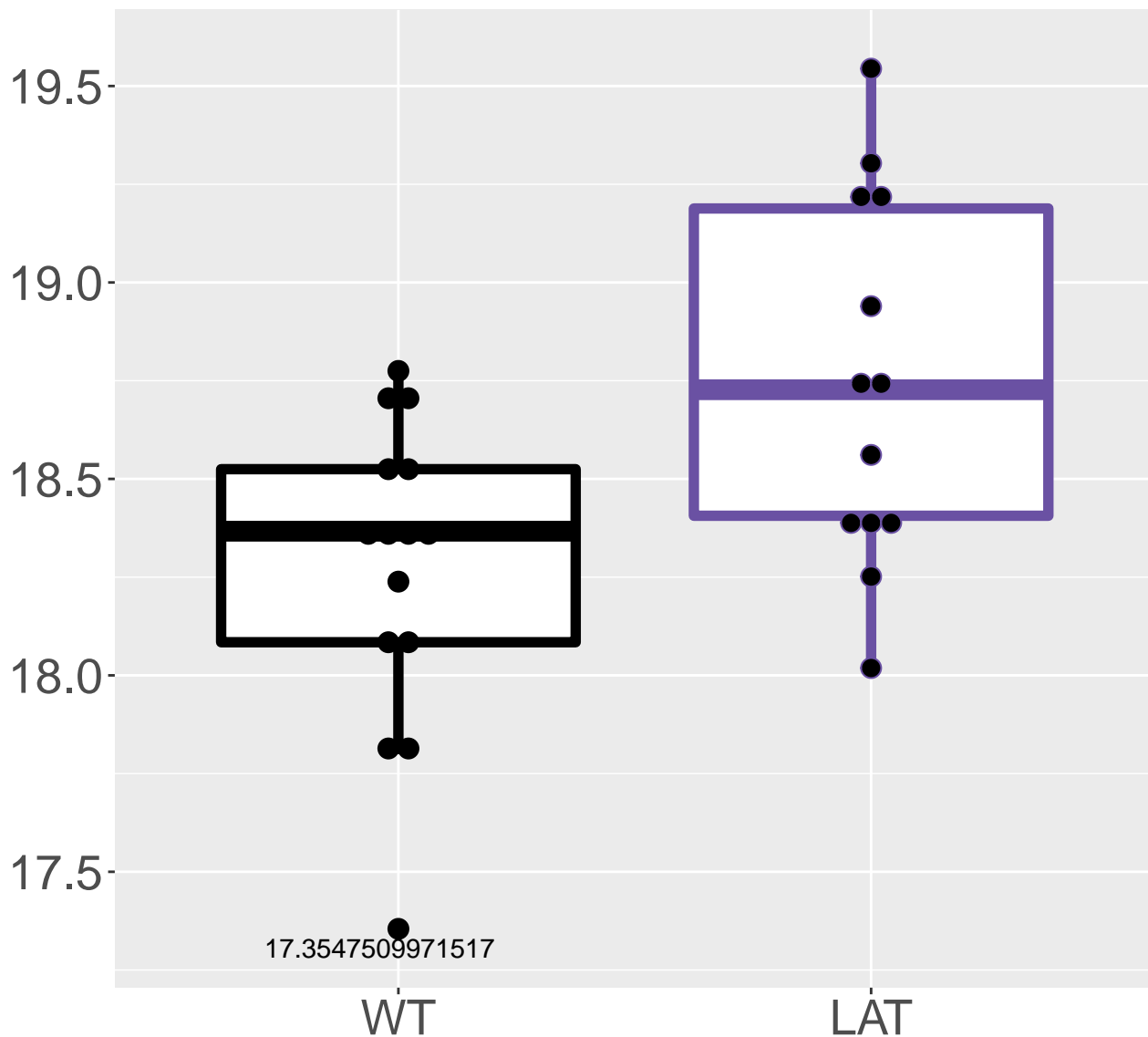
M365.0493T527.08

FDR = 0.007, FC = 4.3



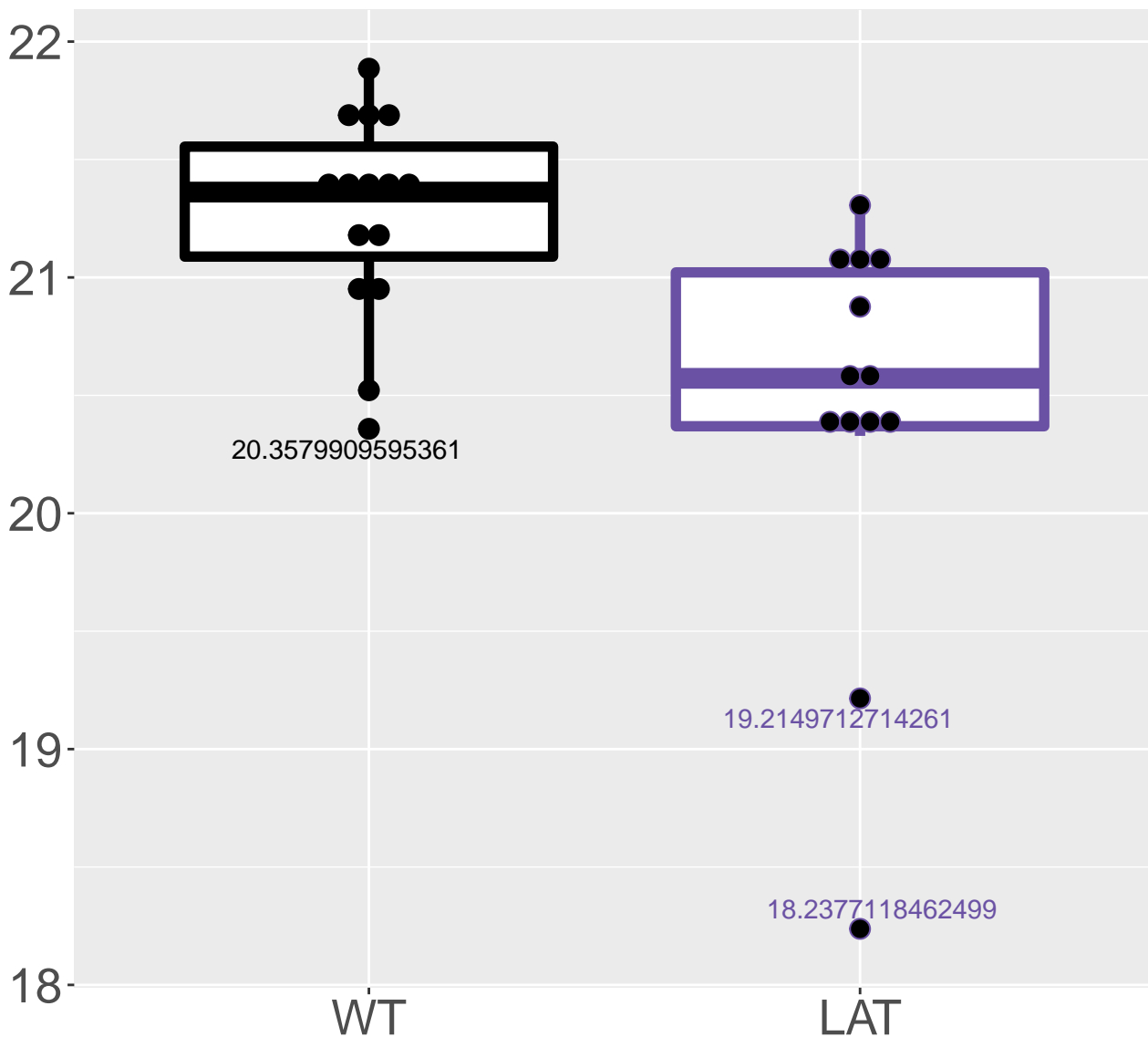
M254.982T605.05

FDR = 0.007, FC = 0.47, sex*



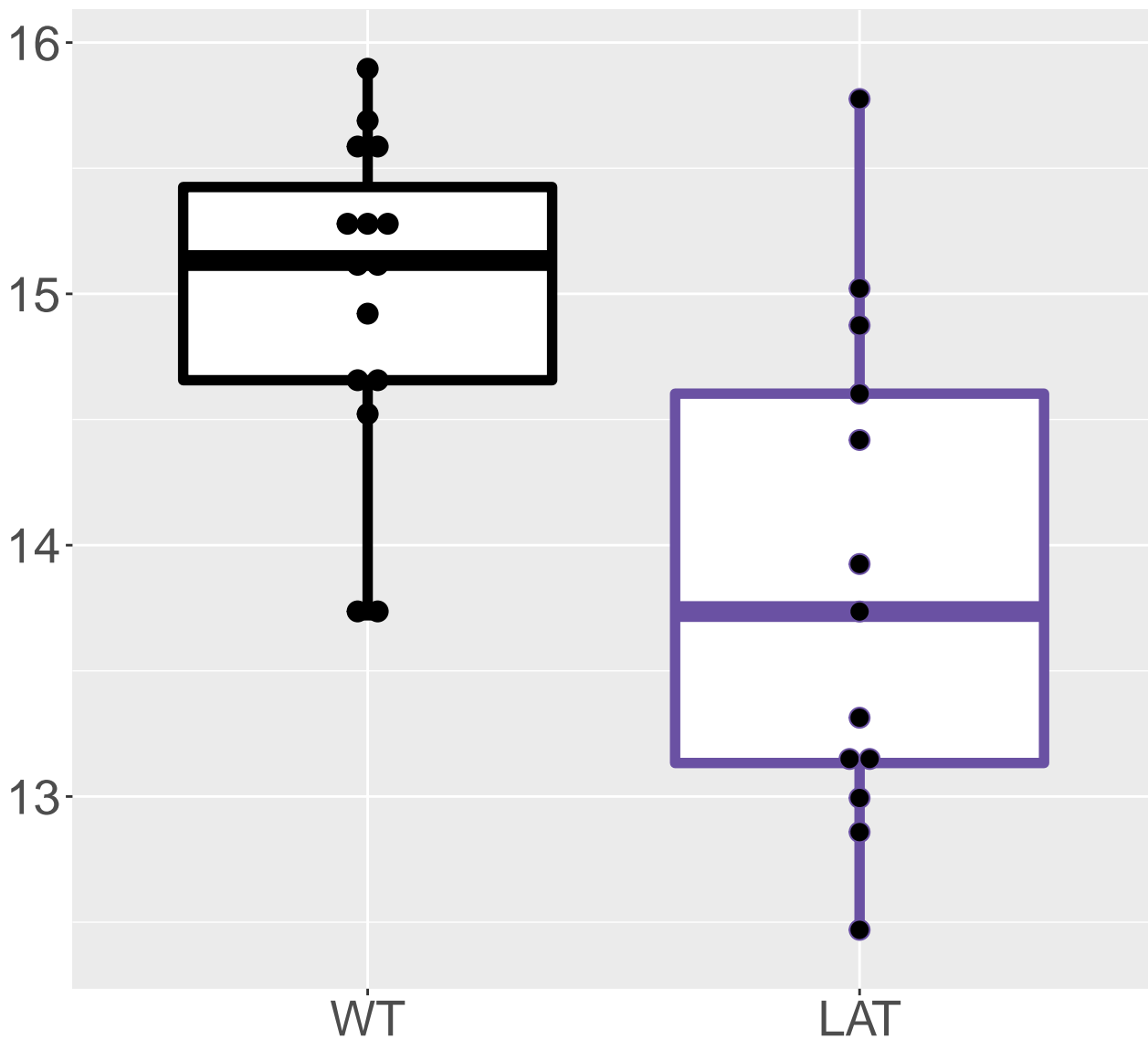
M345.1042T432.79

FDR = 0.0071, FC = -0.84



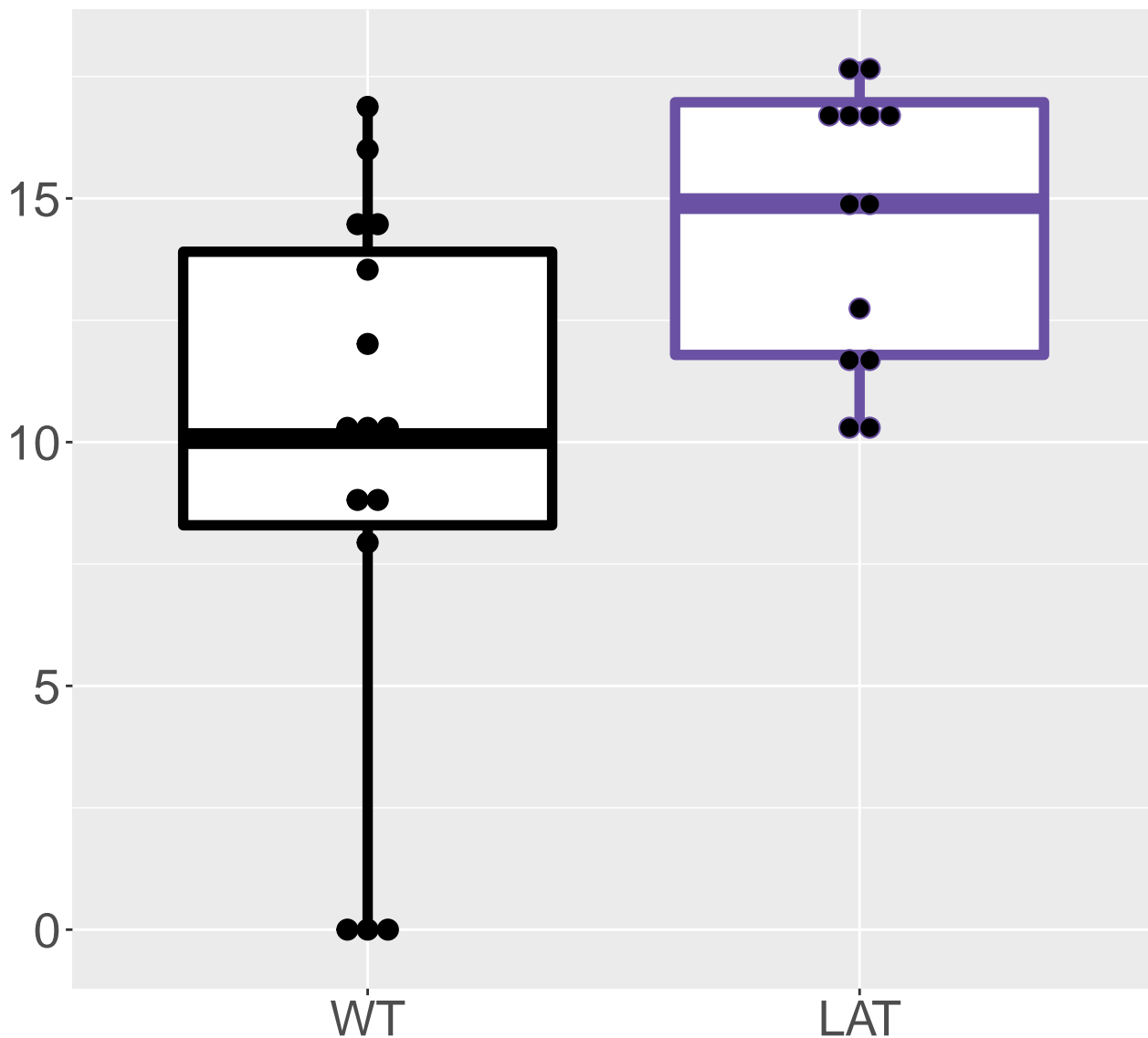
M702.1952T608.79

FDR = 0.0071, FC = -1.1

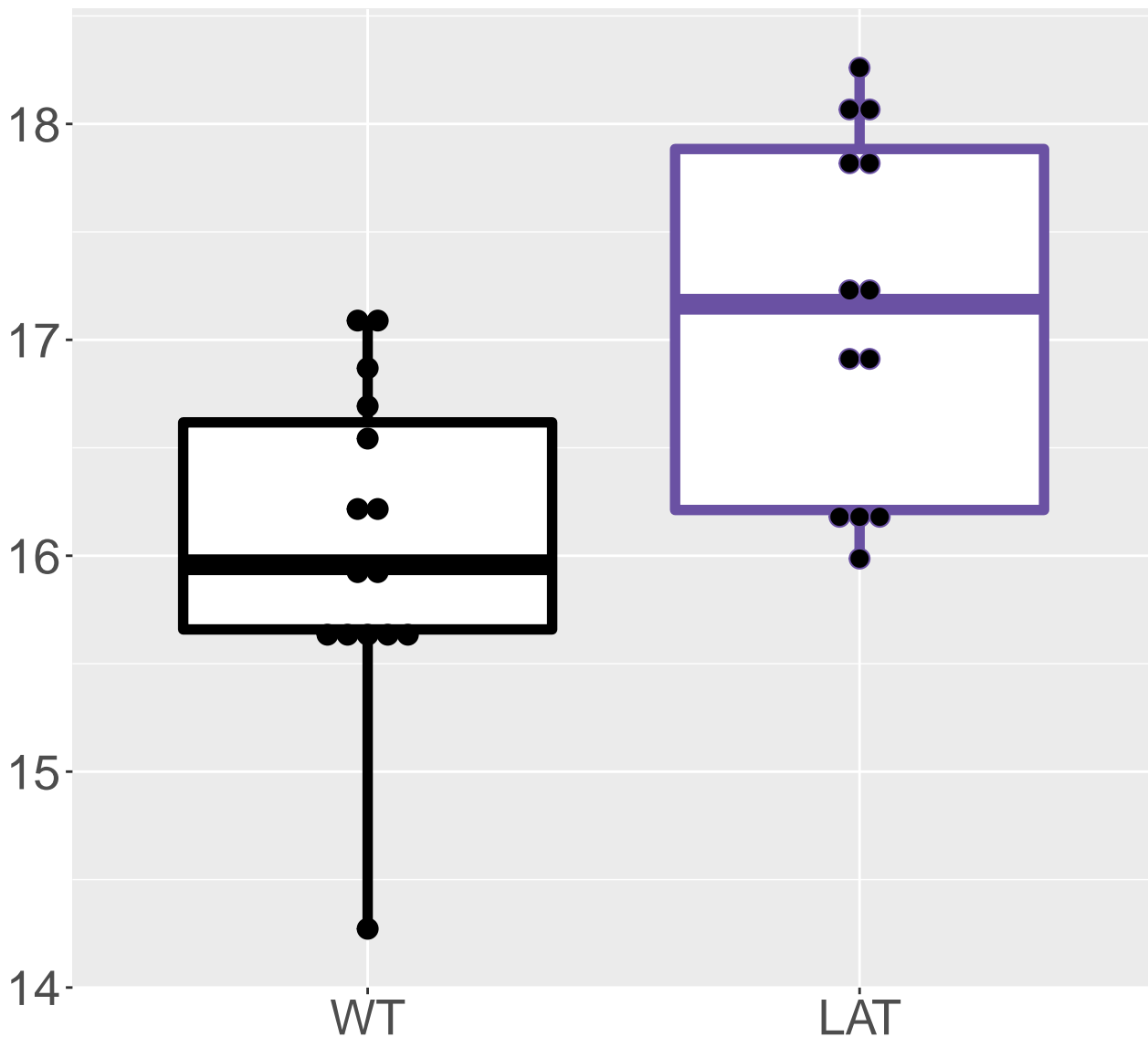


M223.1455T91.46

FDR = 0.0071, FC = 4.9, sex**

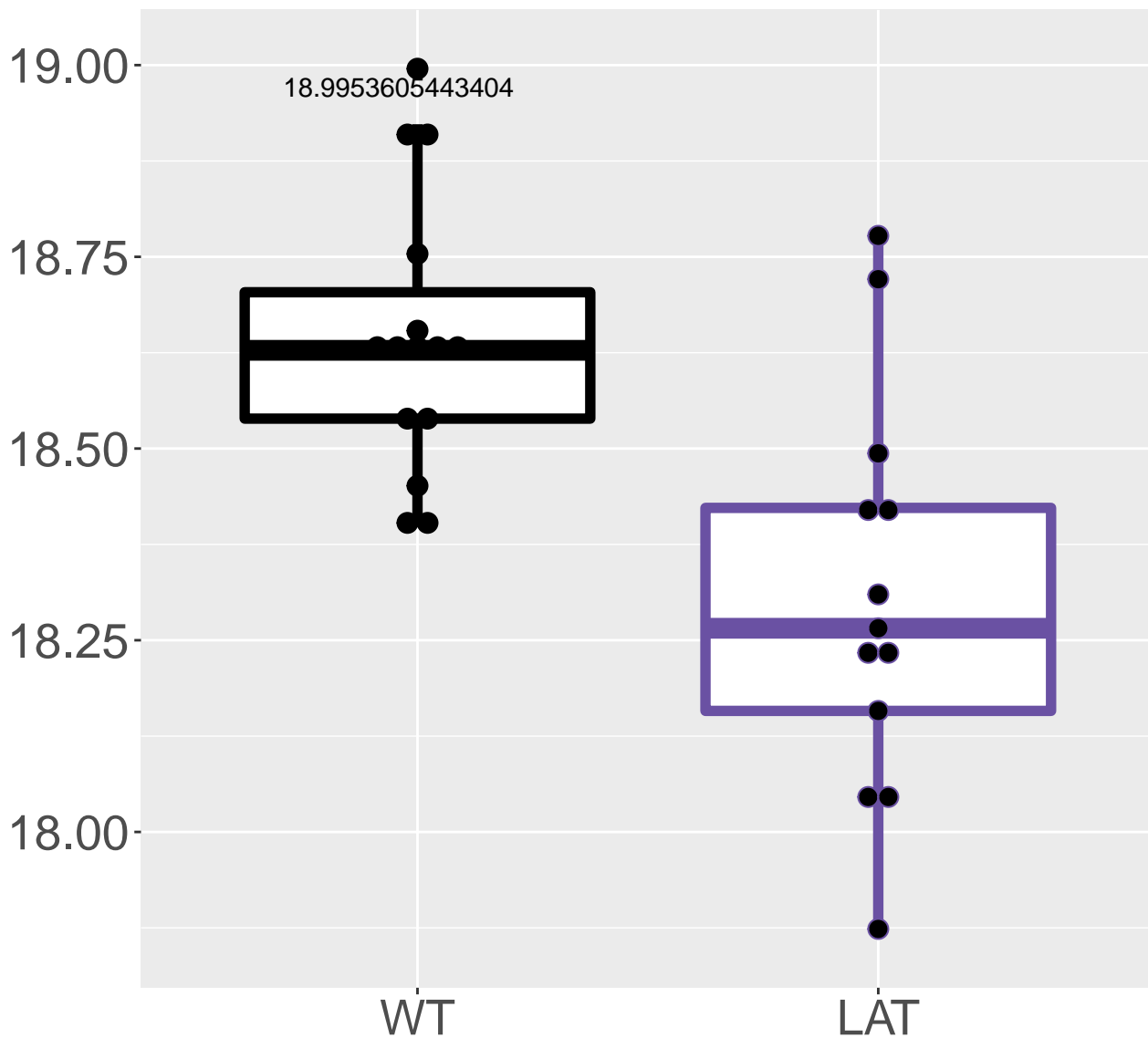


M991.209T541.31
FDR = 0.0073, FC = 1.1



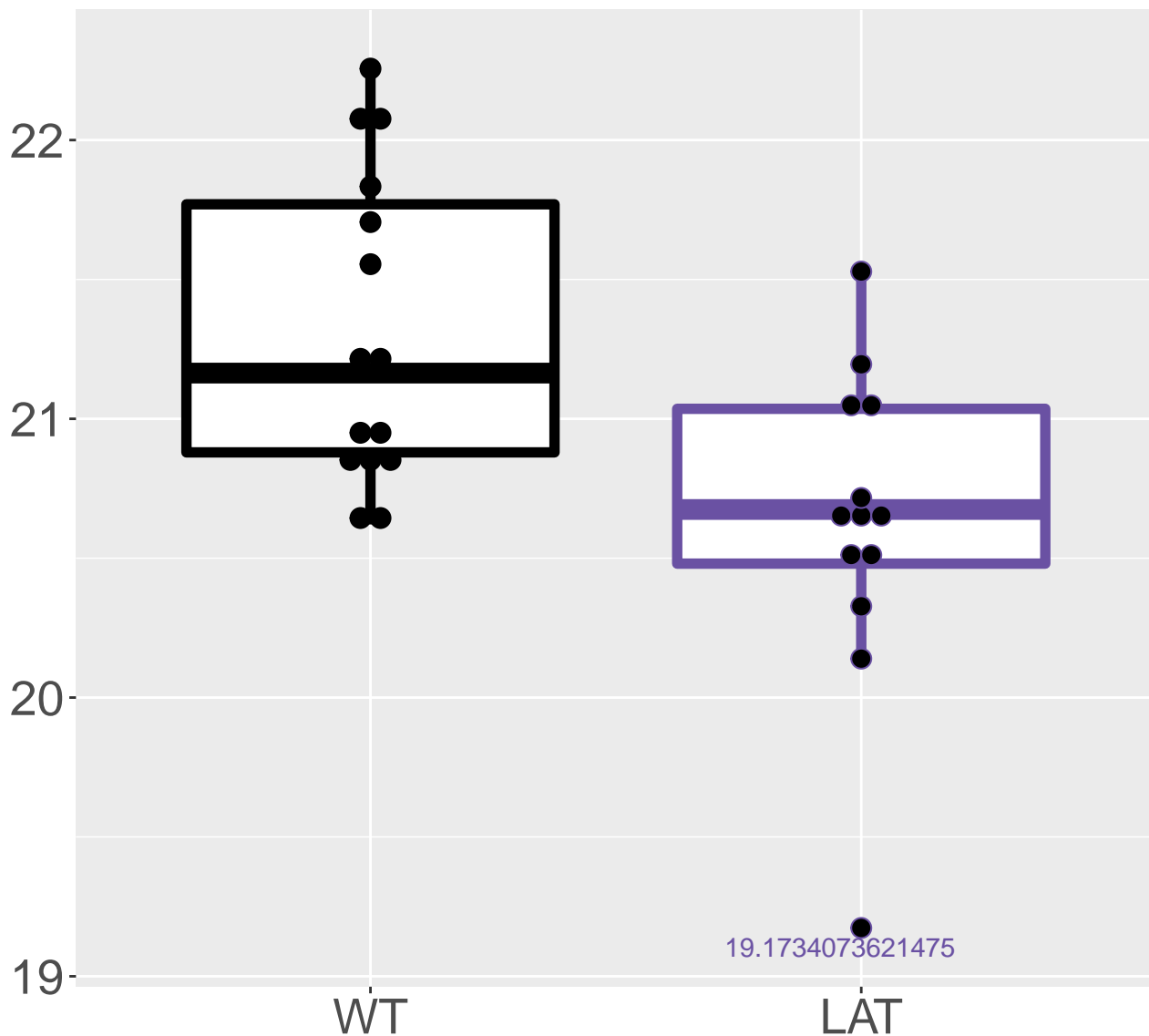
M639.6829T600.66

FDR = 0.0074, FC = -0.34

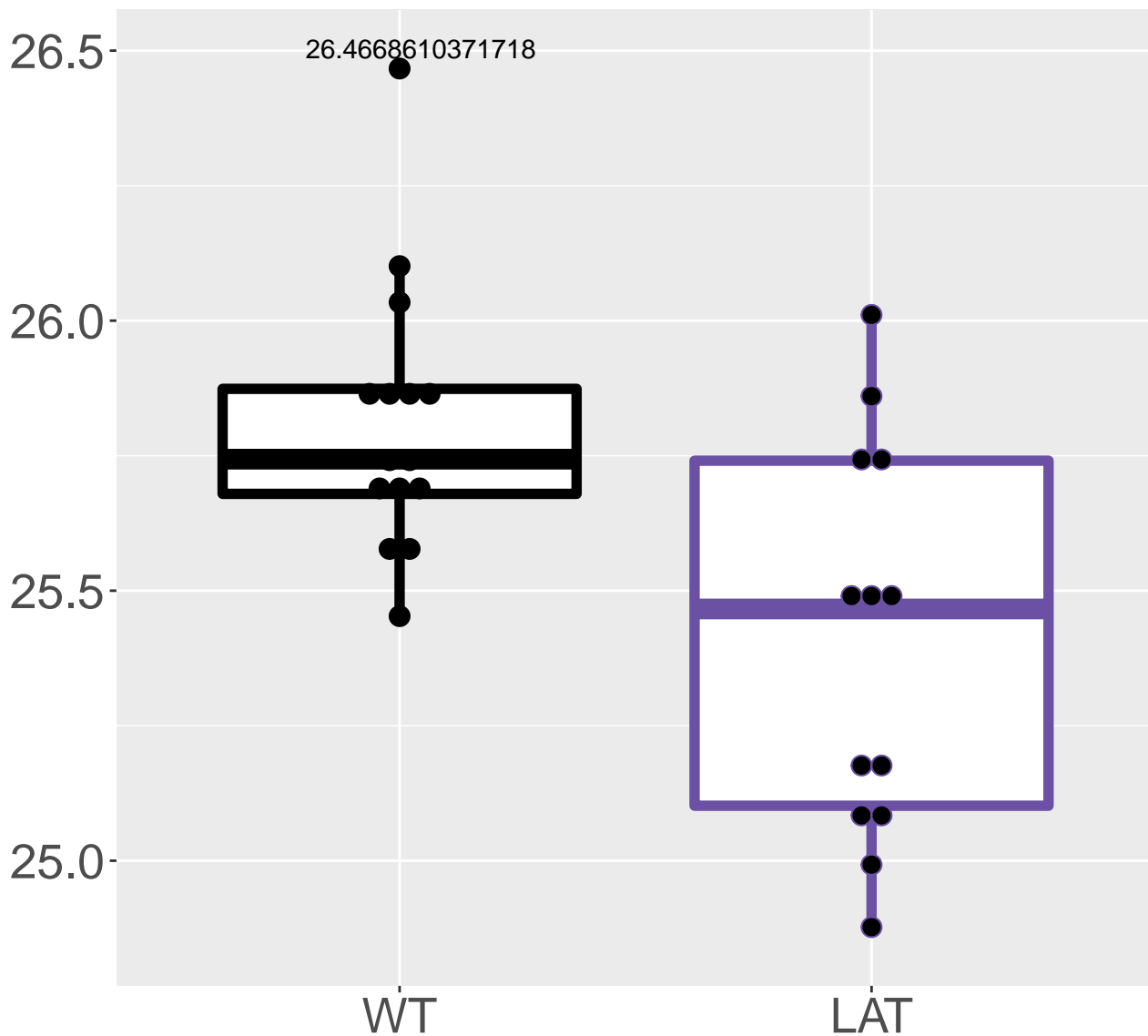


M535.4737T78.29

FDR = 0.0074, FC = -0.68

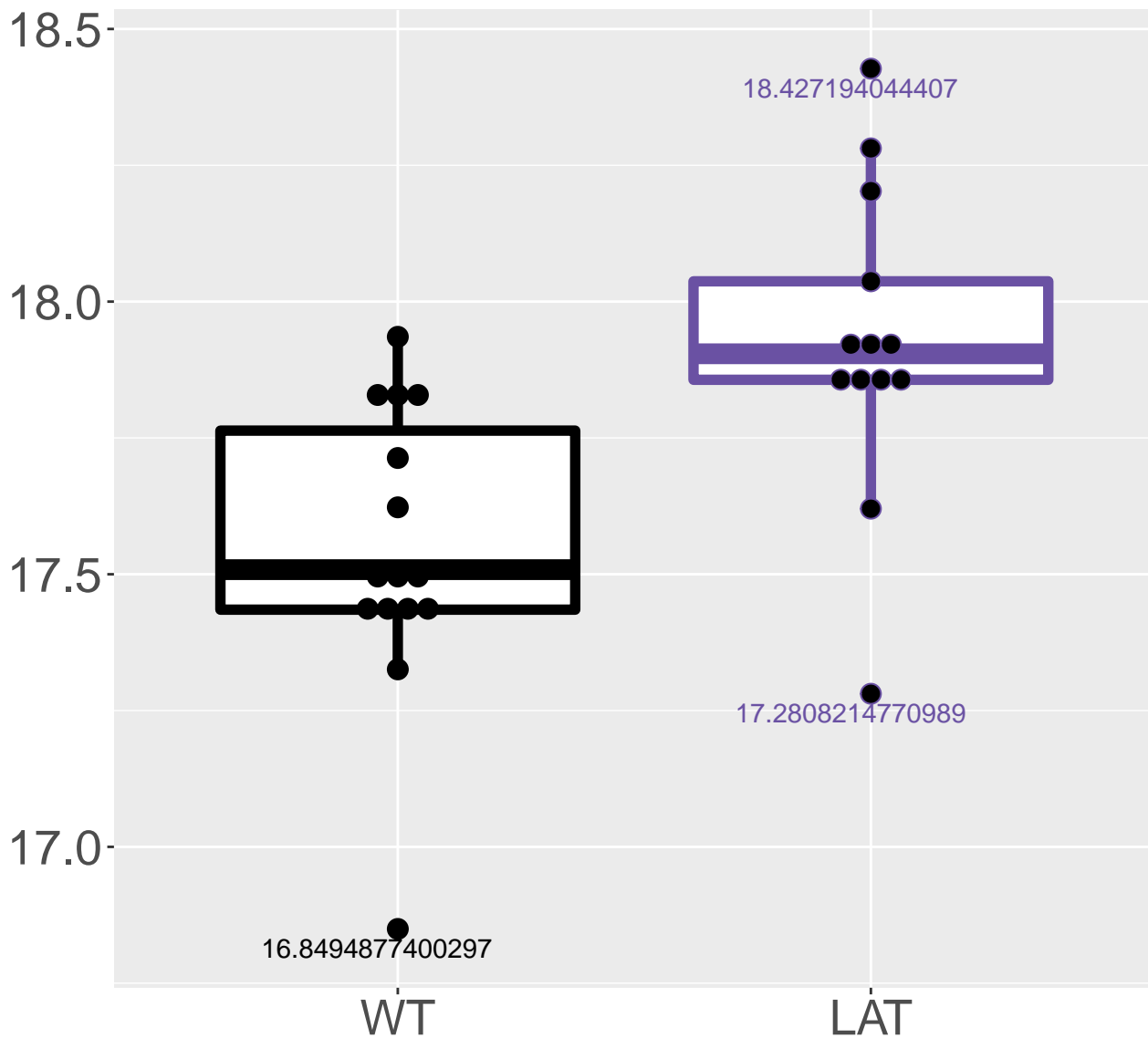


FDR = 0.0074, FC = -0.41



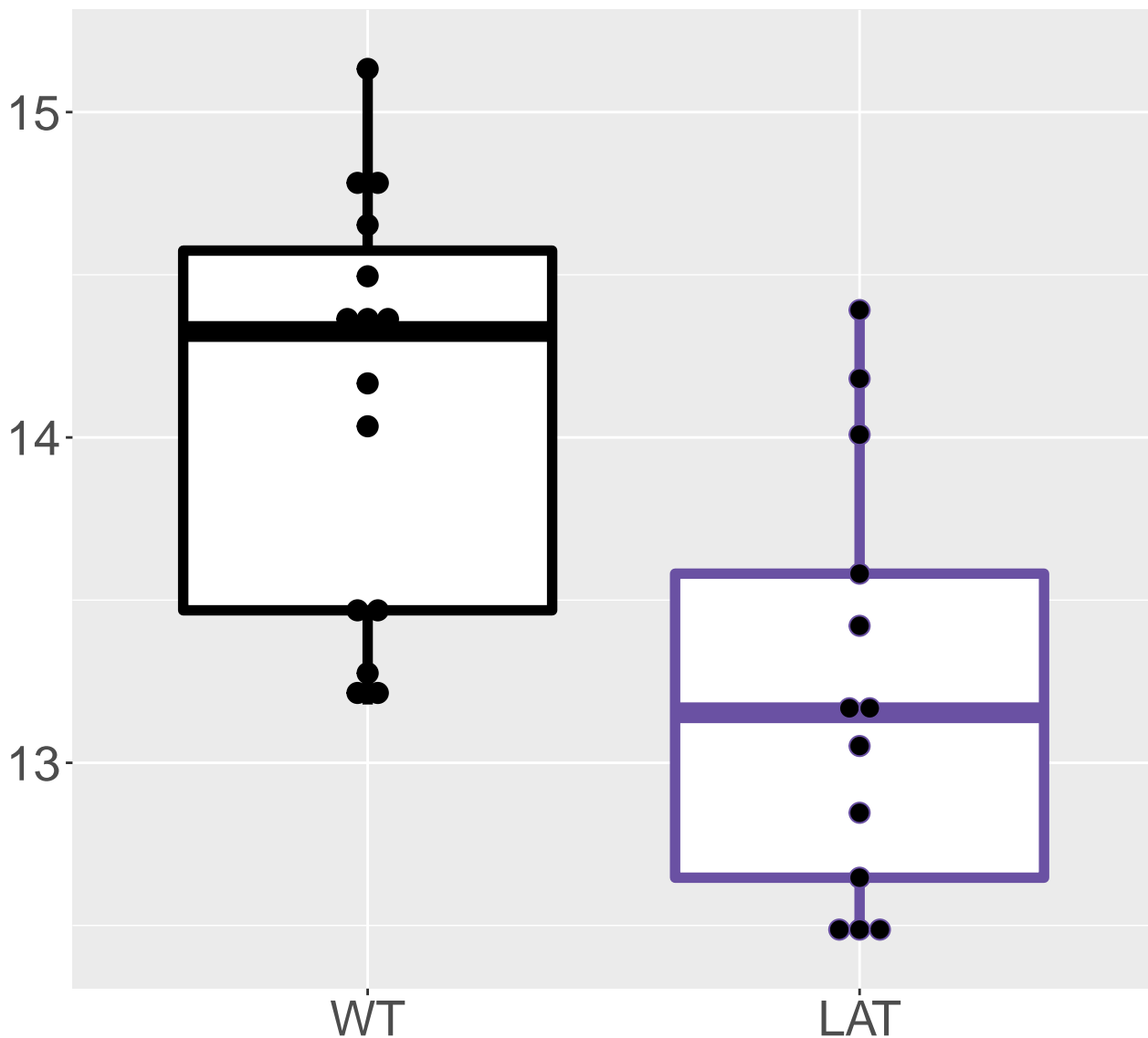
M137.0407T585.11

FDR = 0.0074, FC = 0.38

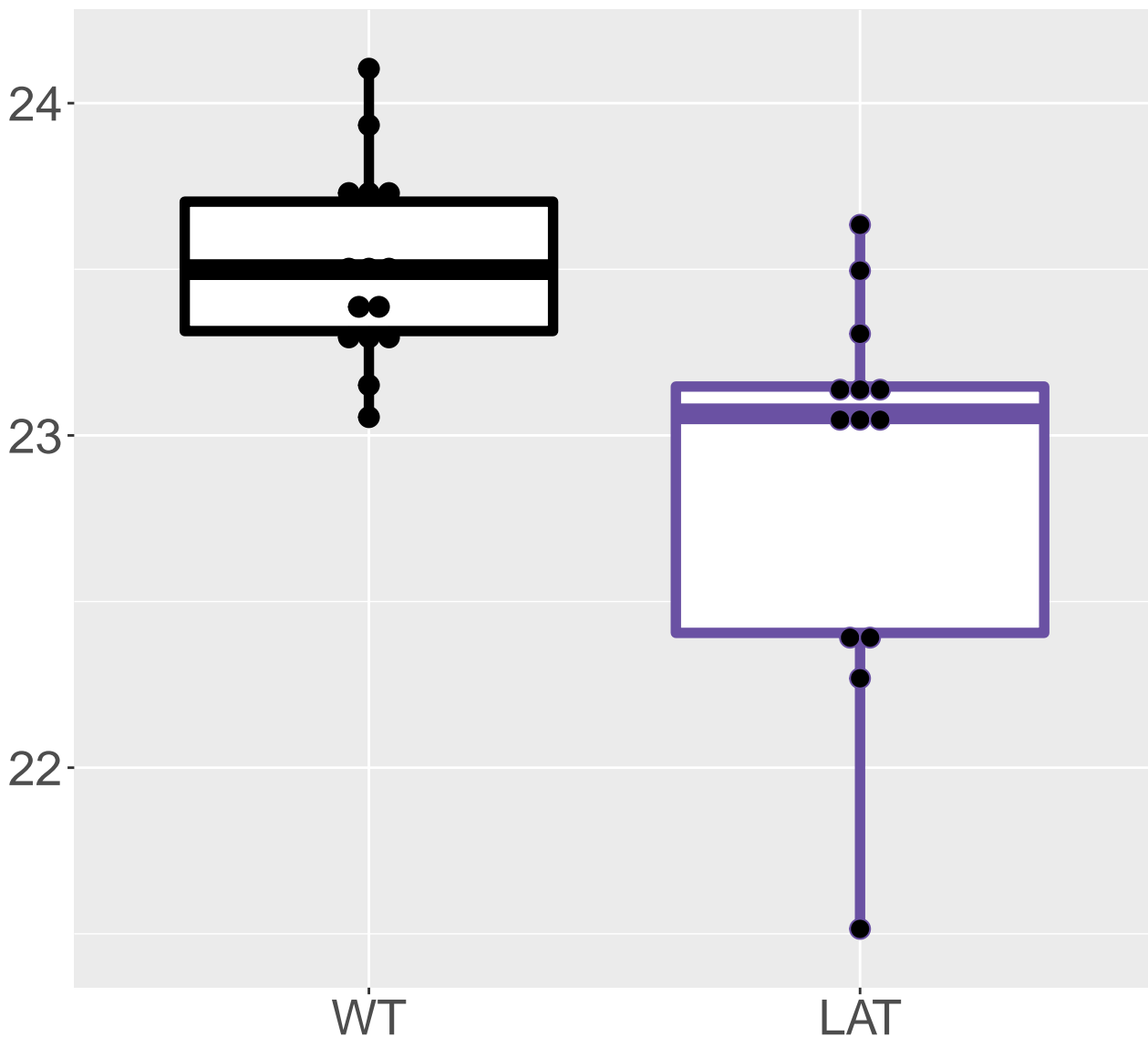


M630.6775T621.84

FDR = 0.0075, FC = -0.89

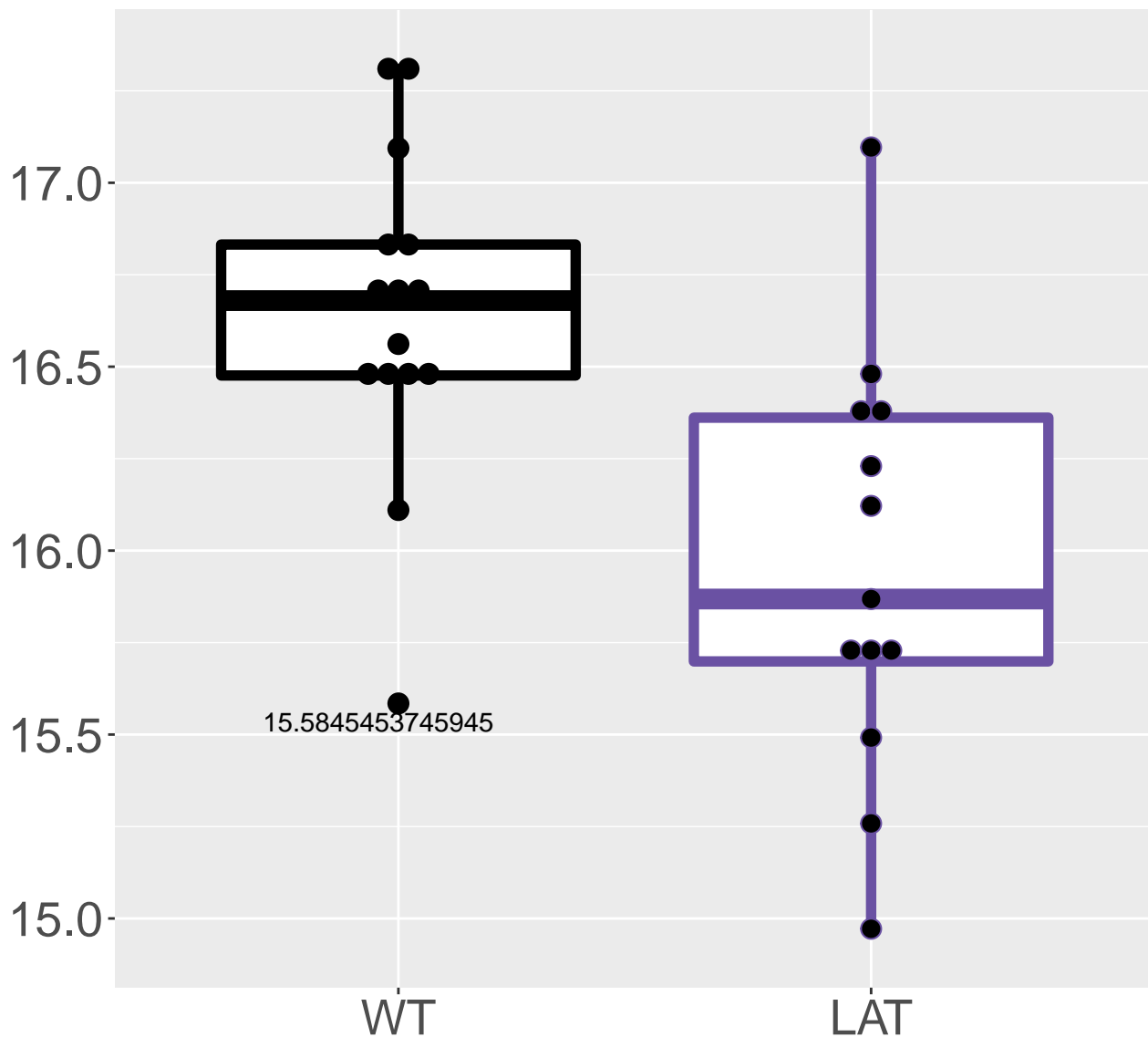


N-Acetyl-DL-serine|O-Acetyl-L-serine
FDR = 0.0075, FC = -0.61

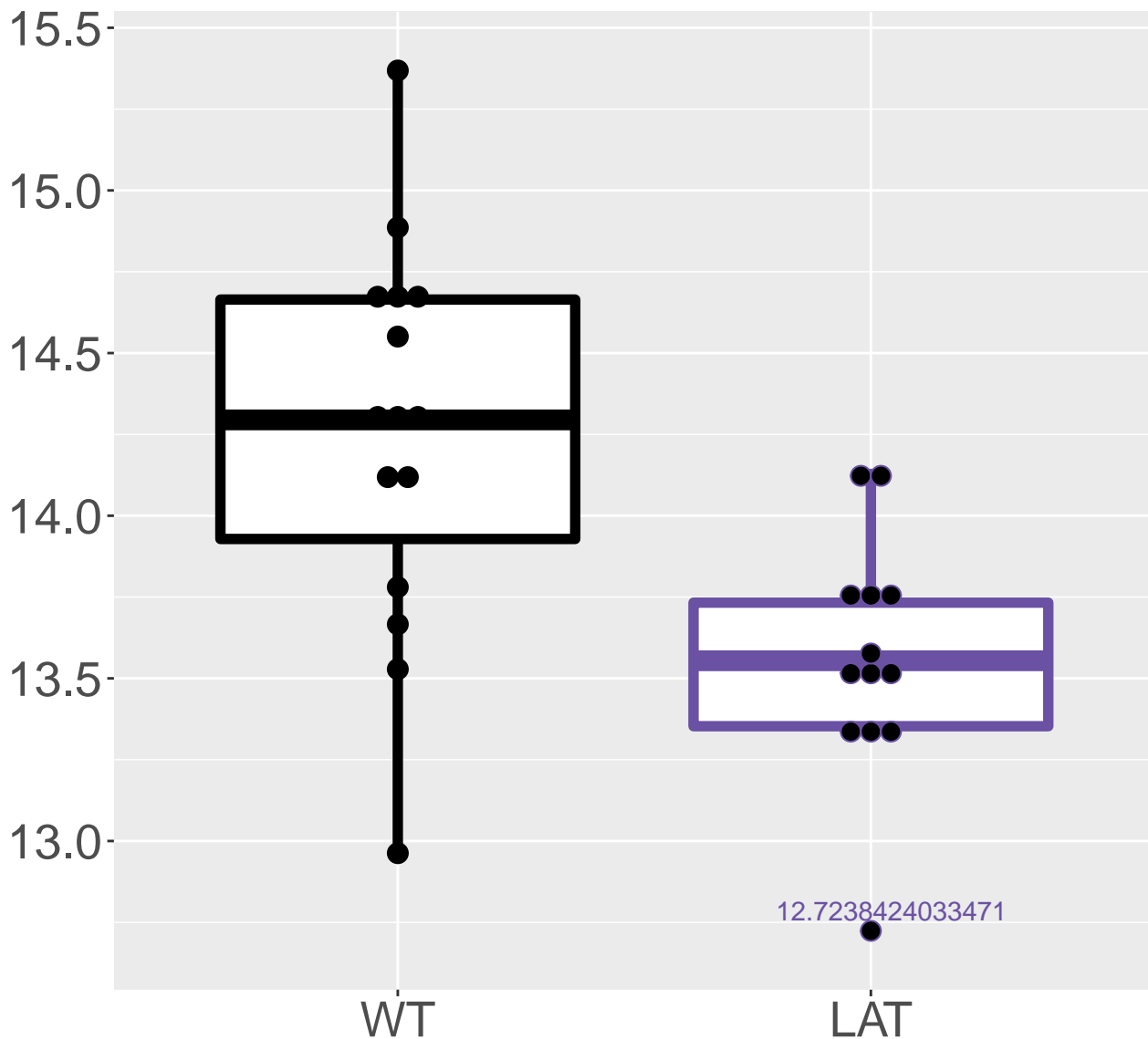


M344.1169T537

FDR = 0.0077, FC = -0.68

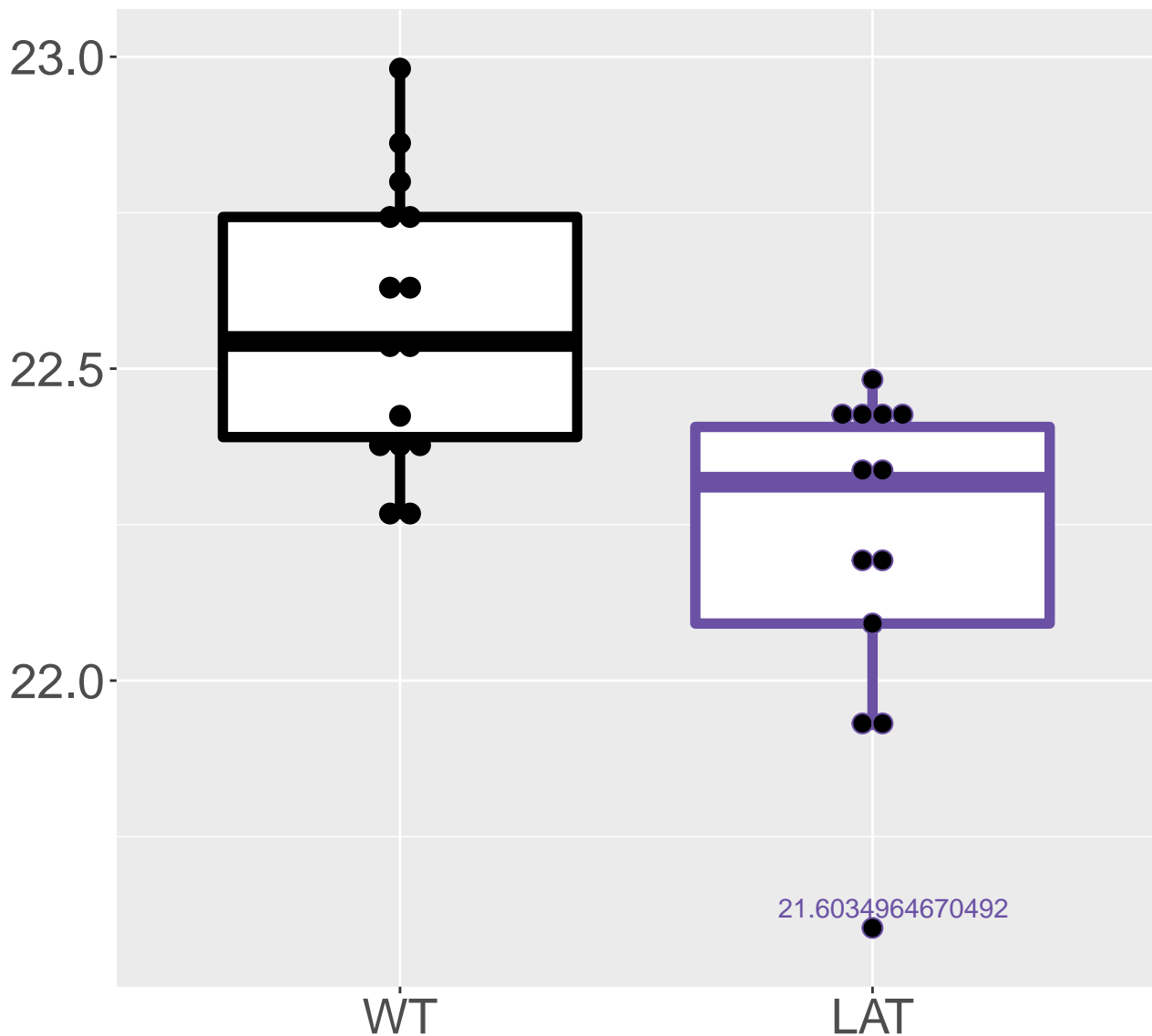


M877.2618T626.89_2
FDR = 0.0078, FC = -0.69



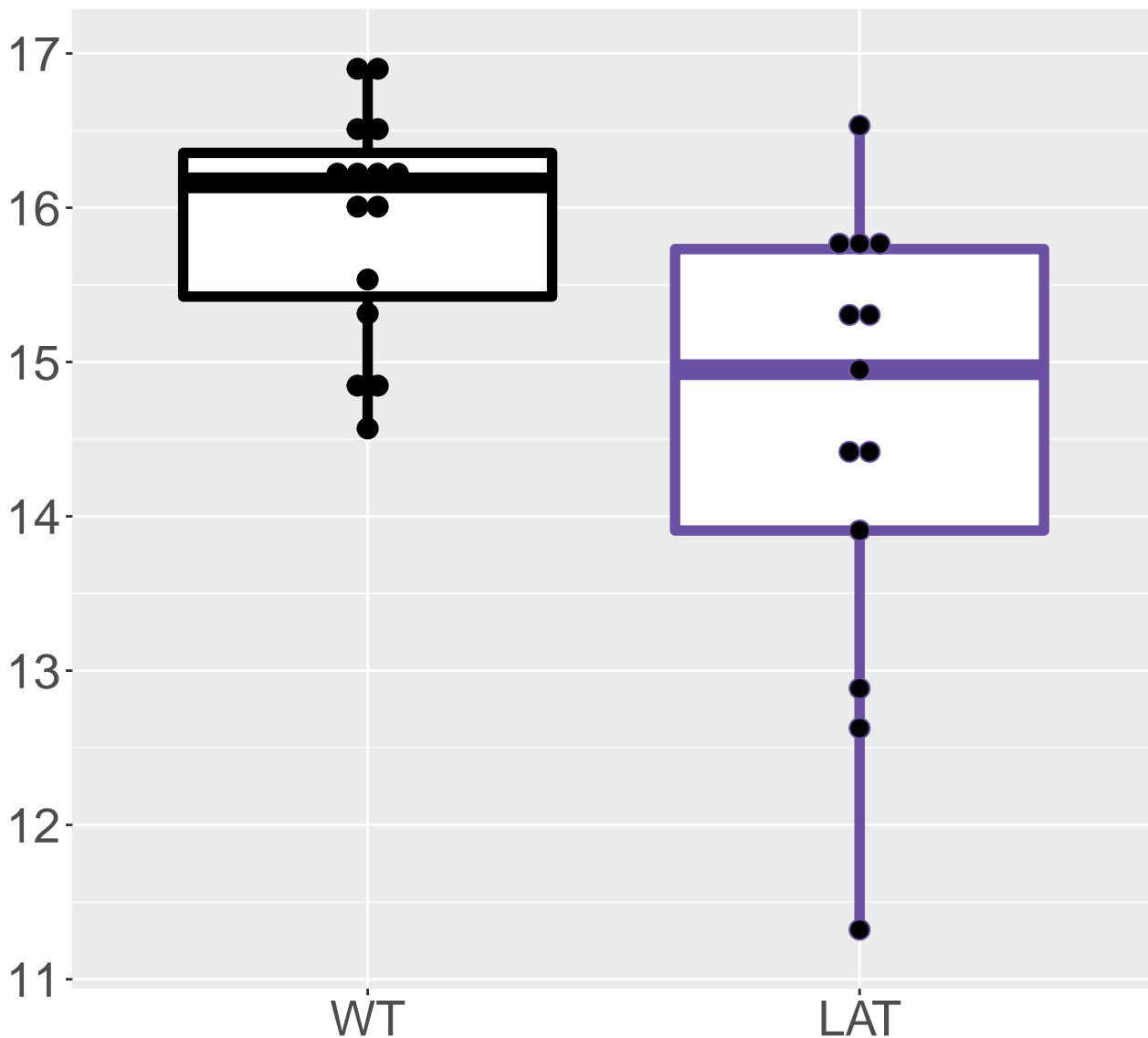
M129.0388T279.8

FDR = 0.0078, FC = -0.36



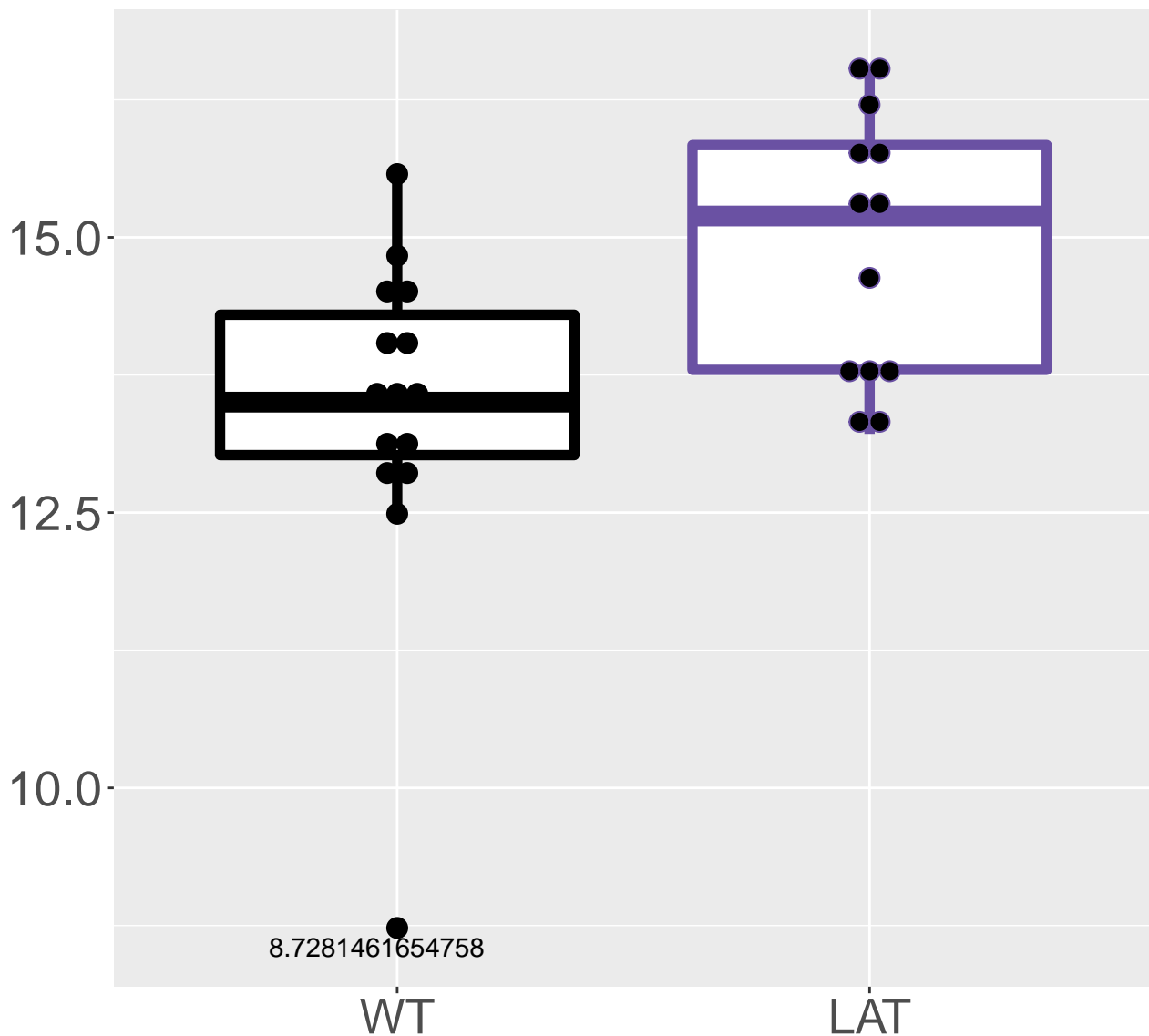
M243.0277T542.92

FDR = 0.0081, FC = -1.4, sex*



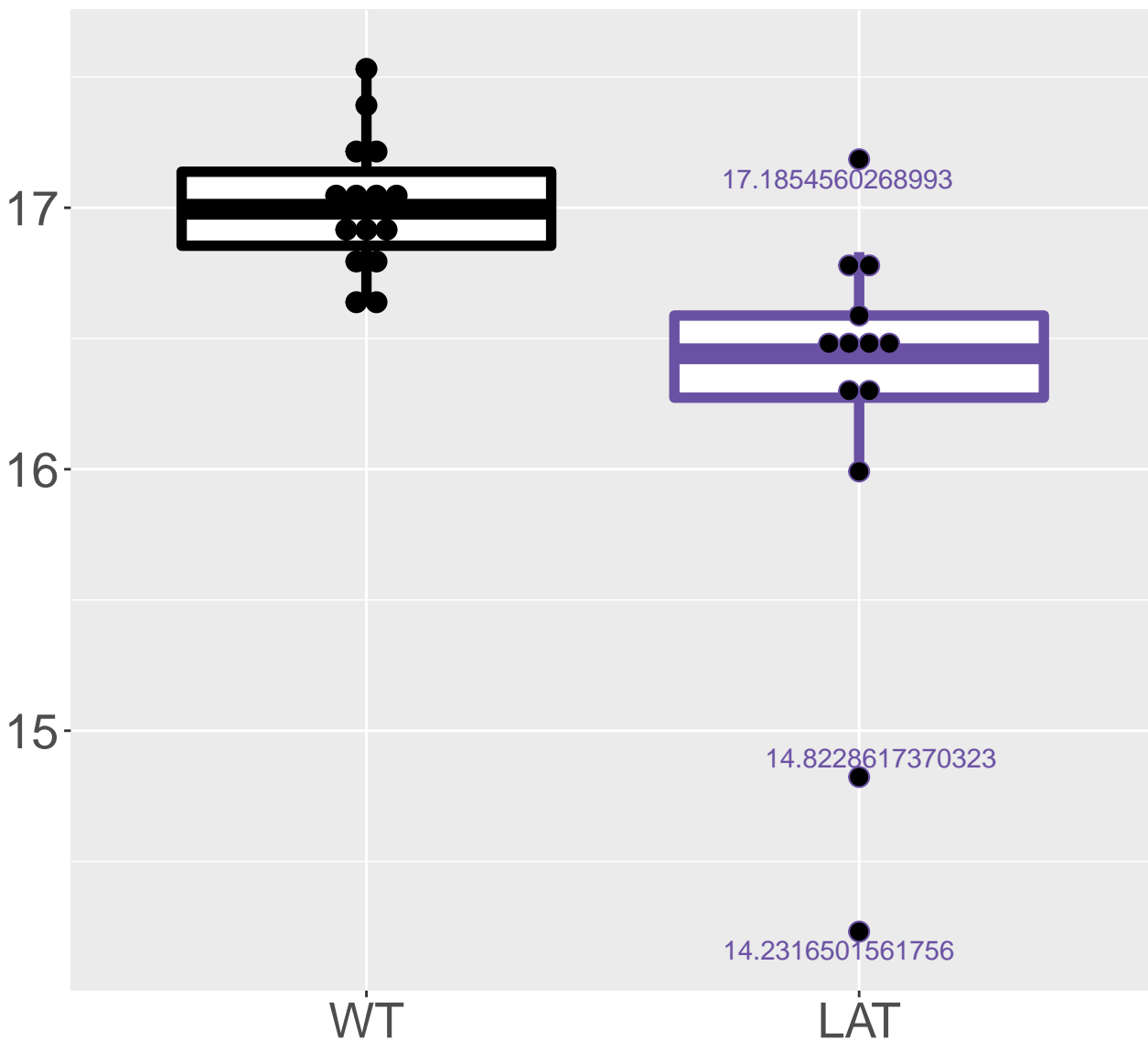
M109.0408T110.53

FDR = 0.0083, FC = 1.5, sex**



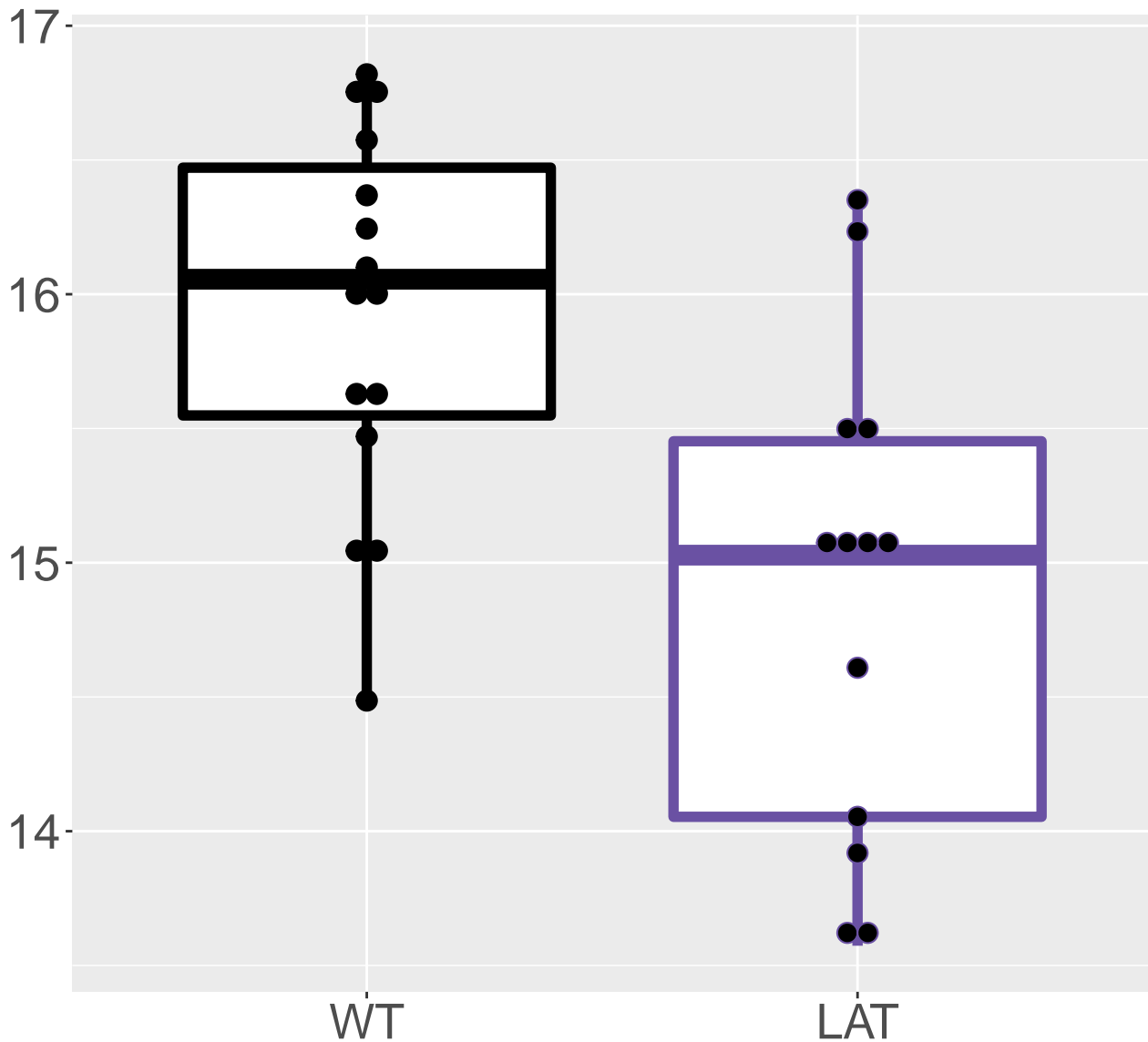
M171.1139T189.16

FDR = 0.0086, FC = -0.79



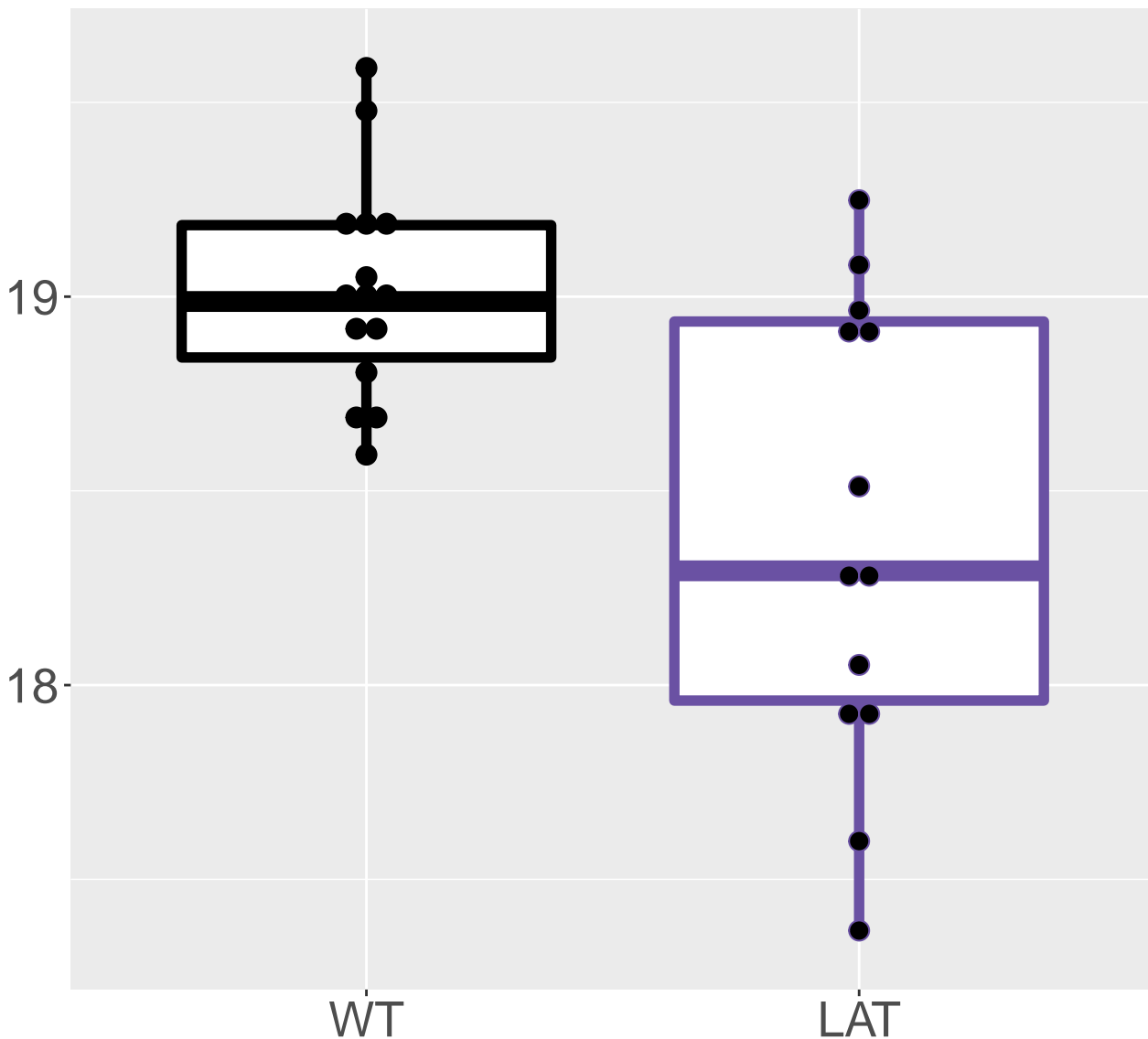
M587.1796T364.34

FDR = 0.0086, FC = -1

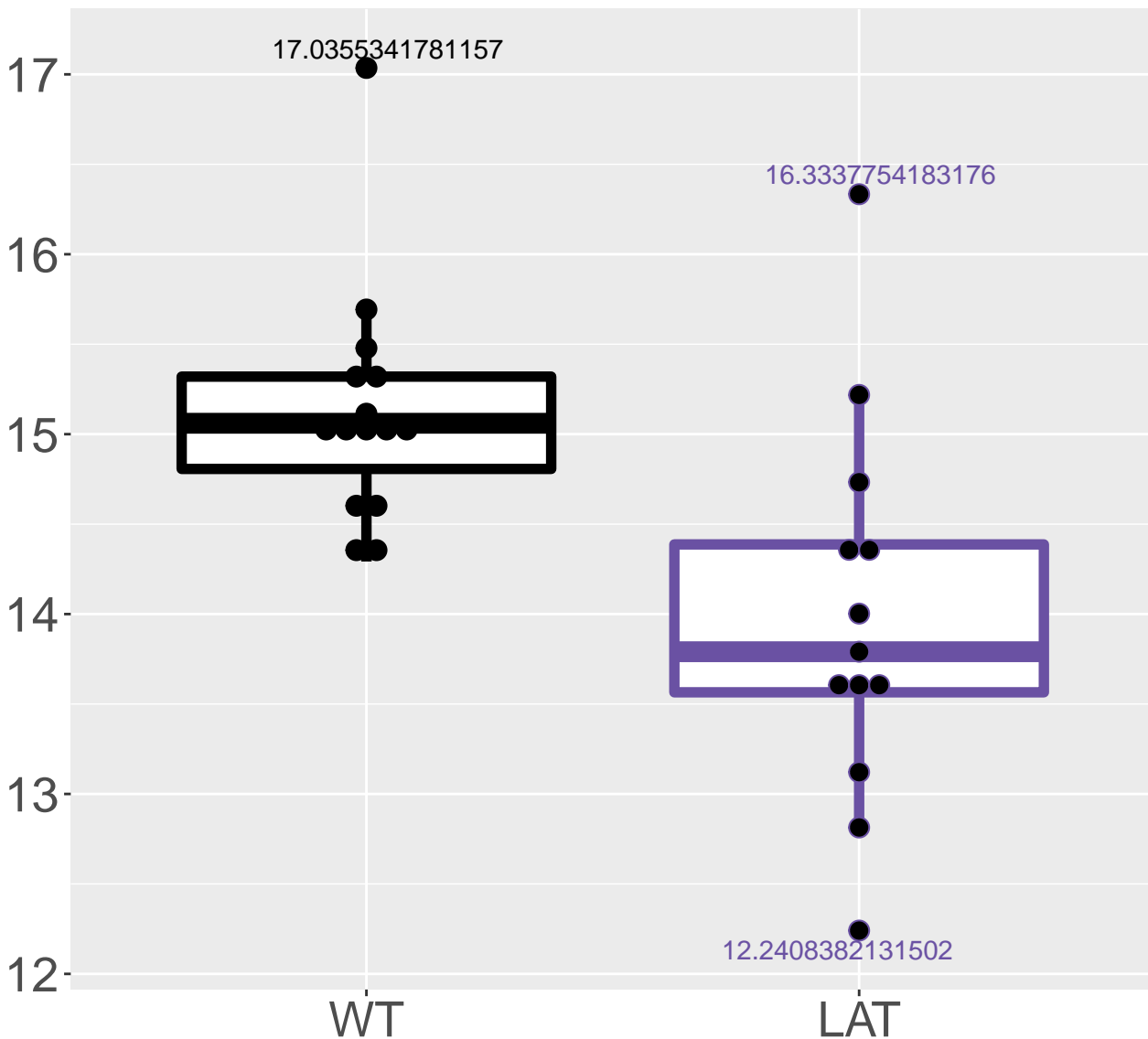


M415.2316T348.3

FDR = 0.0087, FC = -0.63

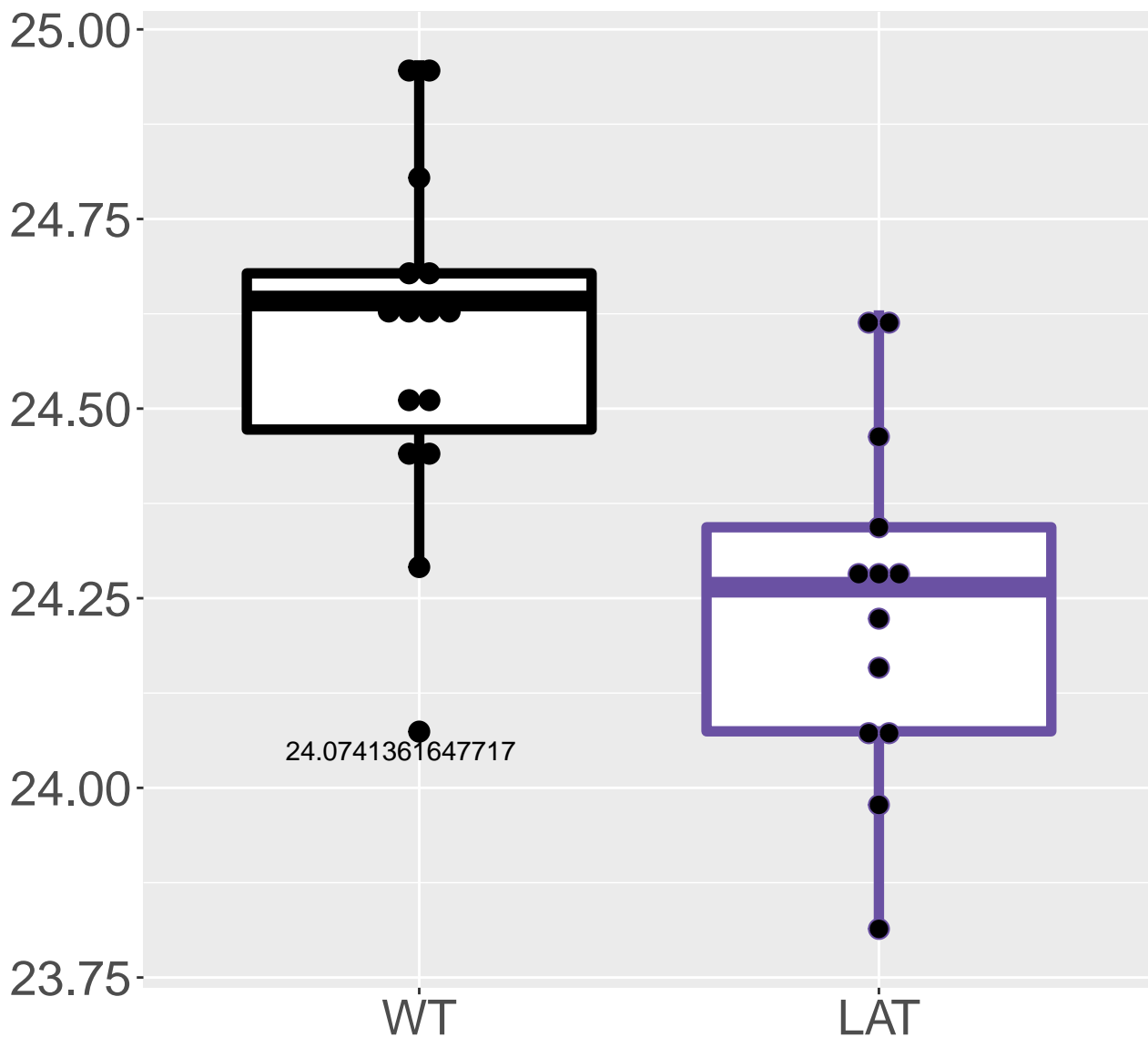


M981.8182T688.72
FDR = 0.0088, FC = -1.2



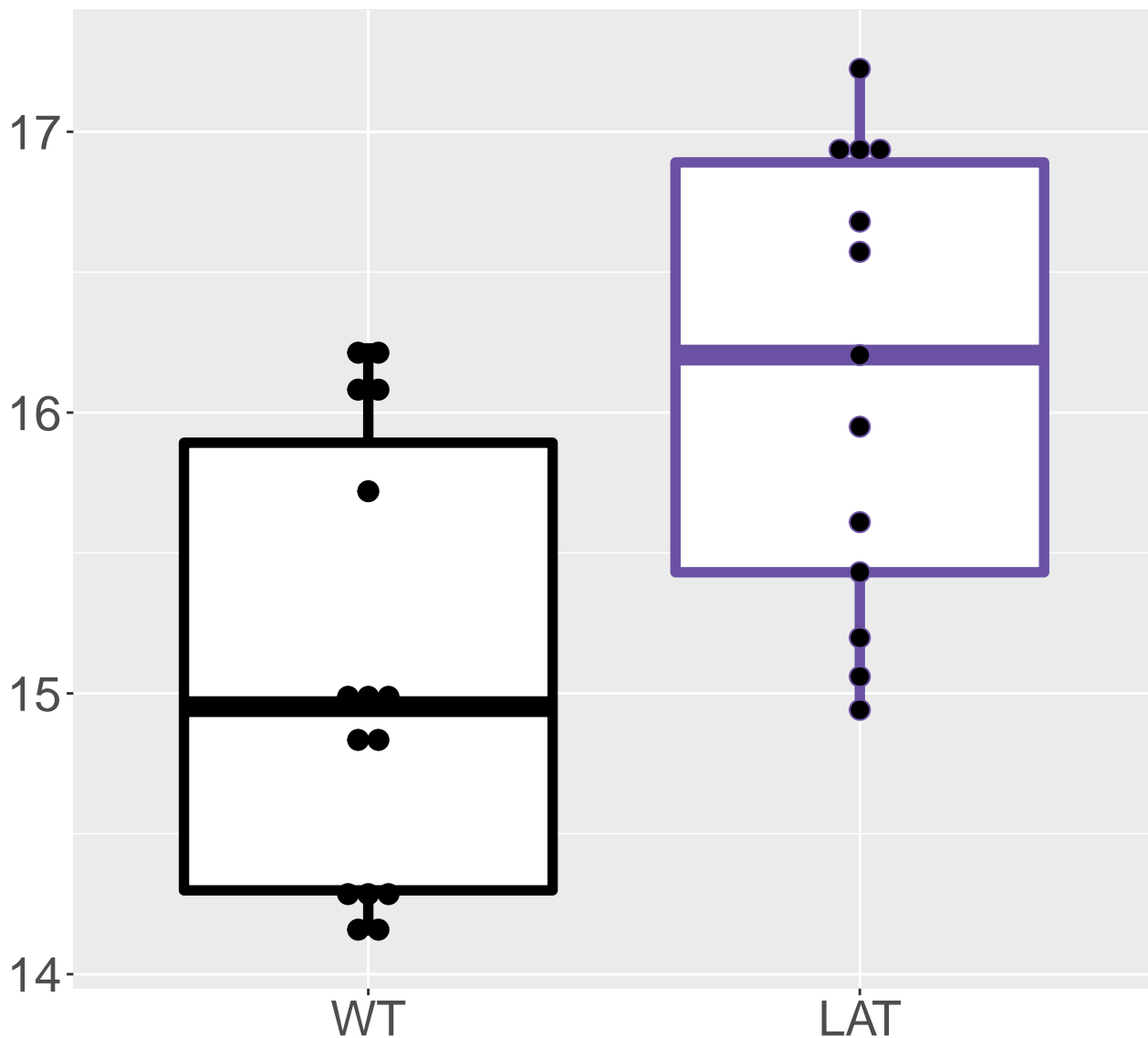
L-Histidine

FDR = 0.0088, FC = -0.34



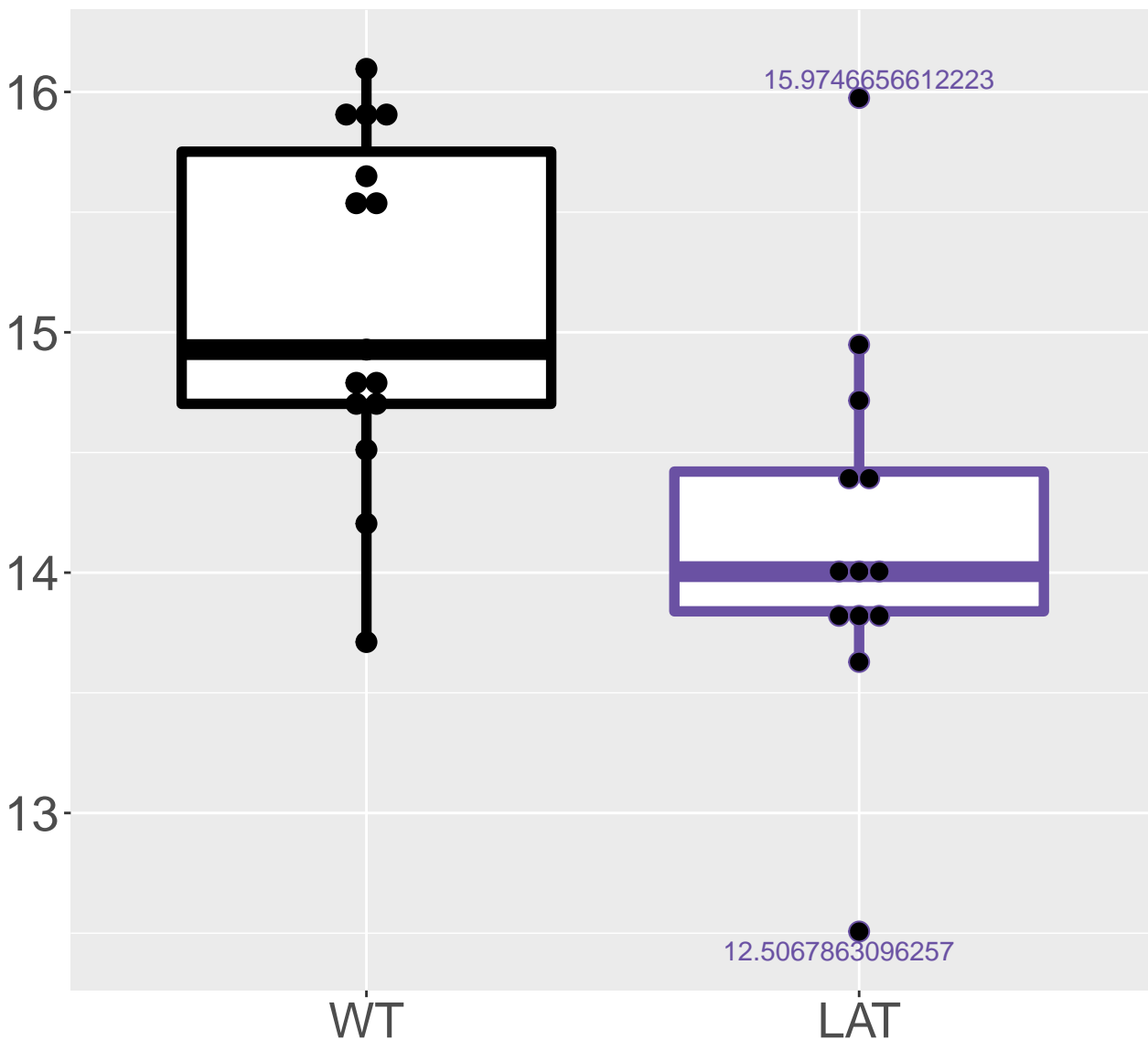
M428.0447T628.52

FDR = 0.0089, FC = 1.1

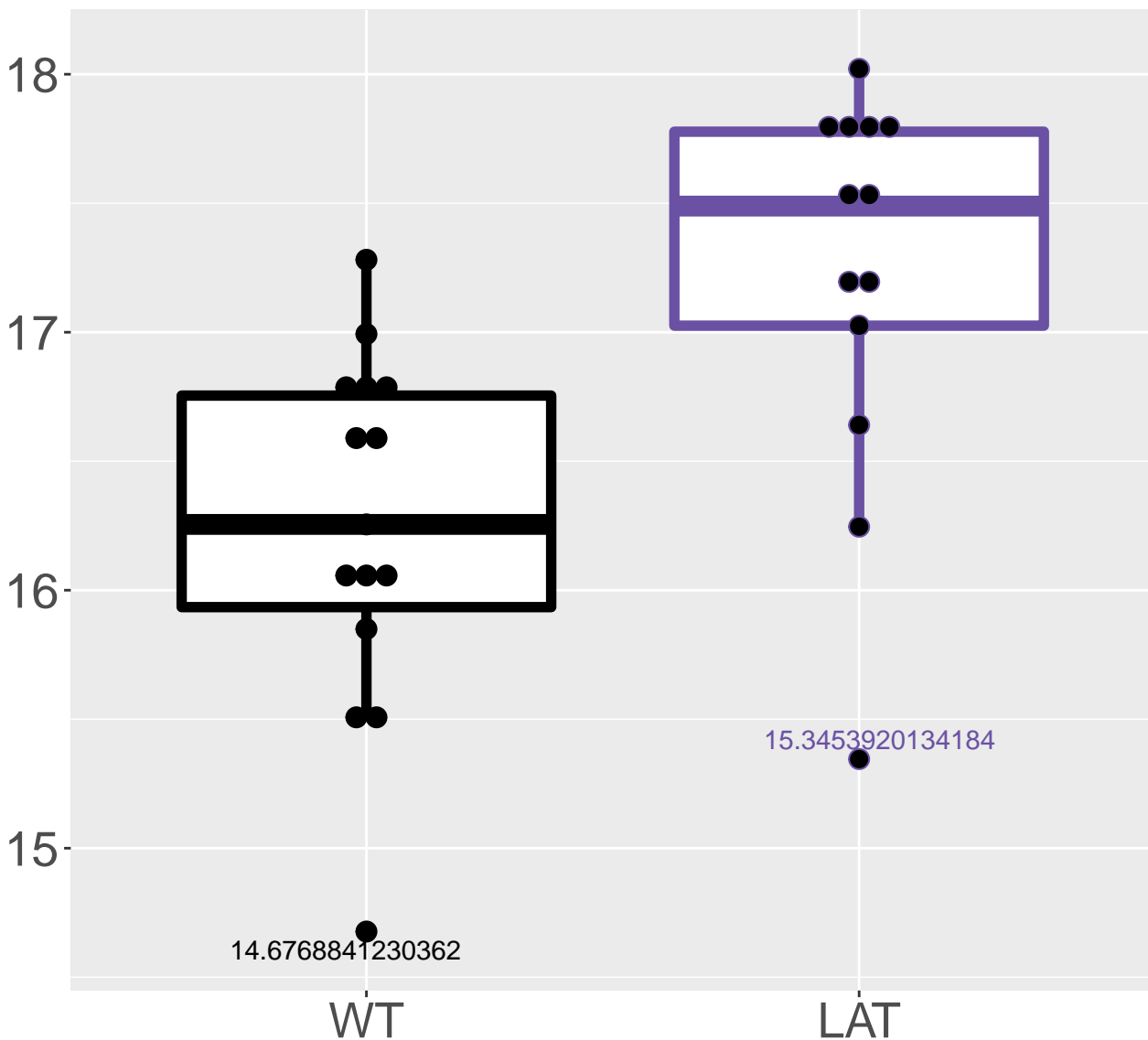


M334.0955T368.85

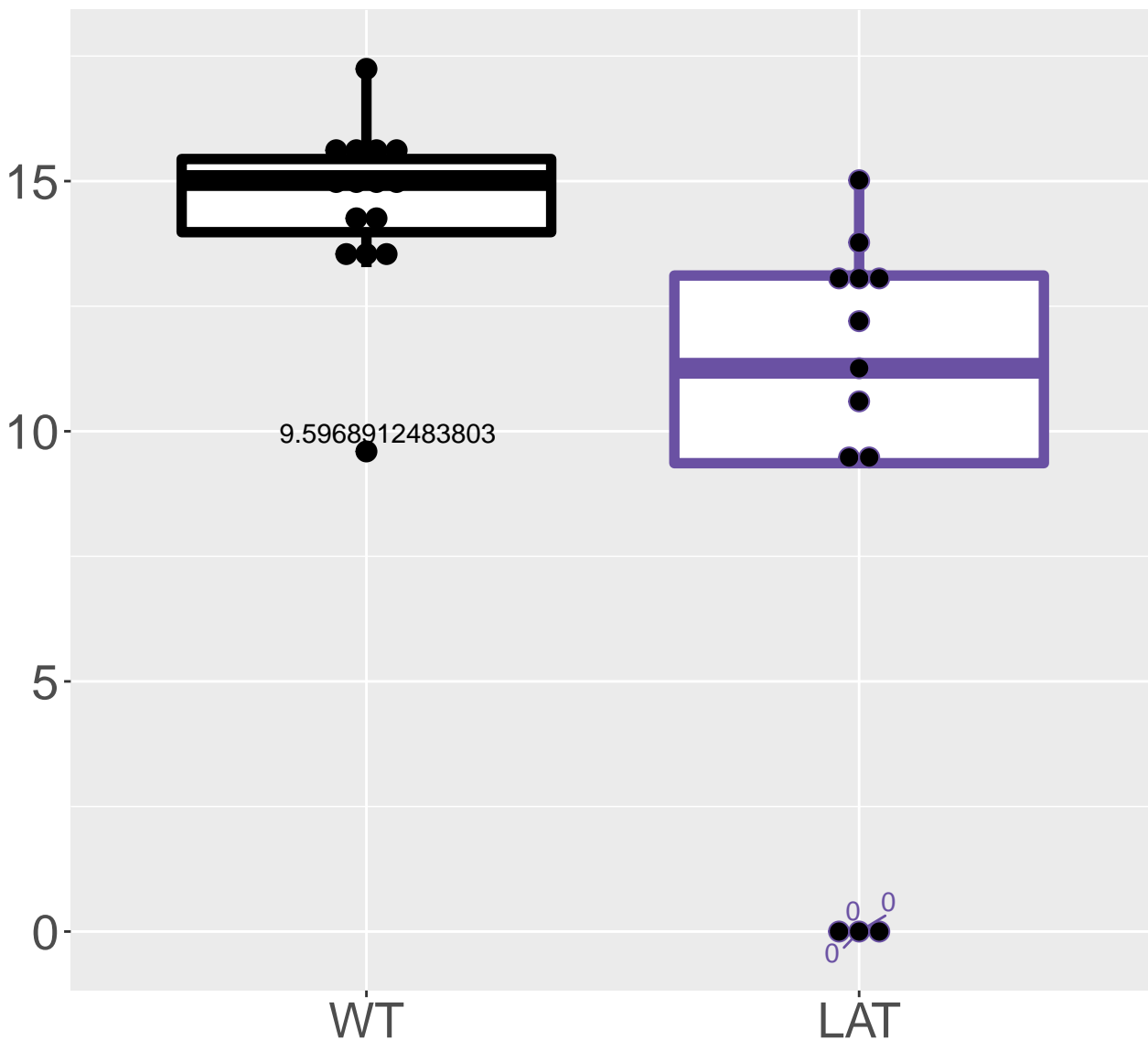
FDR = 0.0089, FC = -0.97



FDR = 0.0089, FC = 0.97

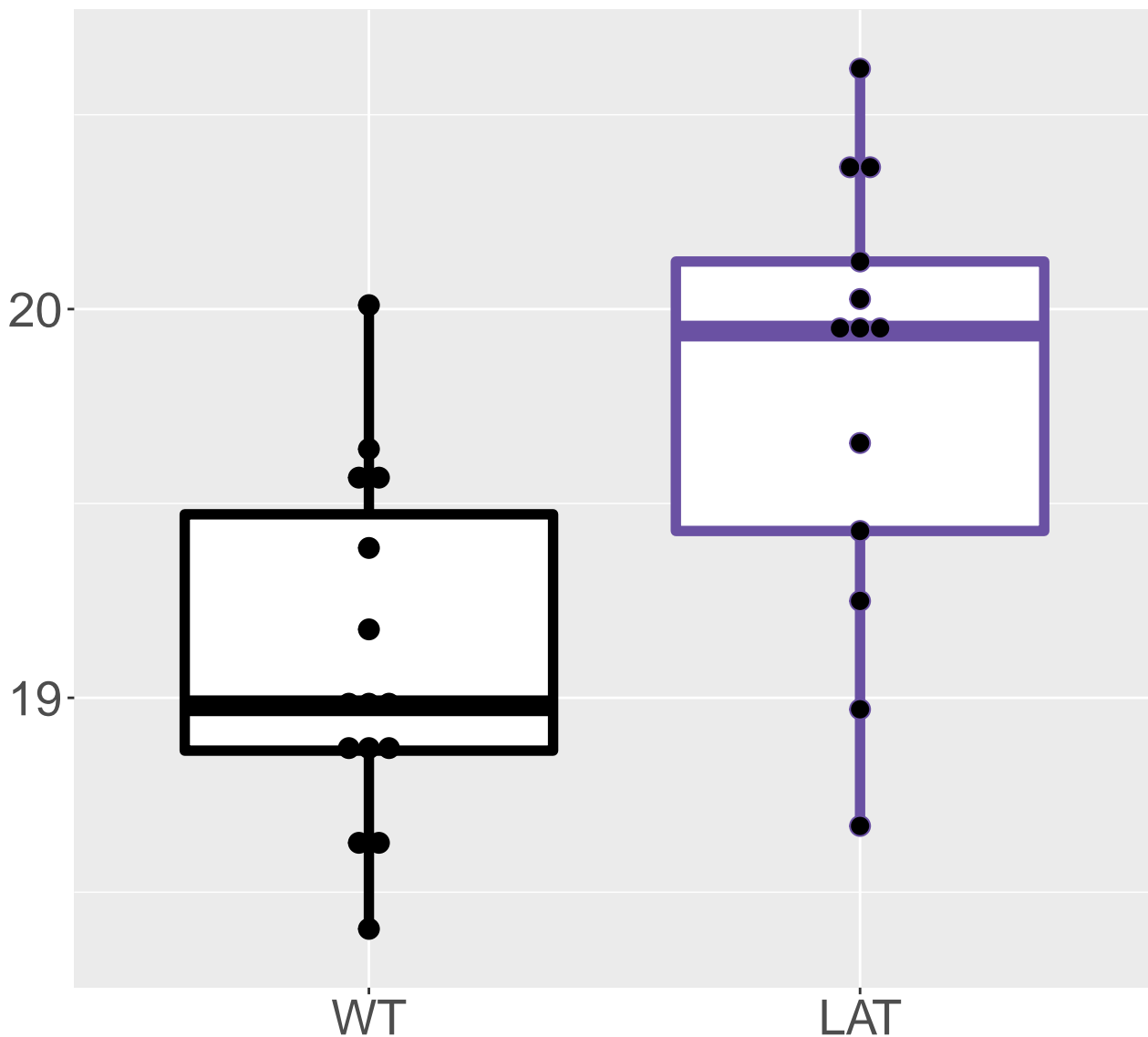


FDR = 0.009, FC = -5.3



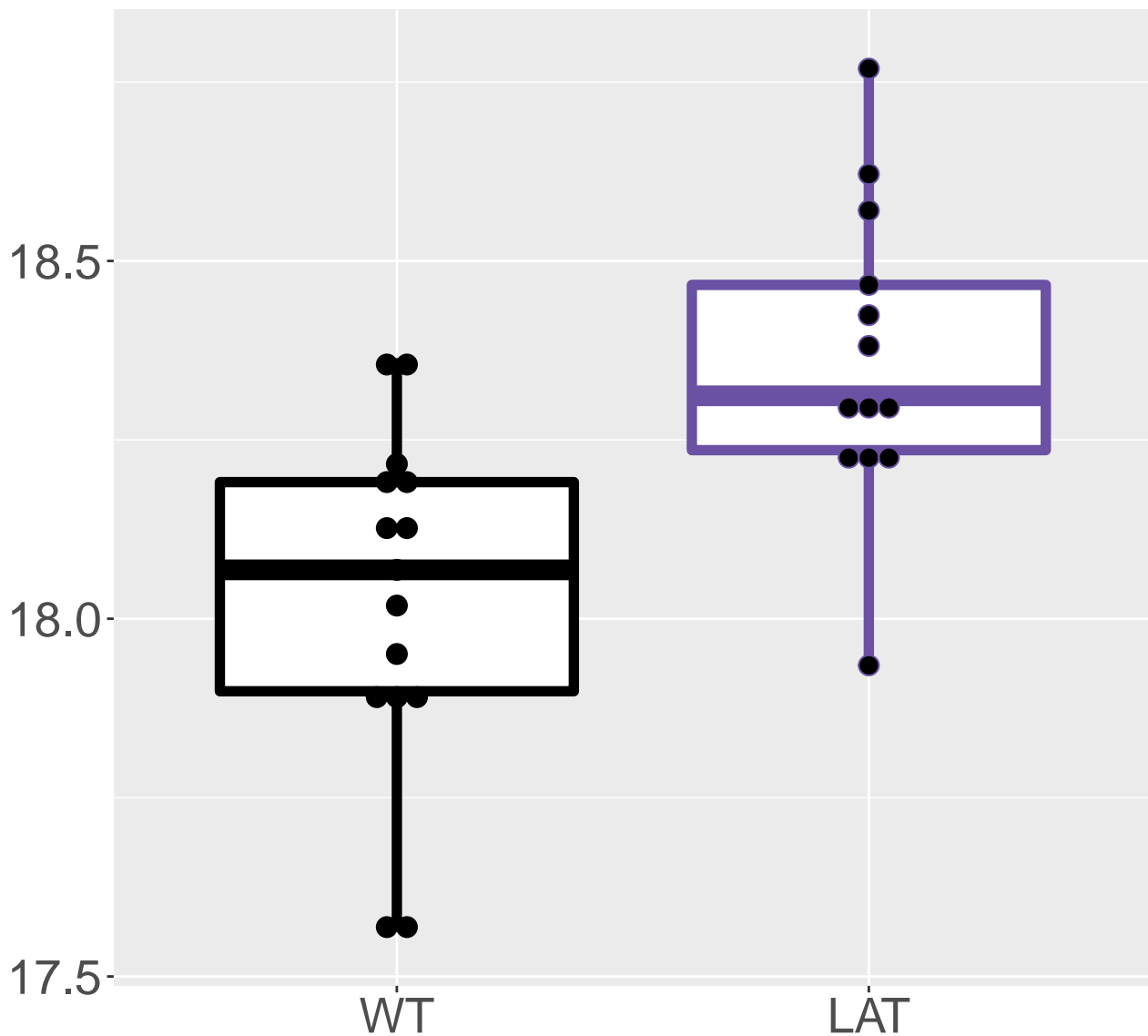
M769.3126T296.01

FDR = 0.009, FC = 0.69



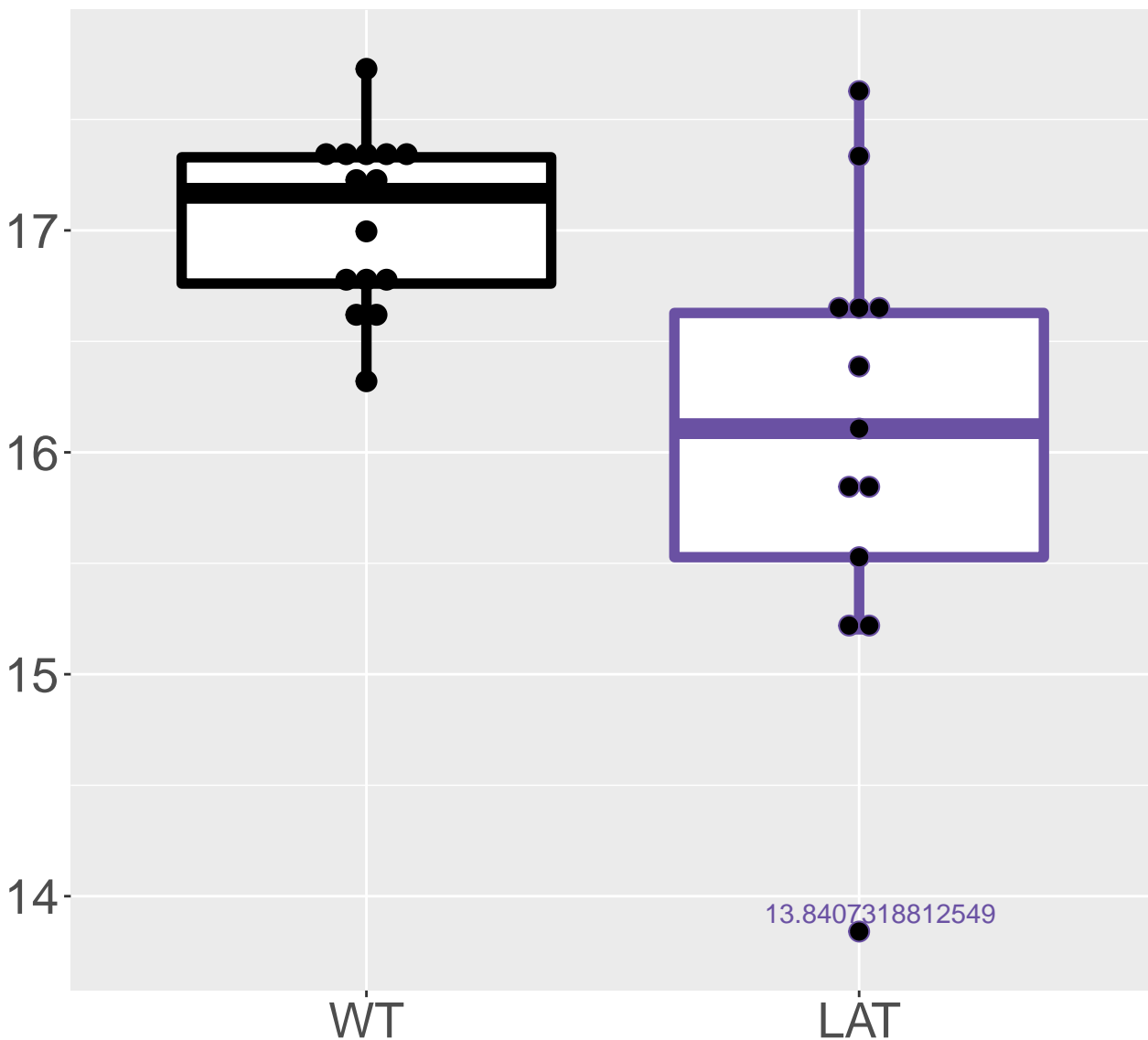
M629.1354T561.18

FDR = 0.0091, FC = 0.34



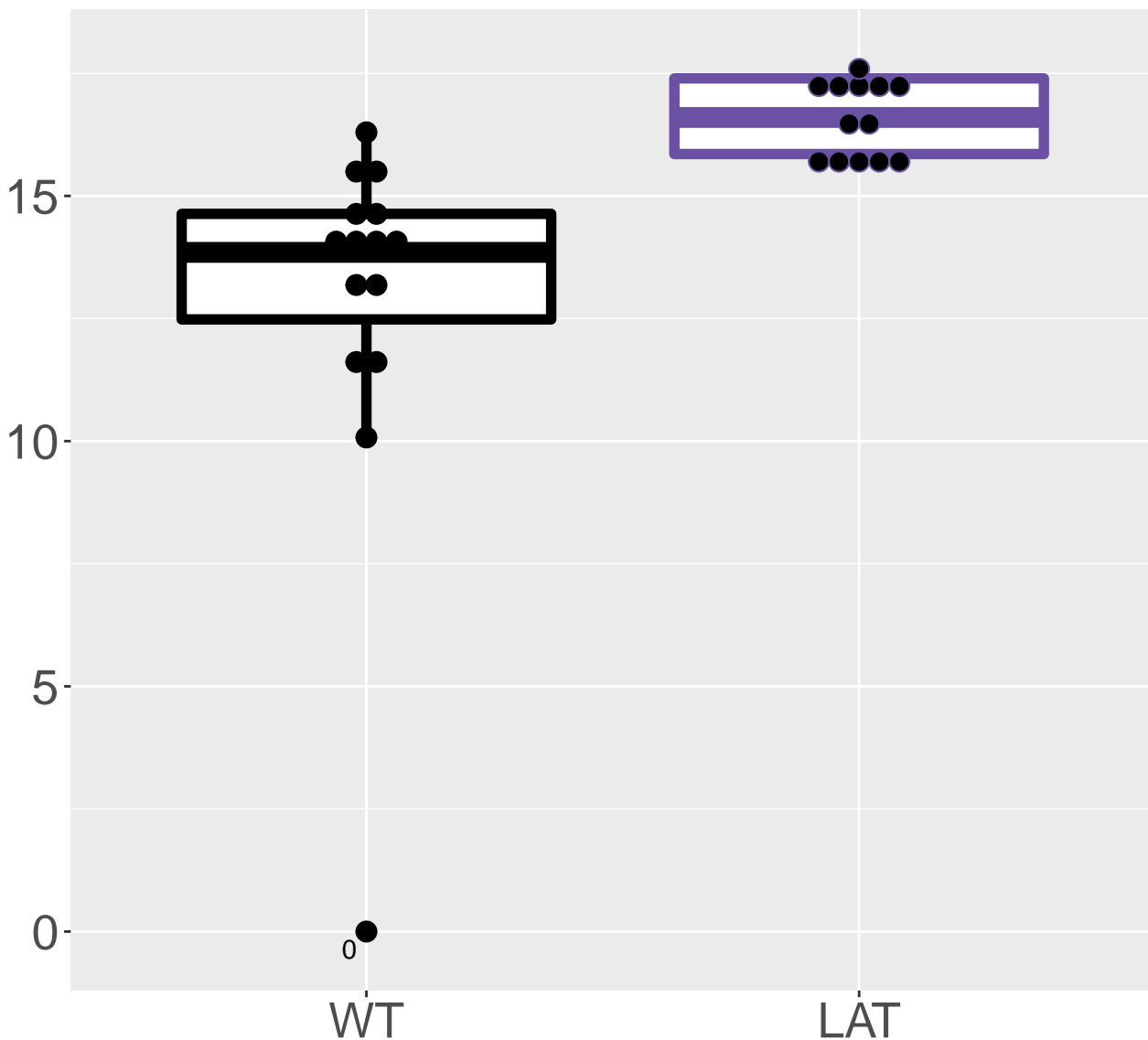
M457.1207T544.49

FDR = 0.0092, FC = -0.98



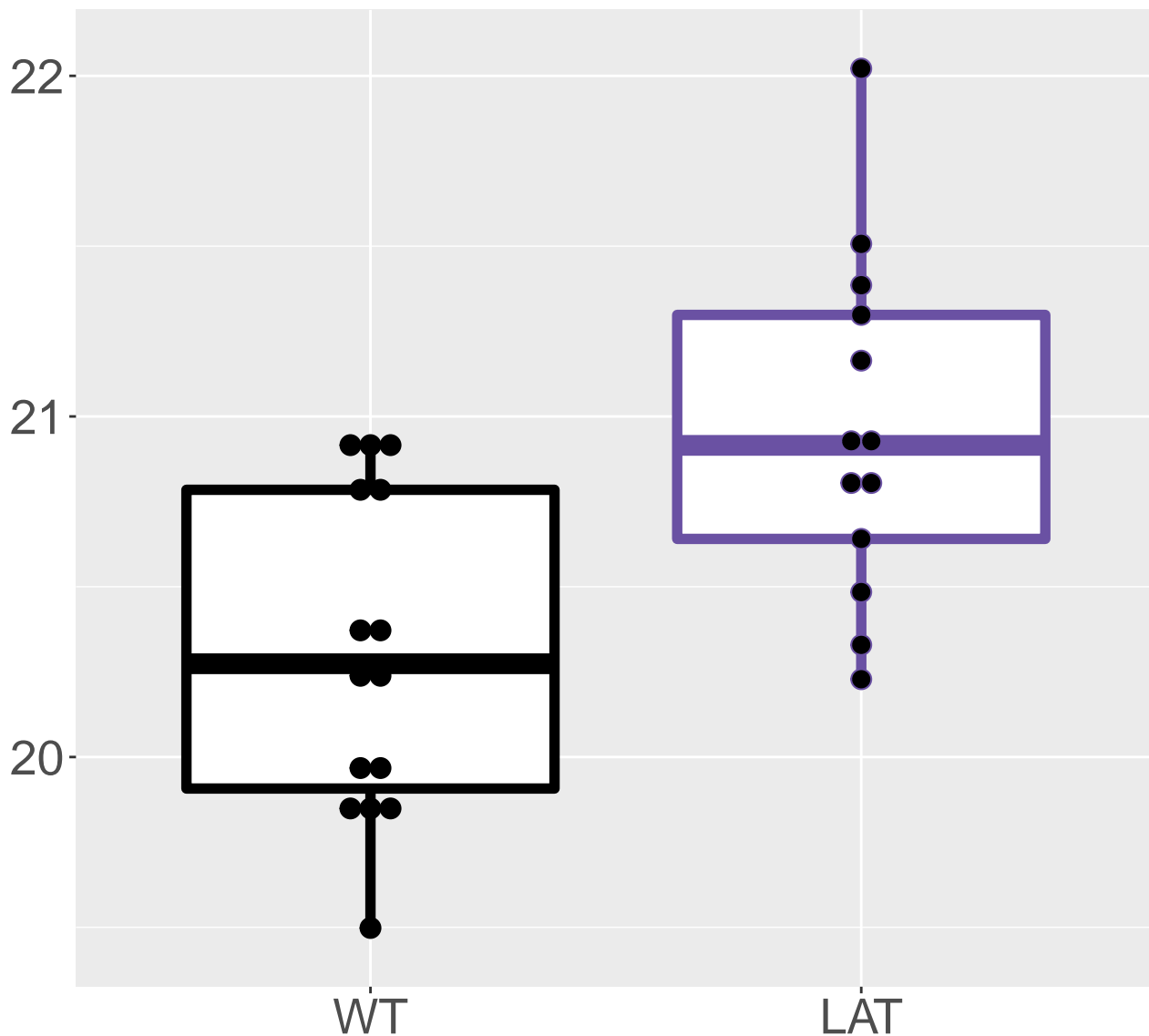
M308.5399T539.62

FDR = 0.0093, FC = 3.8



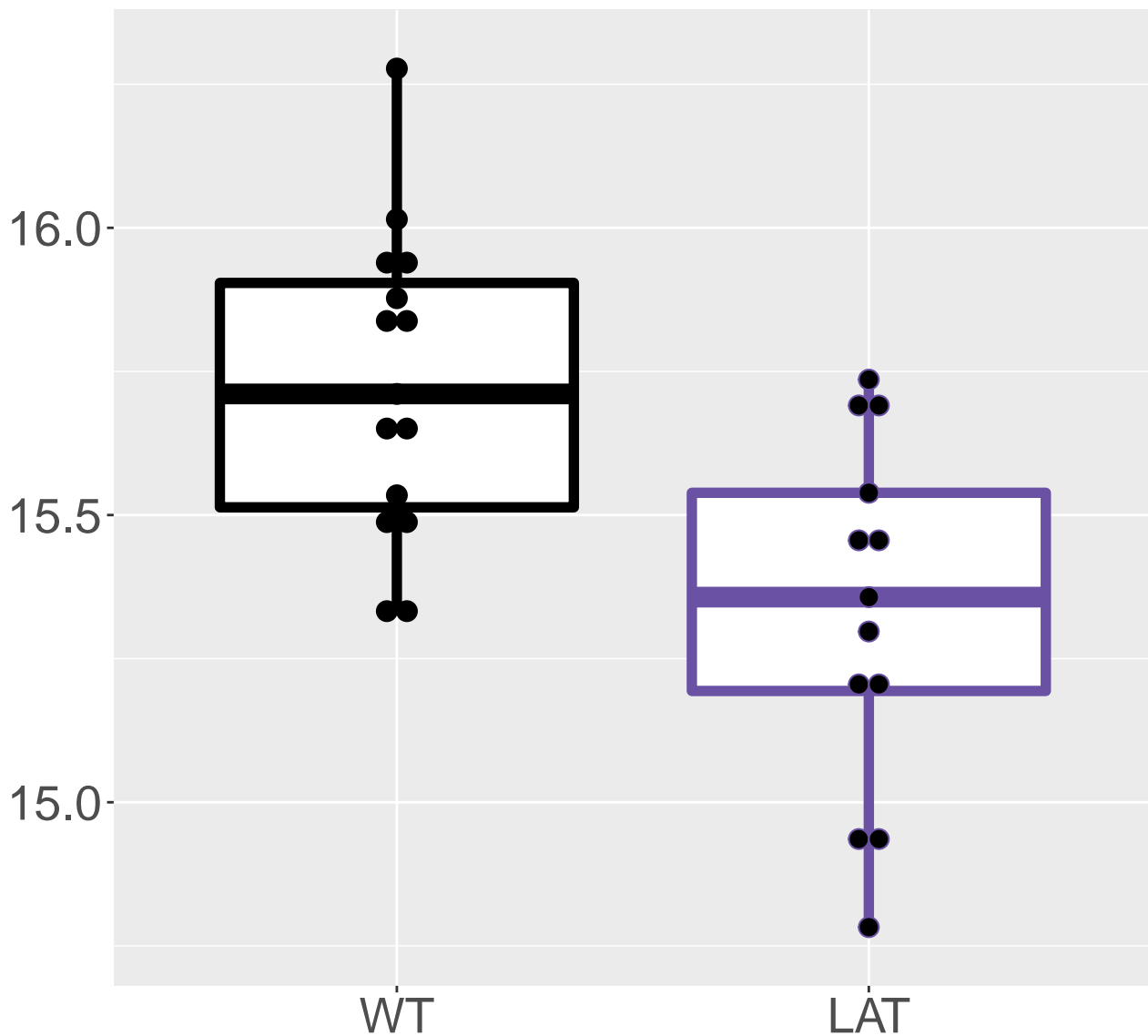
M123.9888T229.96

FDR = 0.0094, FC = 0.66



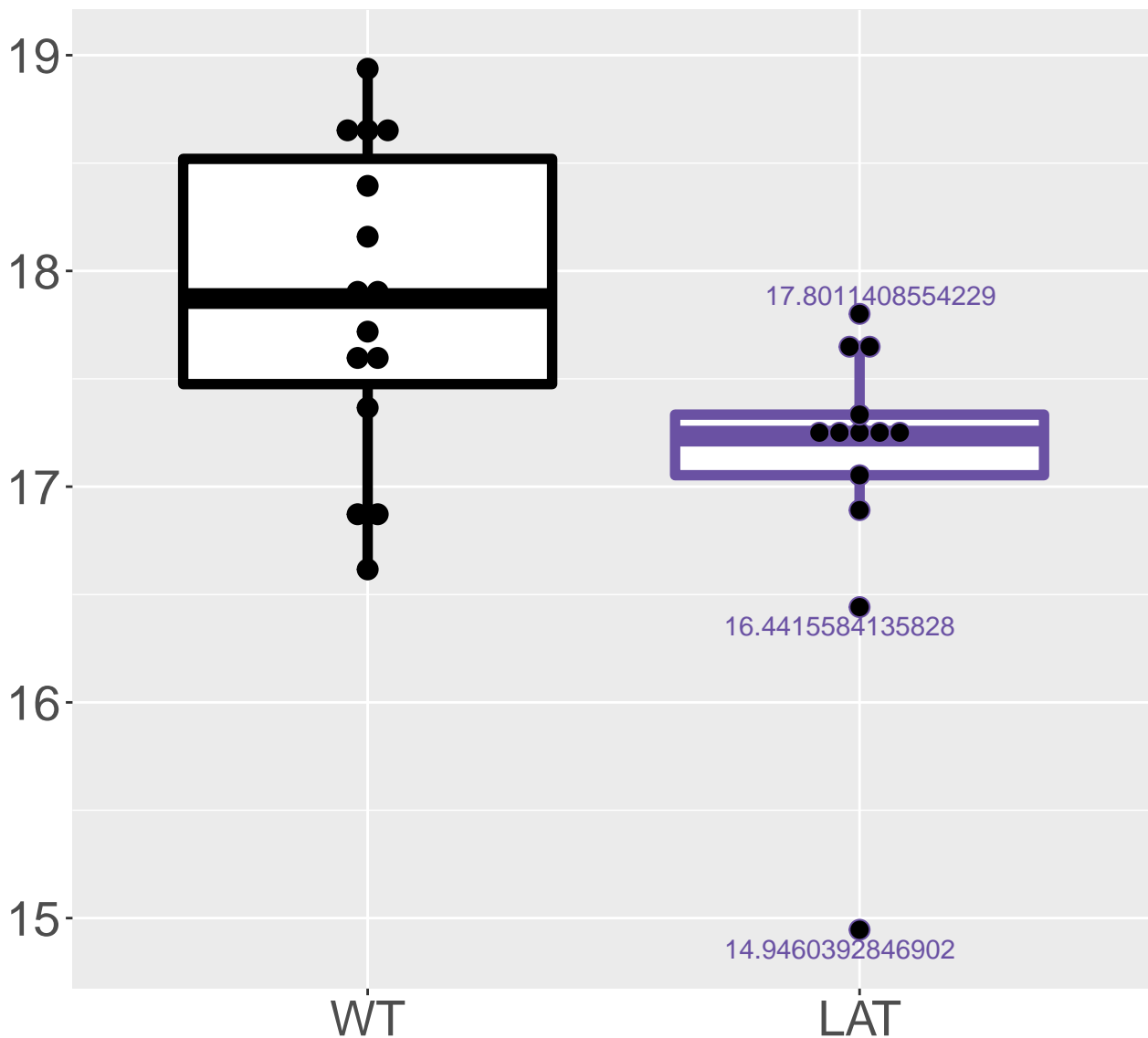
M713.1998T588.41

FDR = 0.0094, FC = -0.4

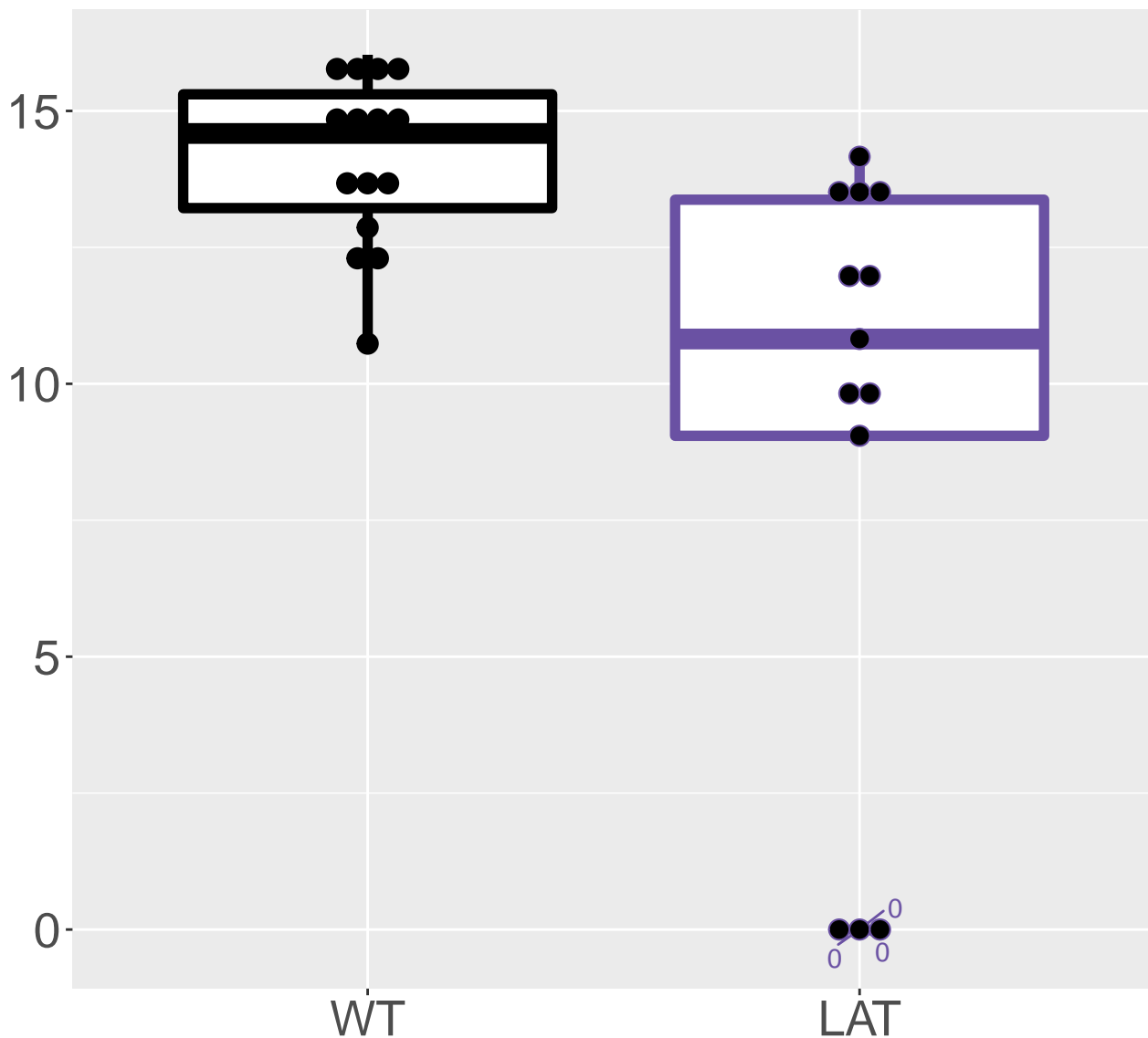


M534.4613T78.55

FDR = 0.0095, FC = -0.79

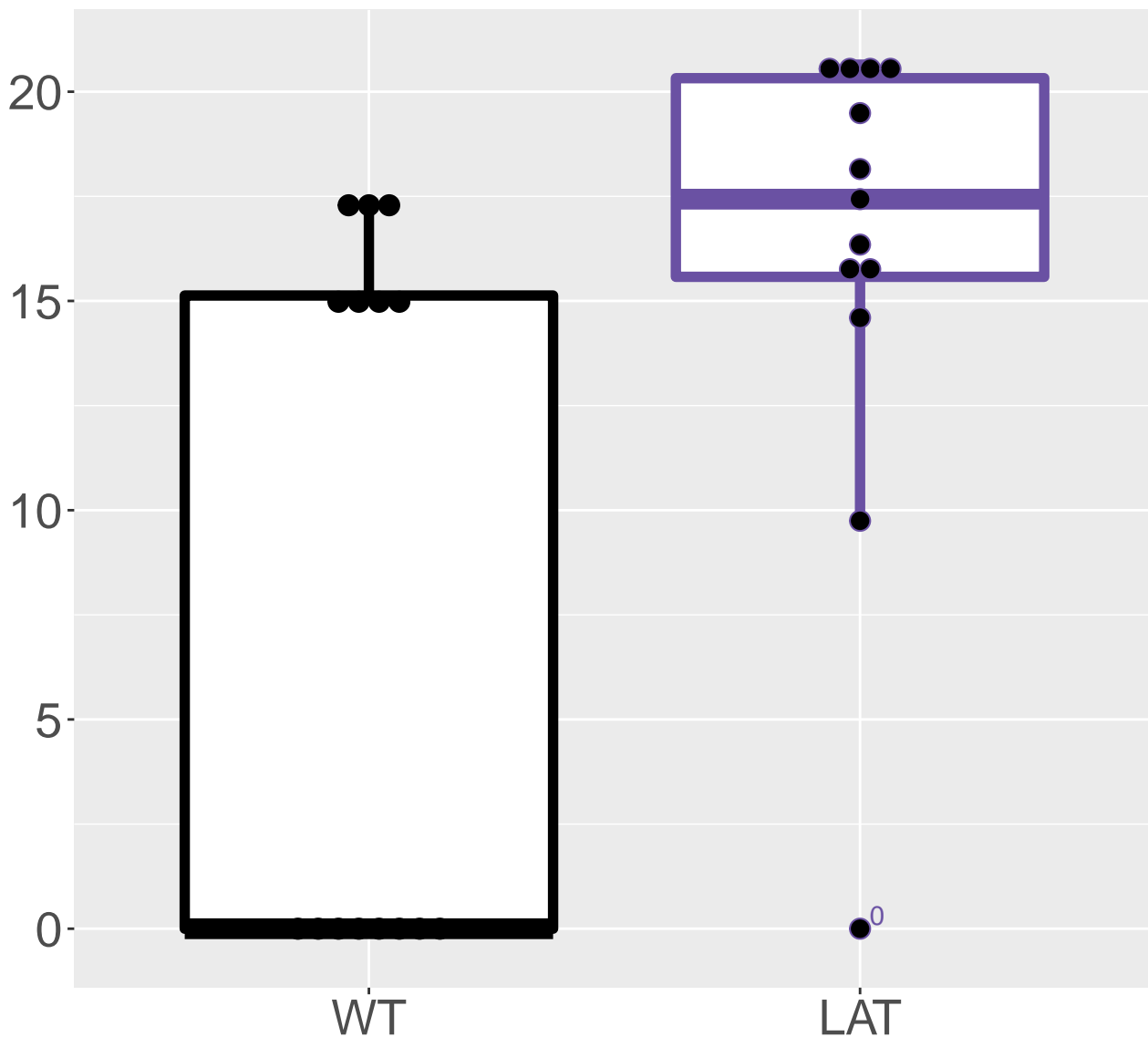


M597.1471T539.81
FDR = 0.0096, FC = -5

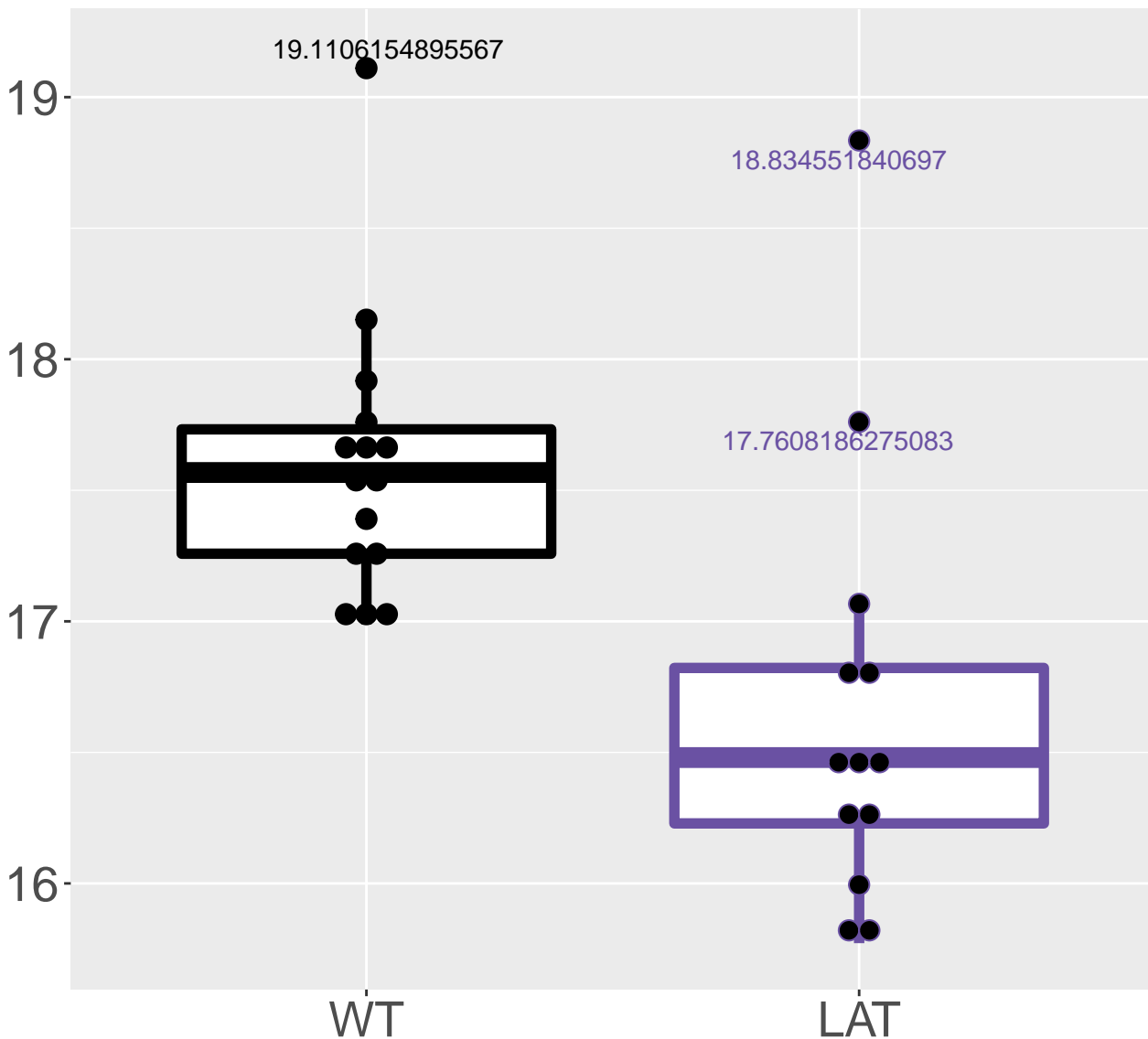


M560.0803T517.25

FDR = 0.0097, FC = 8.7

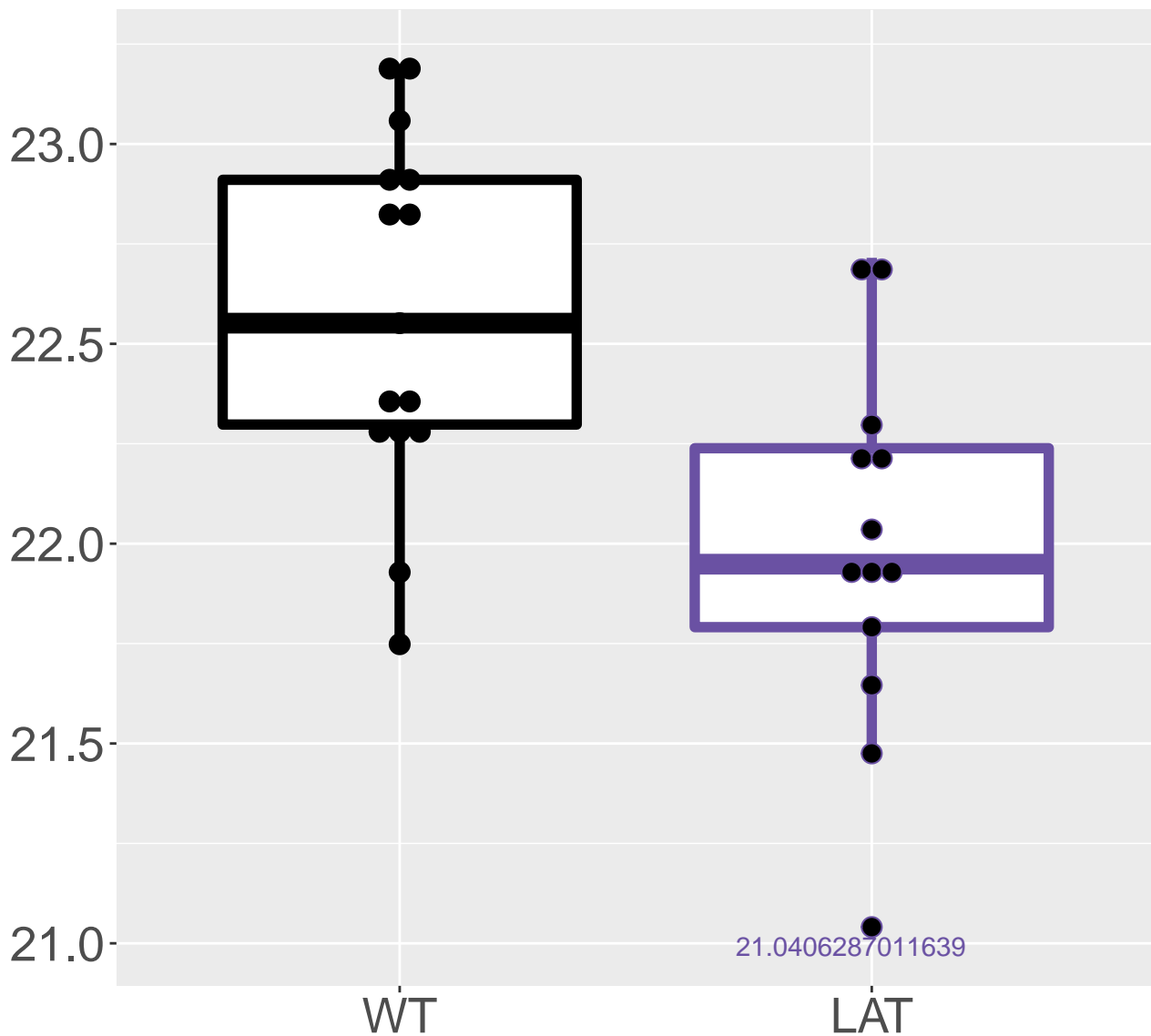


M980.3139T688.71
FDR = 0.0098, FC = -0.92

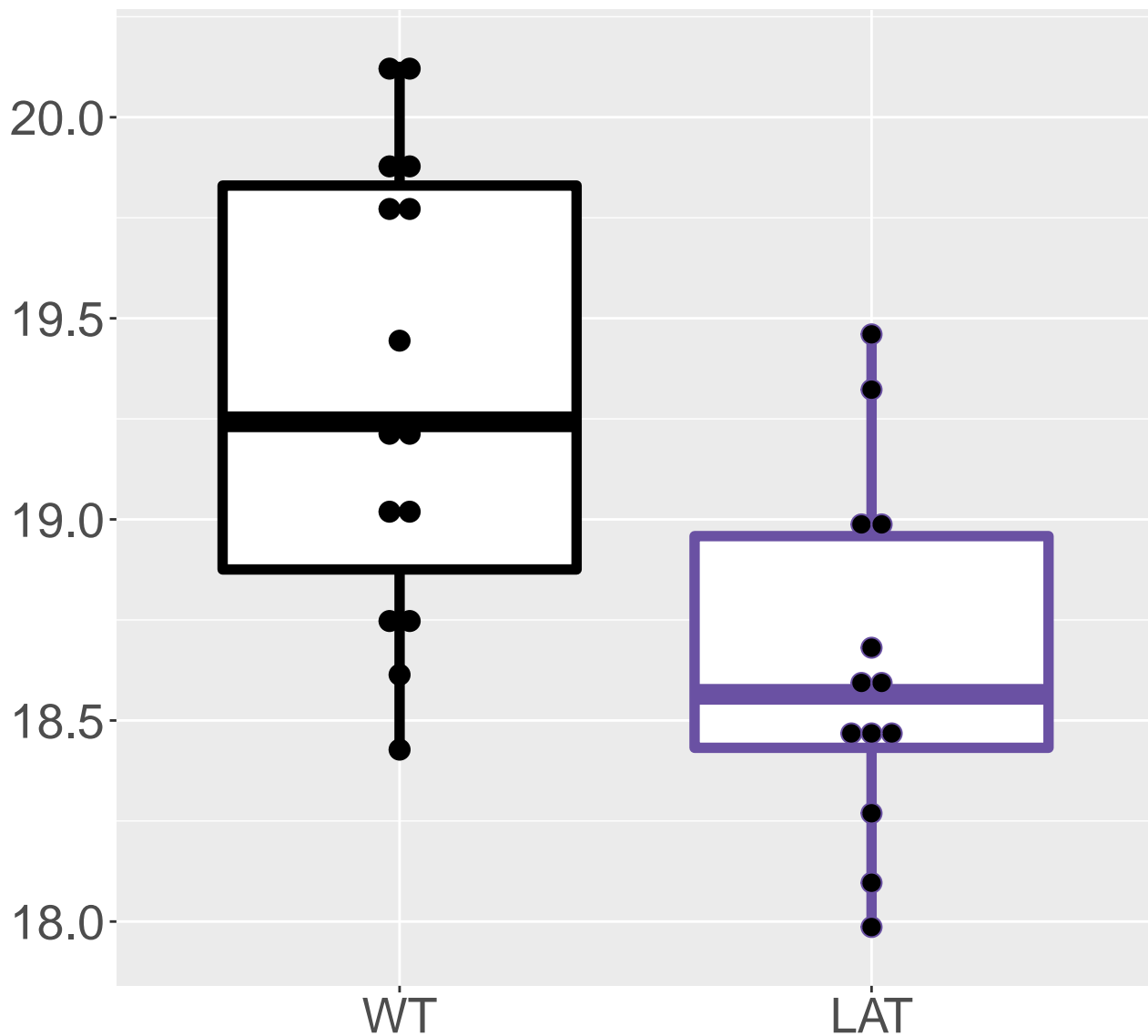


M221.0668T537.17

FDR = 0.0099, FC = -0.59

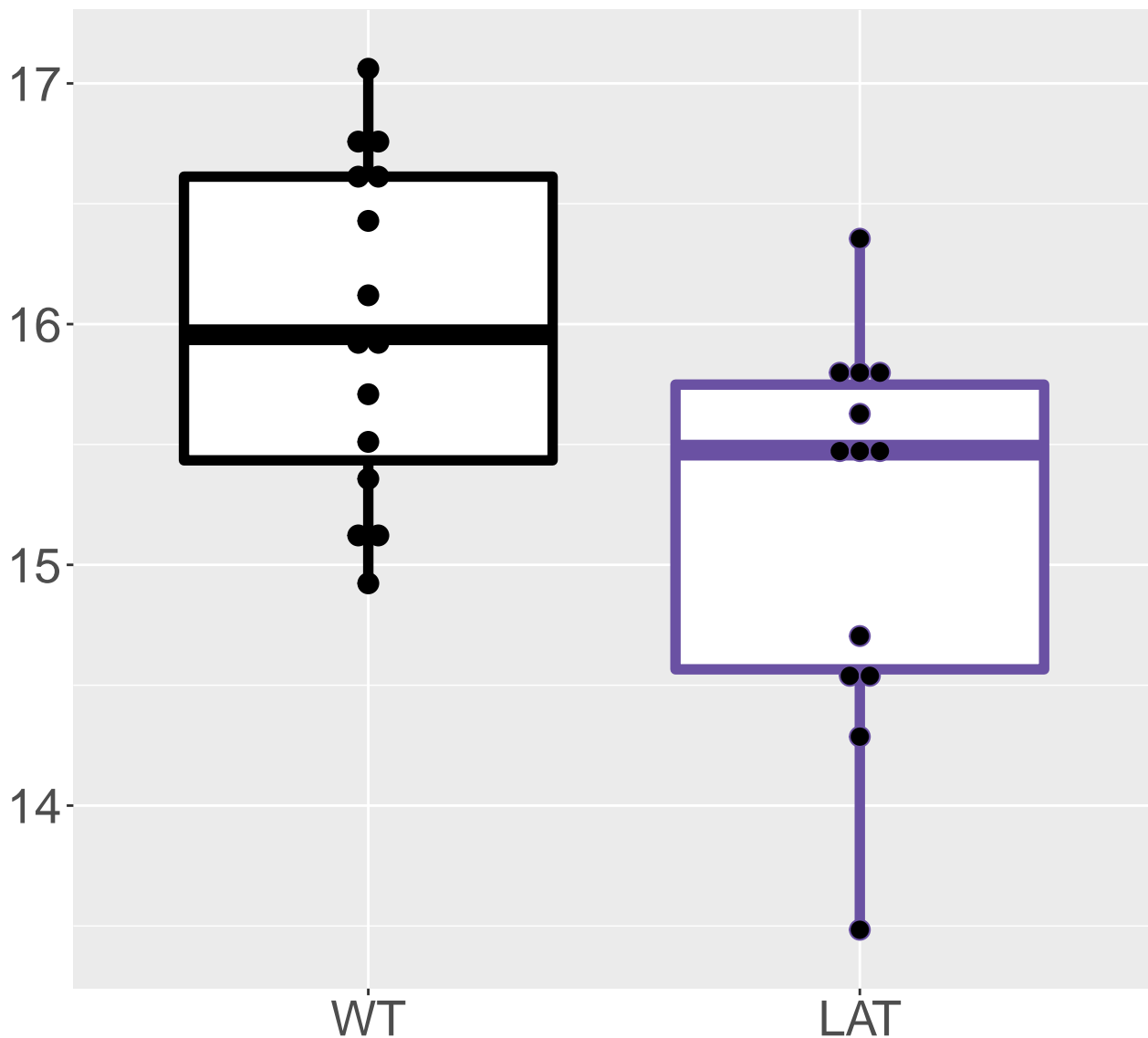


M610.1666T572.83
FDR = 0.01, FC = -0.69

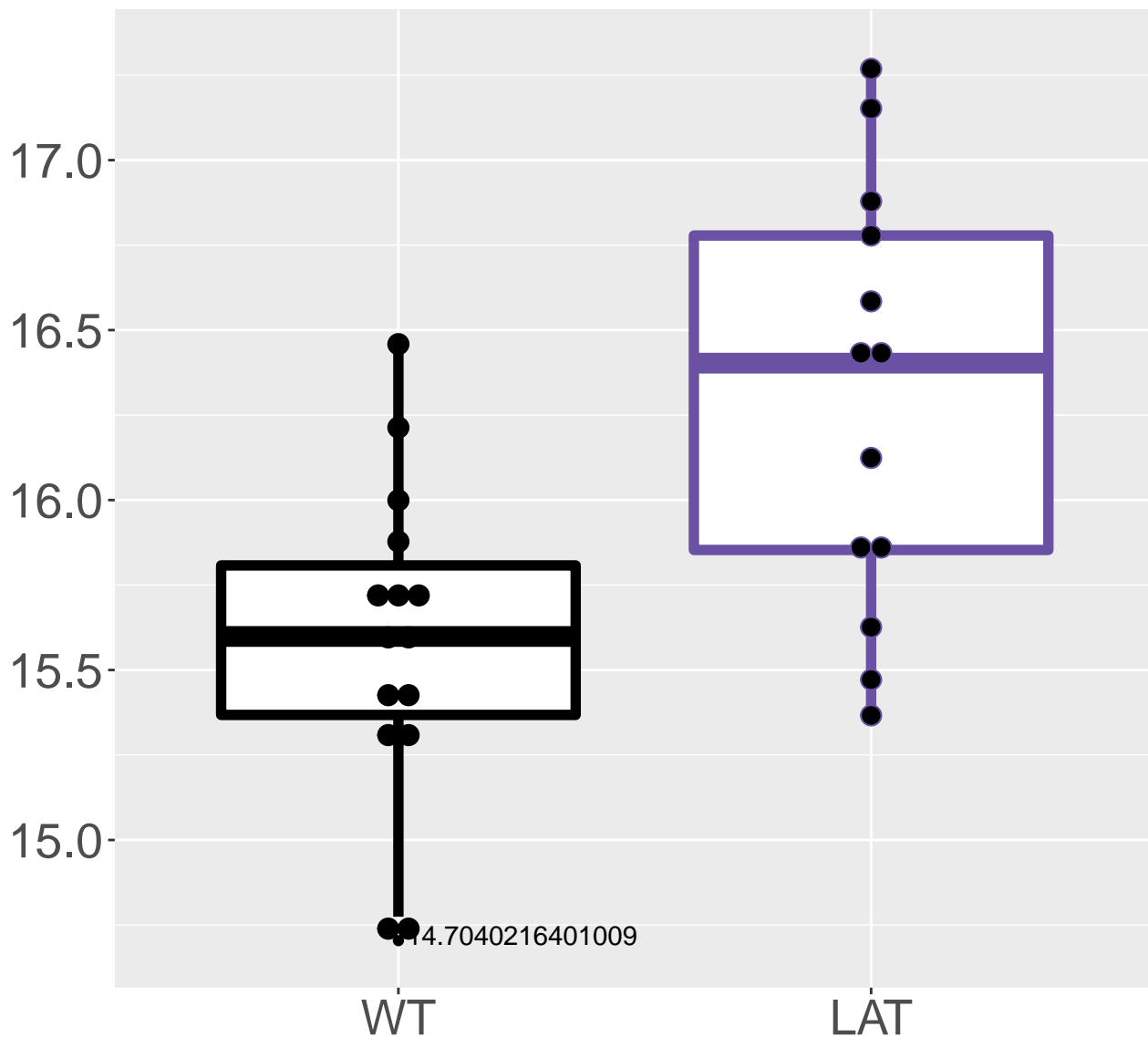


M537.1678T516.89

FDR = 0.01, FC = -0.81

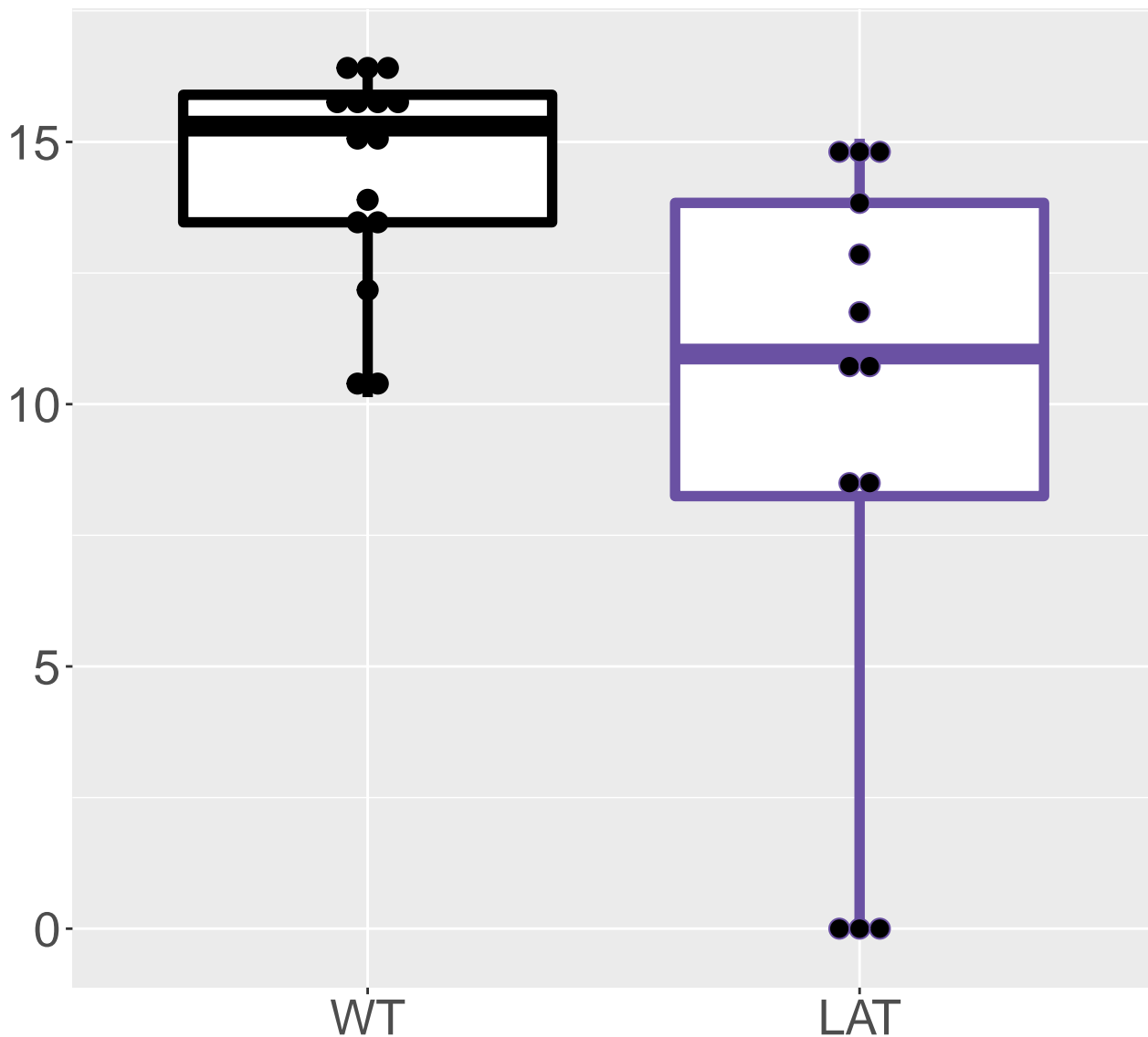


M287.1002T570.39
FDR = 0.01, FC = 0.7

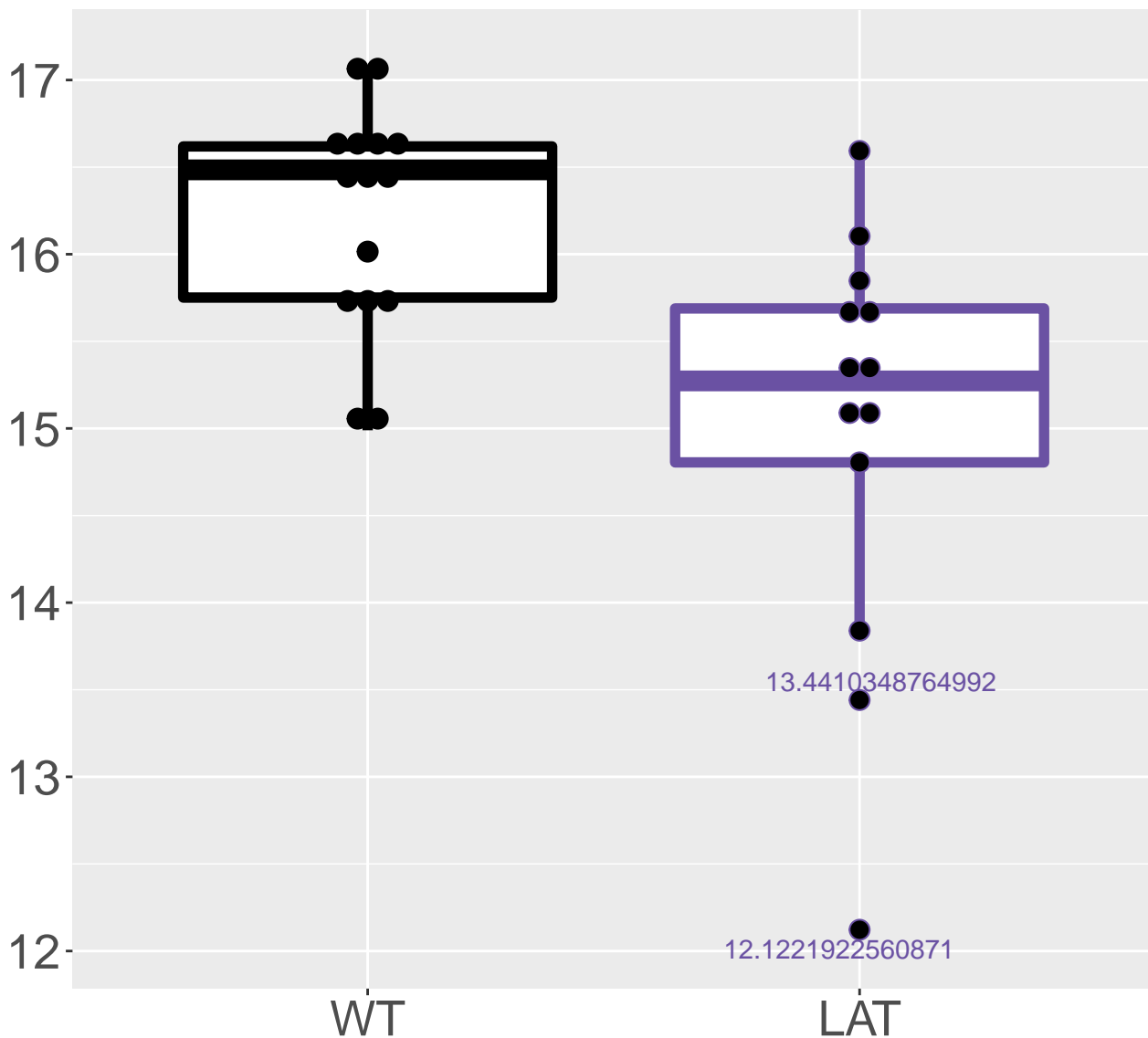


M665.1452T519.8

FDR = 0.01, FC = -5.1

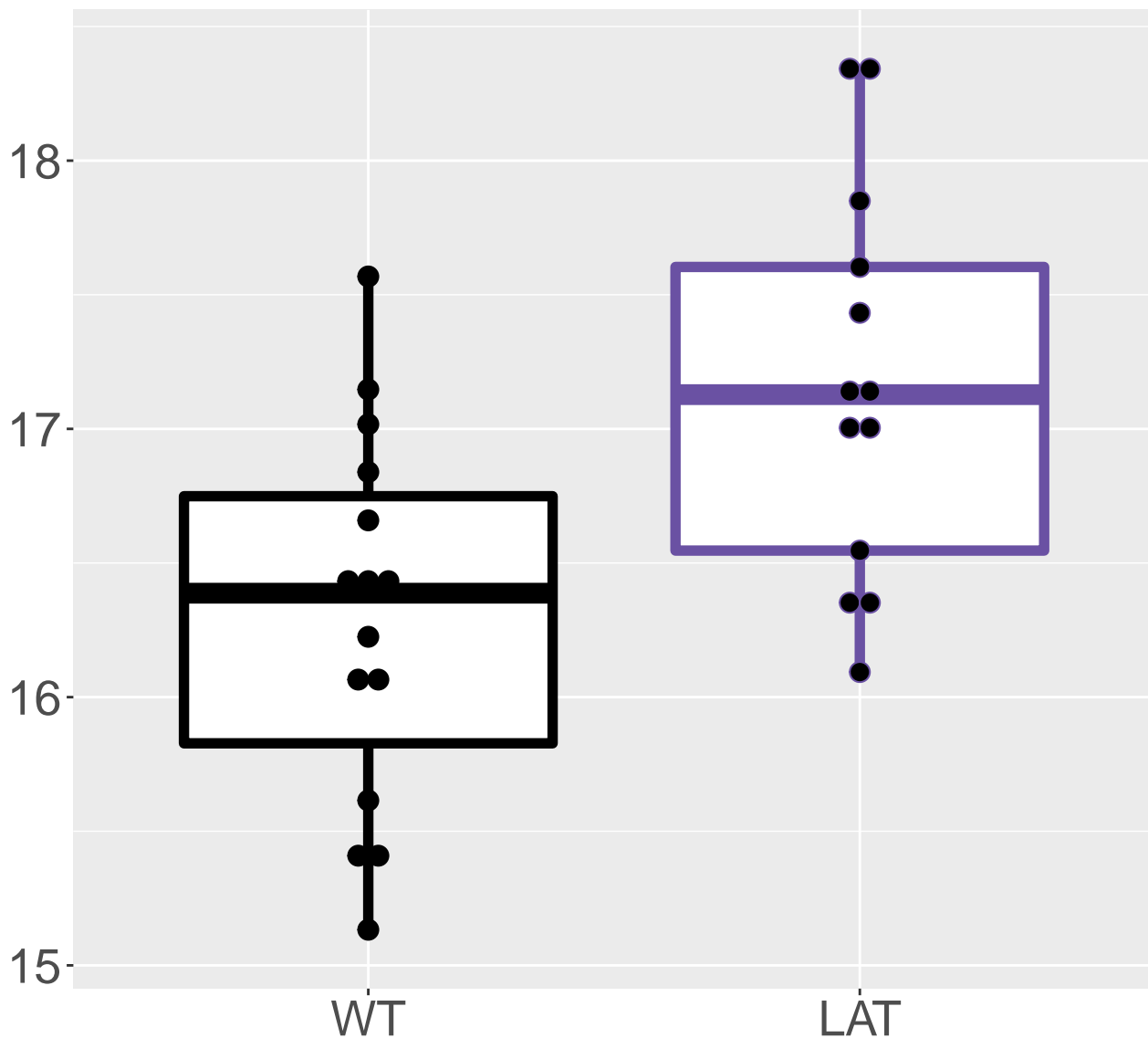


M619.2722T210.88
FDR = 0.01, FC = -1.2

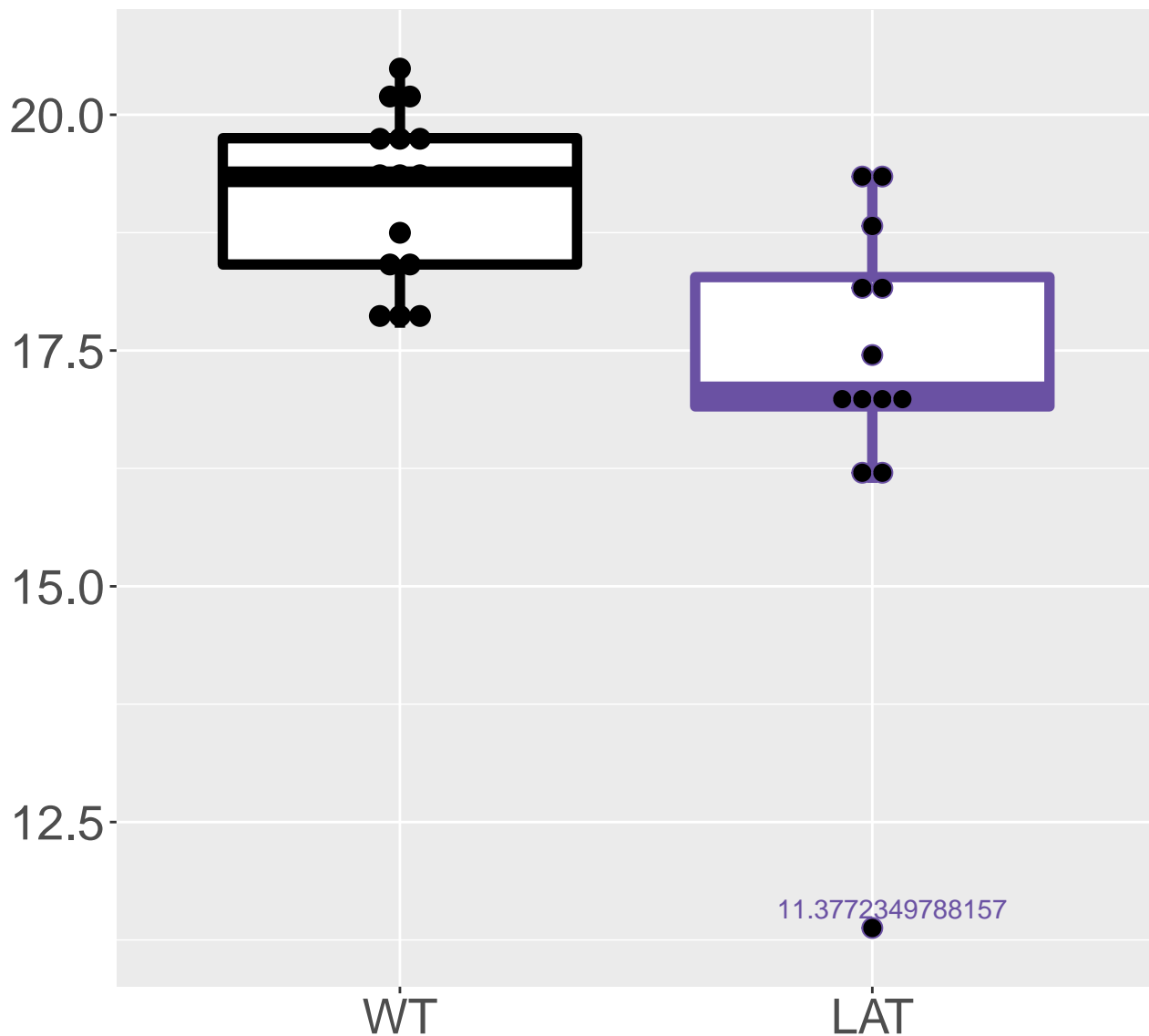


4-Hydroxybenzaldehyde|Benzoic acid

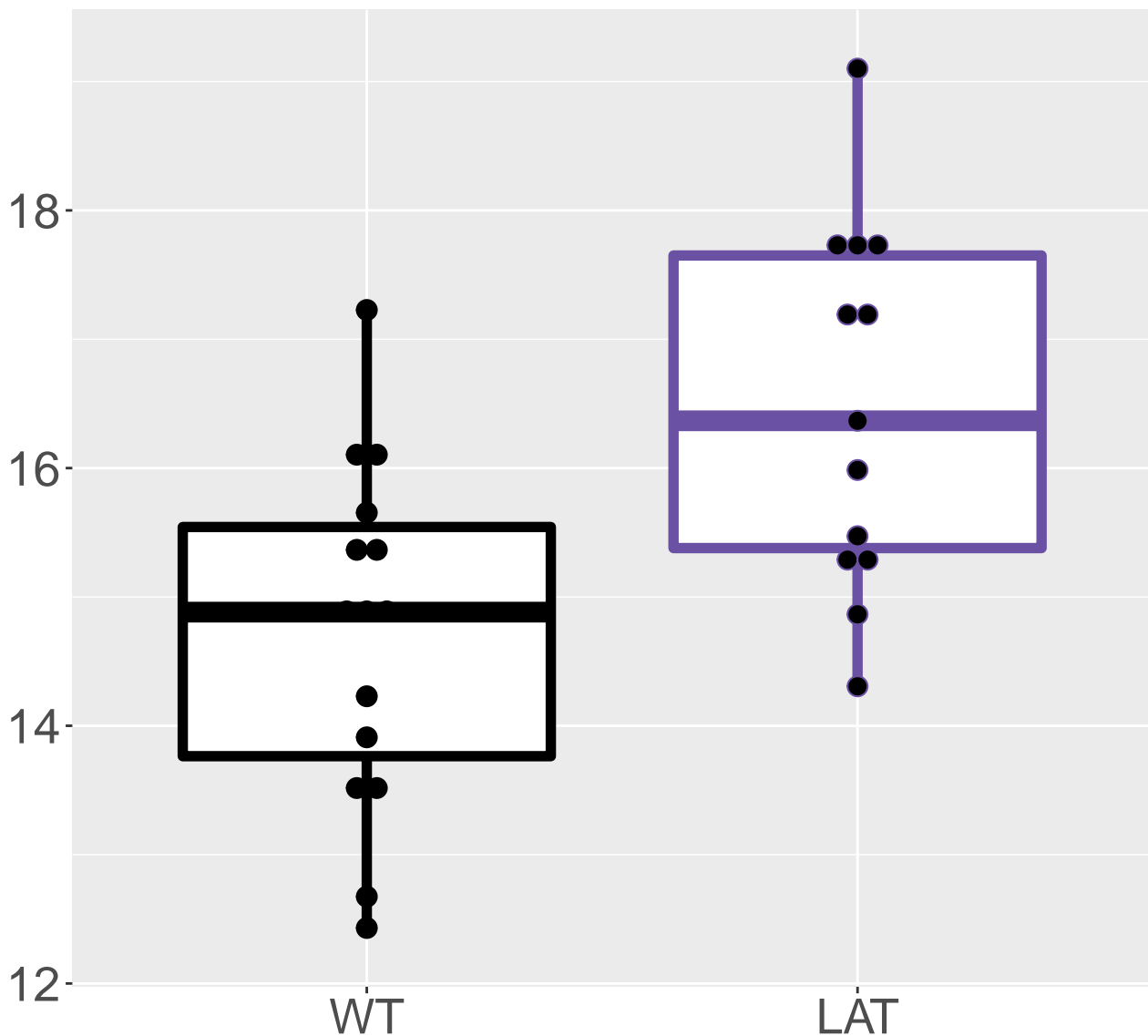
FDR = 0.01, FC = 0.87



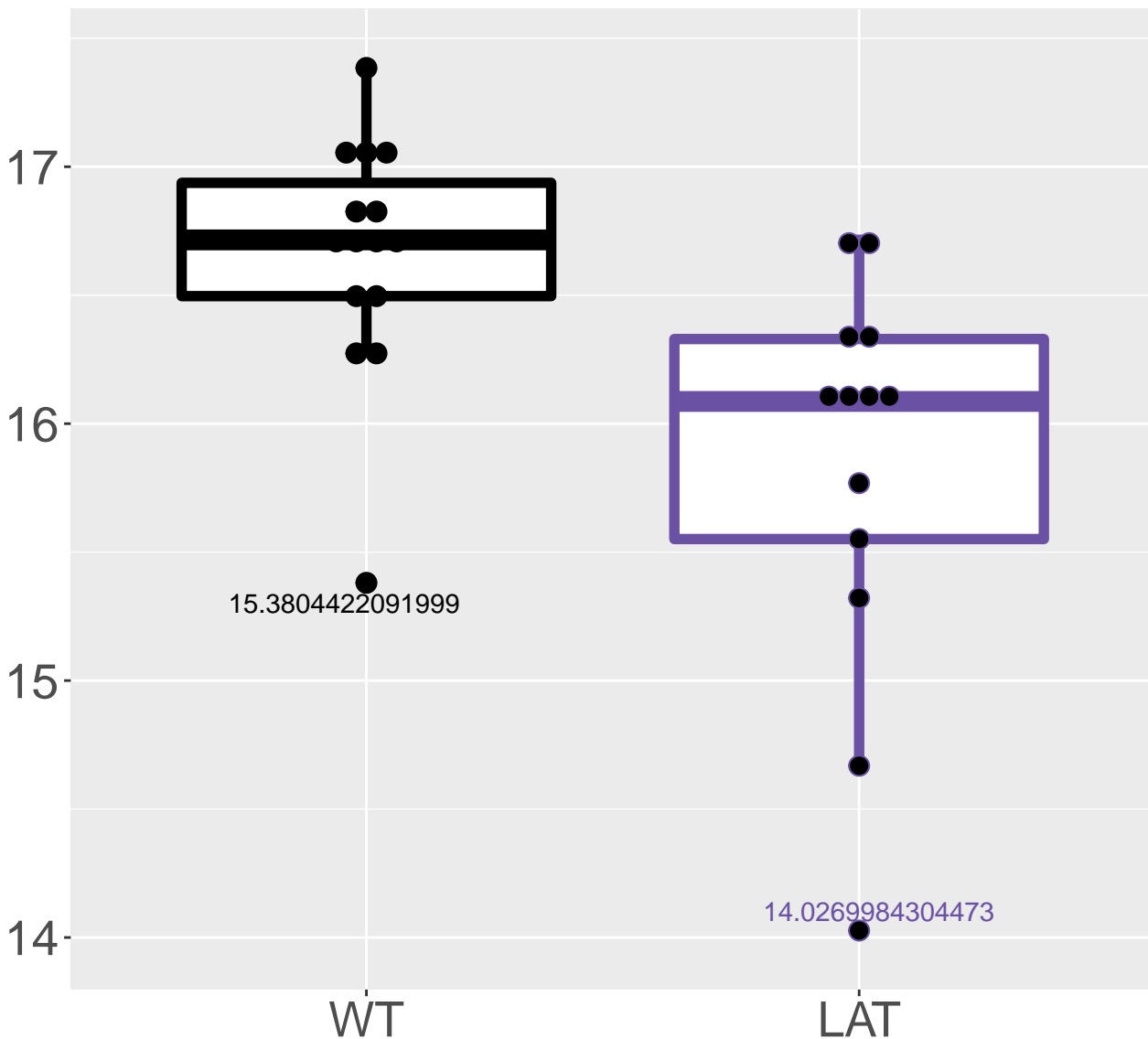
M438.2182T203.08
FDR = 0.01, FC = -2



Uridine Diphosphate Galactose;UDP Galactose; FDR = 0.01, FC = 1.8

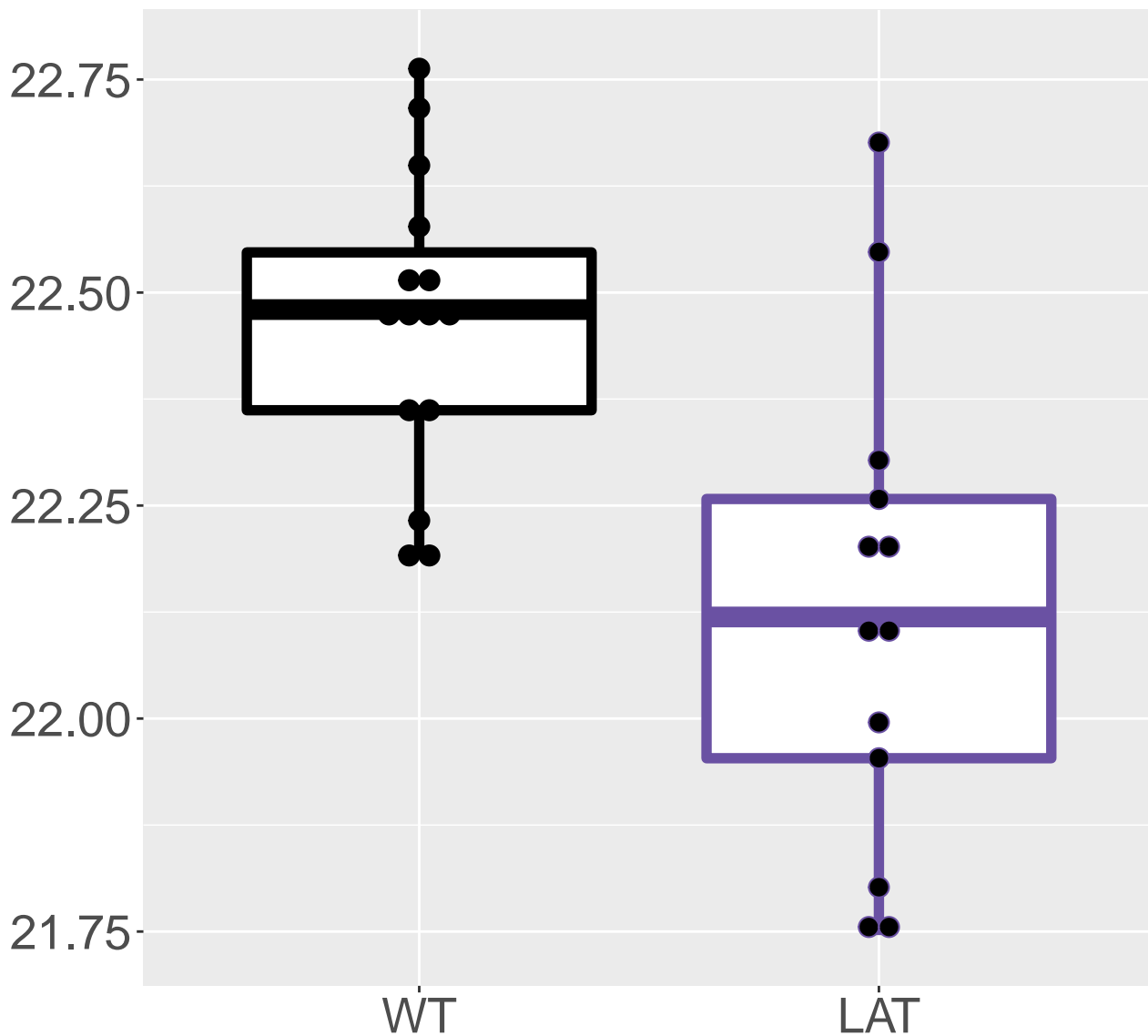


M171.0083T393.82
FDR = 0.01, FC = -0.83

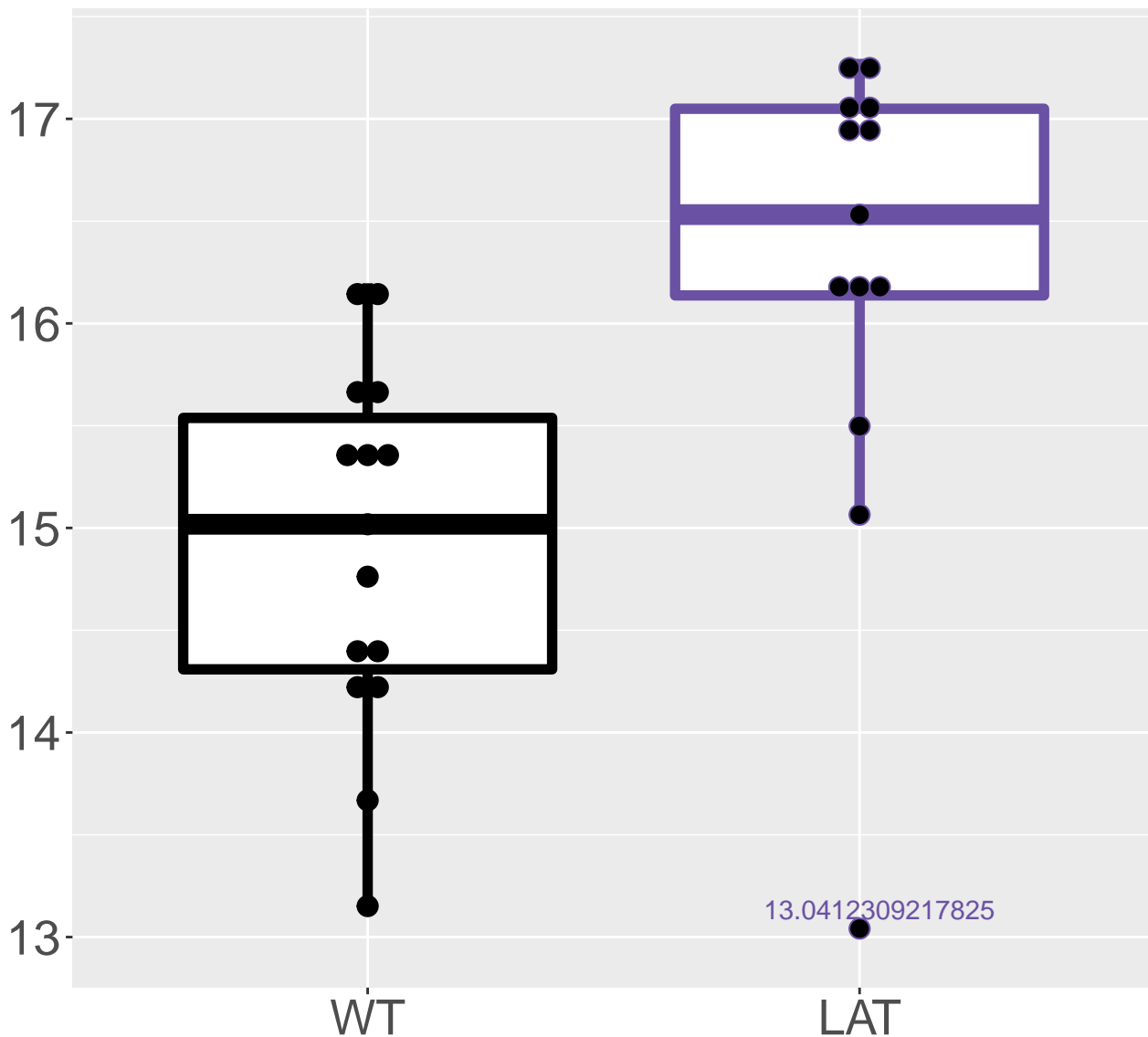


M638.1808T600.65

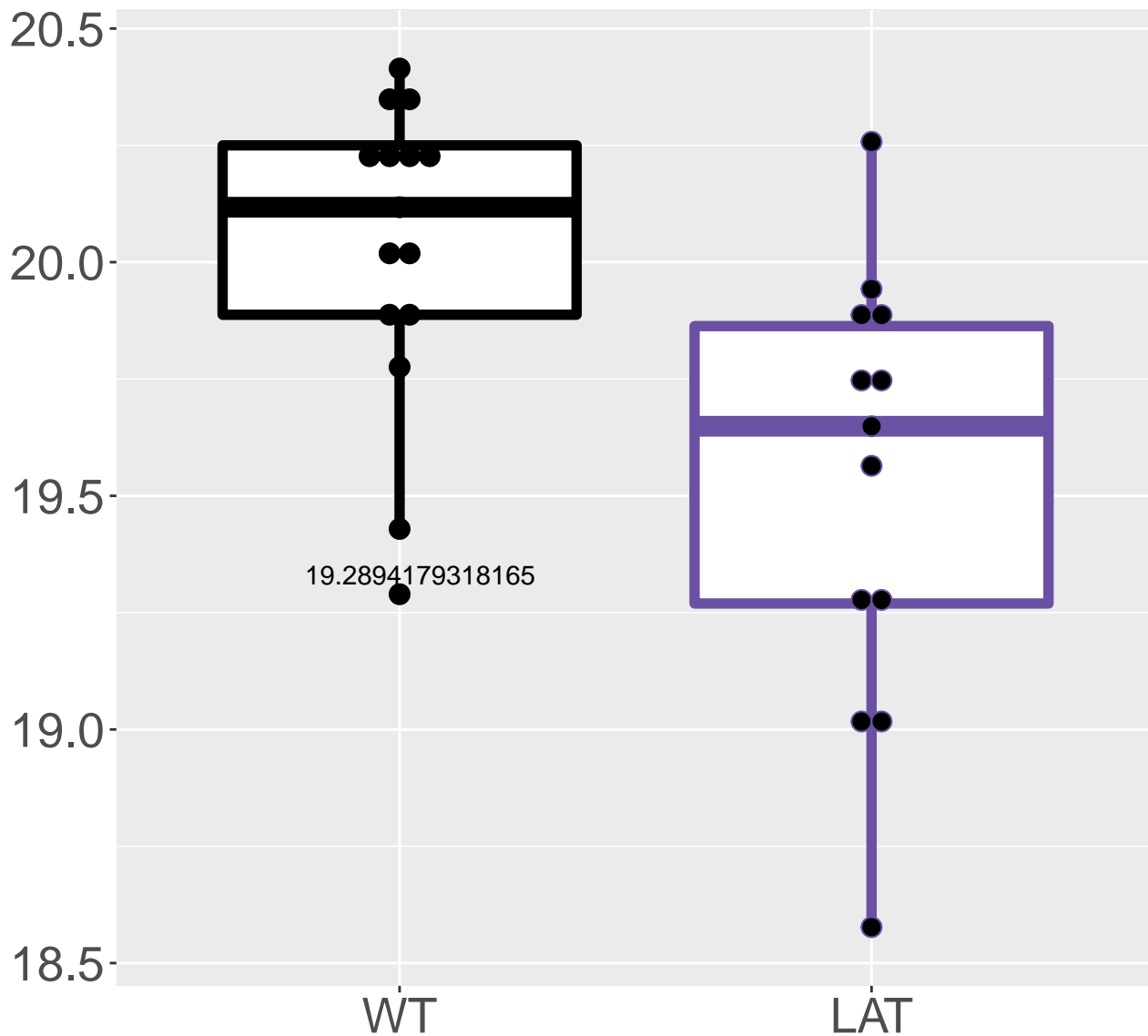
FDR = 0.01, FC = -0.34



M966.2048T597.57
FDR = 0.011, FC = 1.3

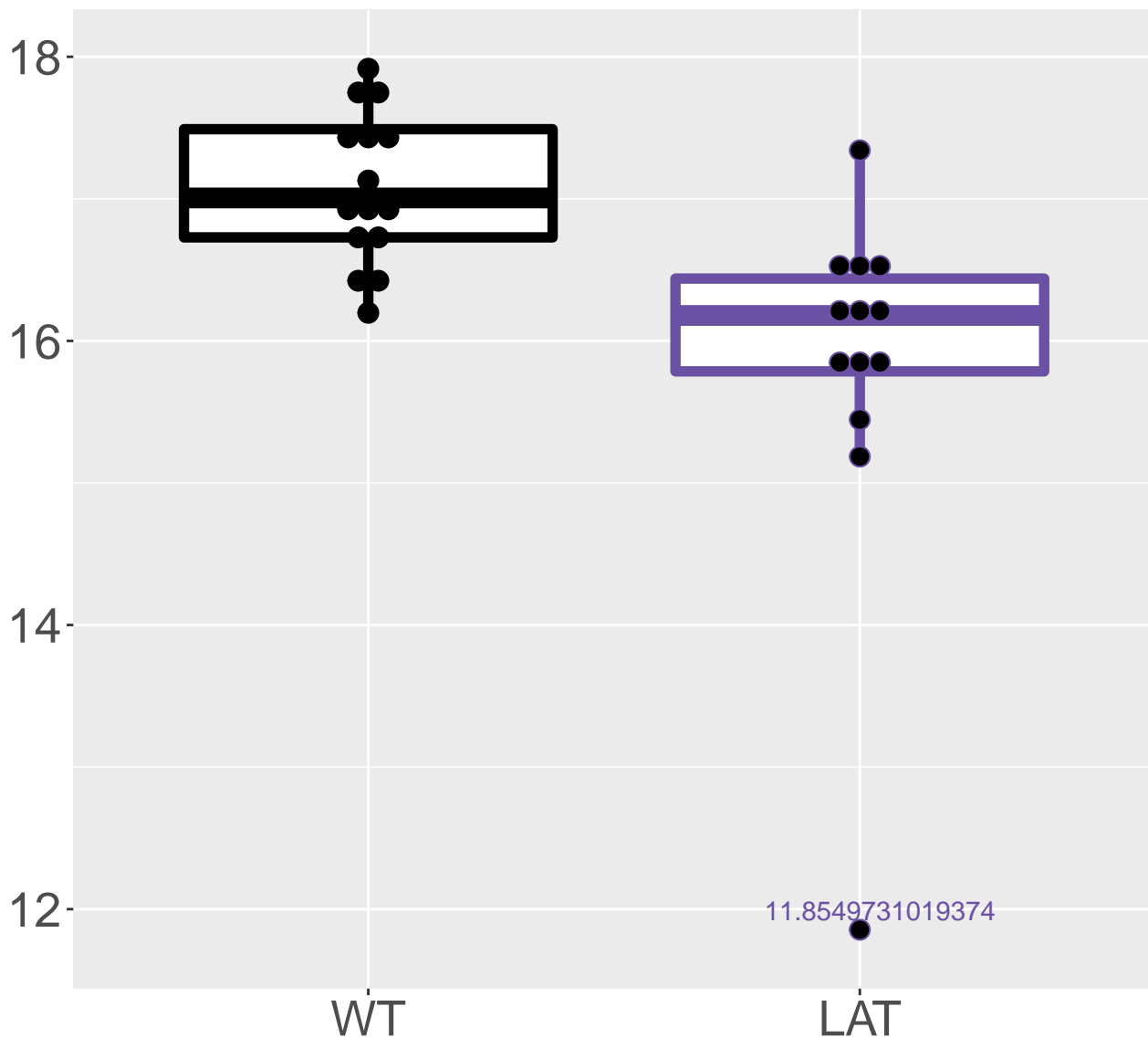


M293.1437T259.53
FDR = 0.011, FC = -0.5



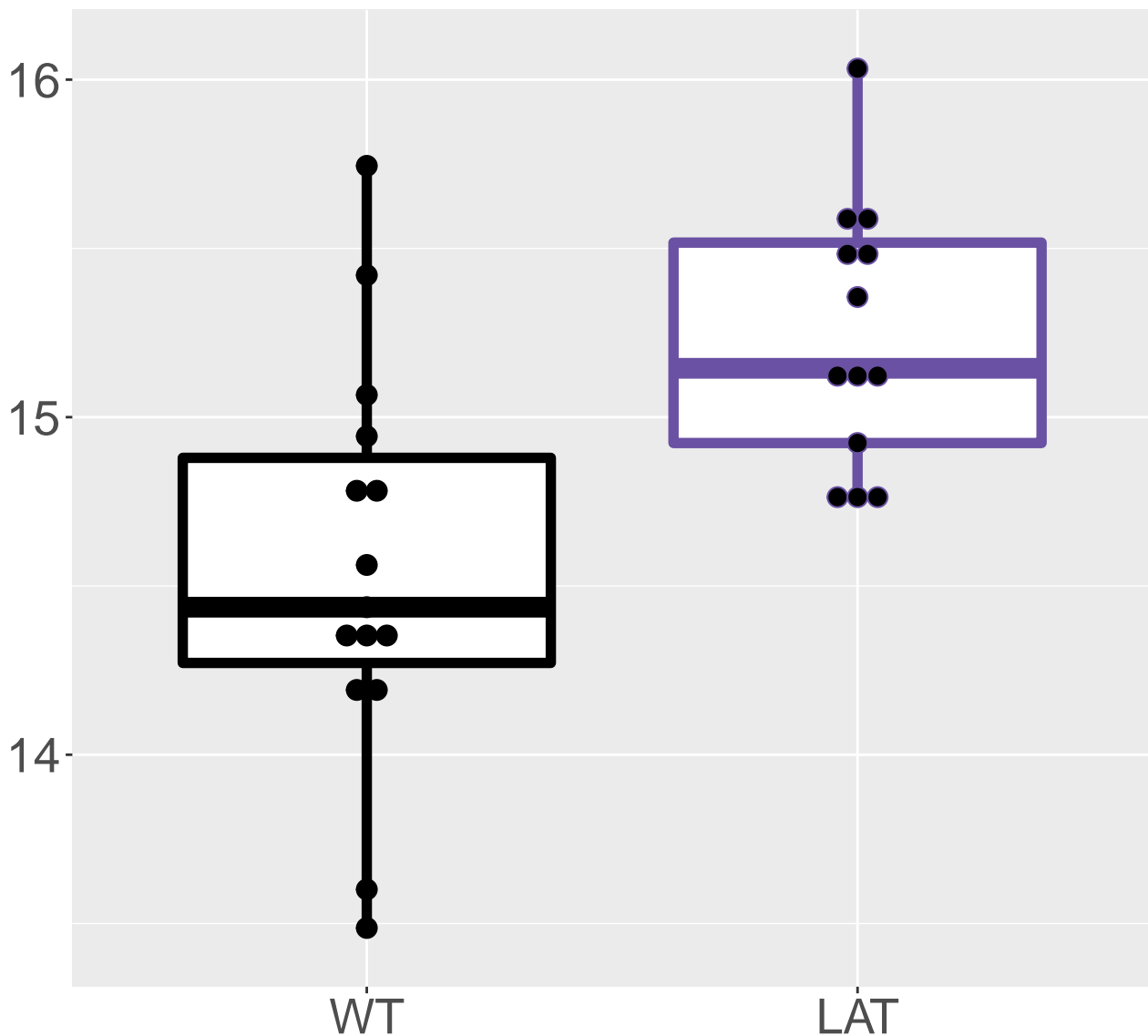
M296.1144T155.38

FDR = 0.011, FC = -1.3



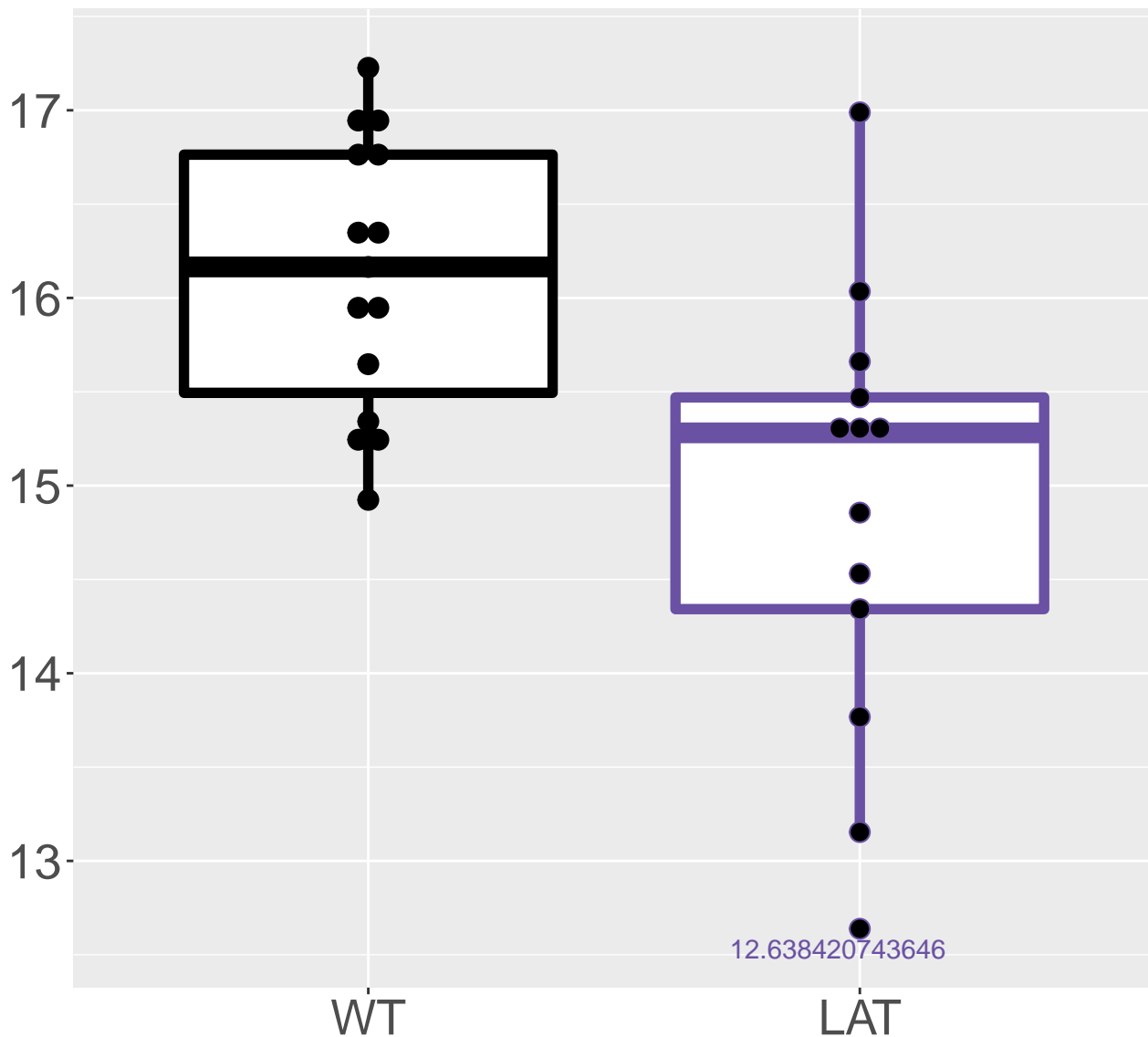
M215.9702T348.54

FDR = 0.011, FC = 0.69



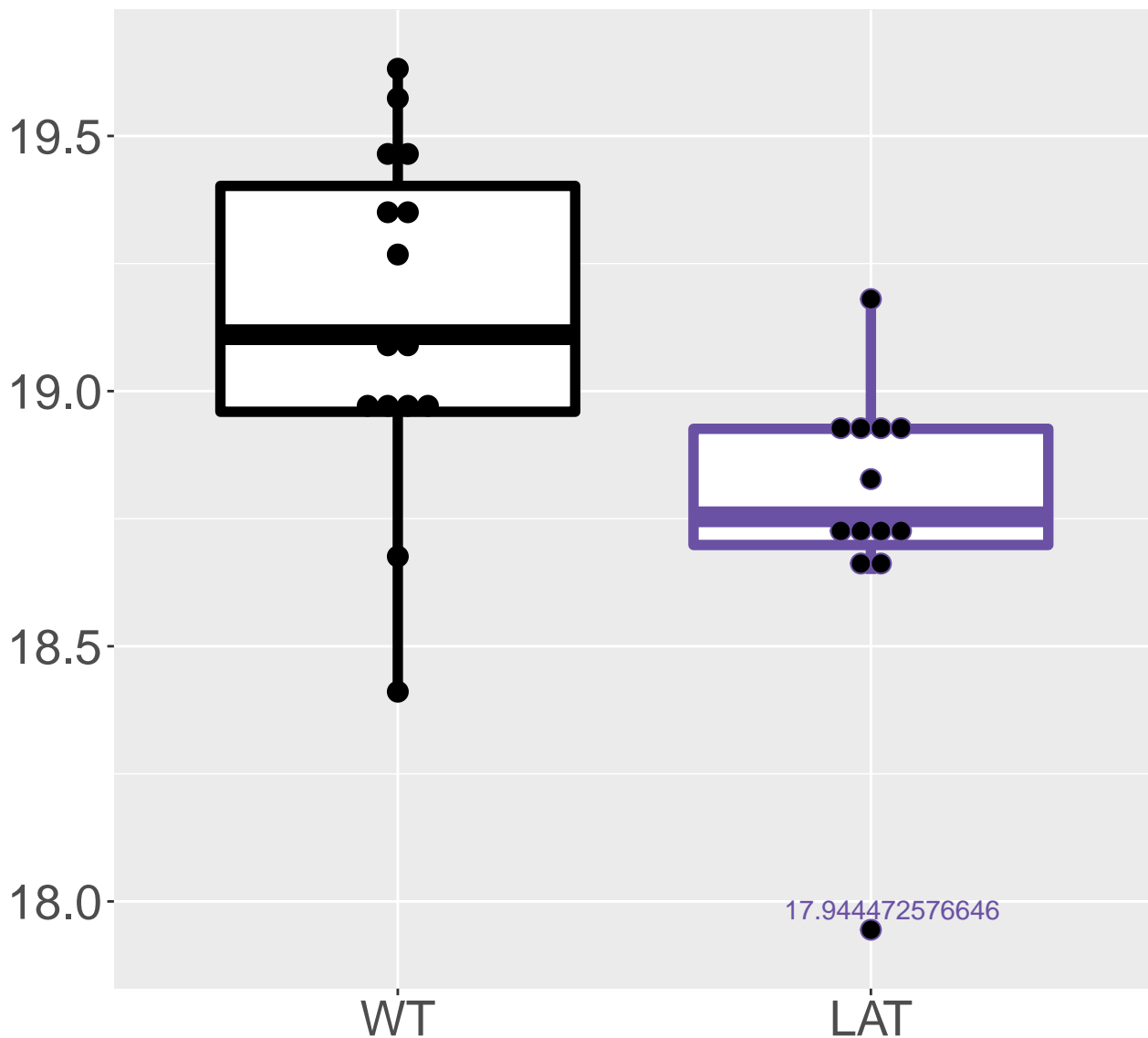
M234.1545T297.09

FDR = 0.011, FC = -1.2

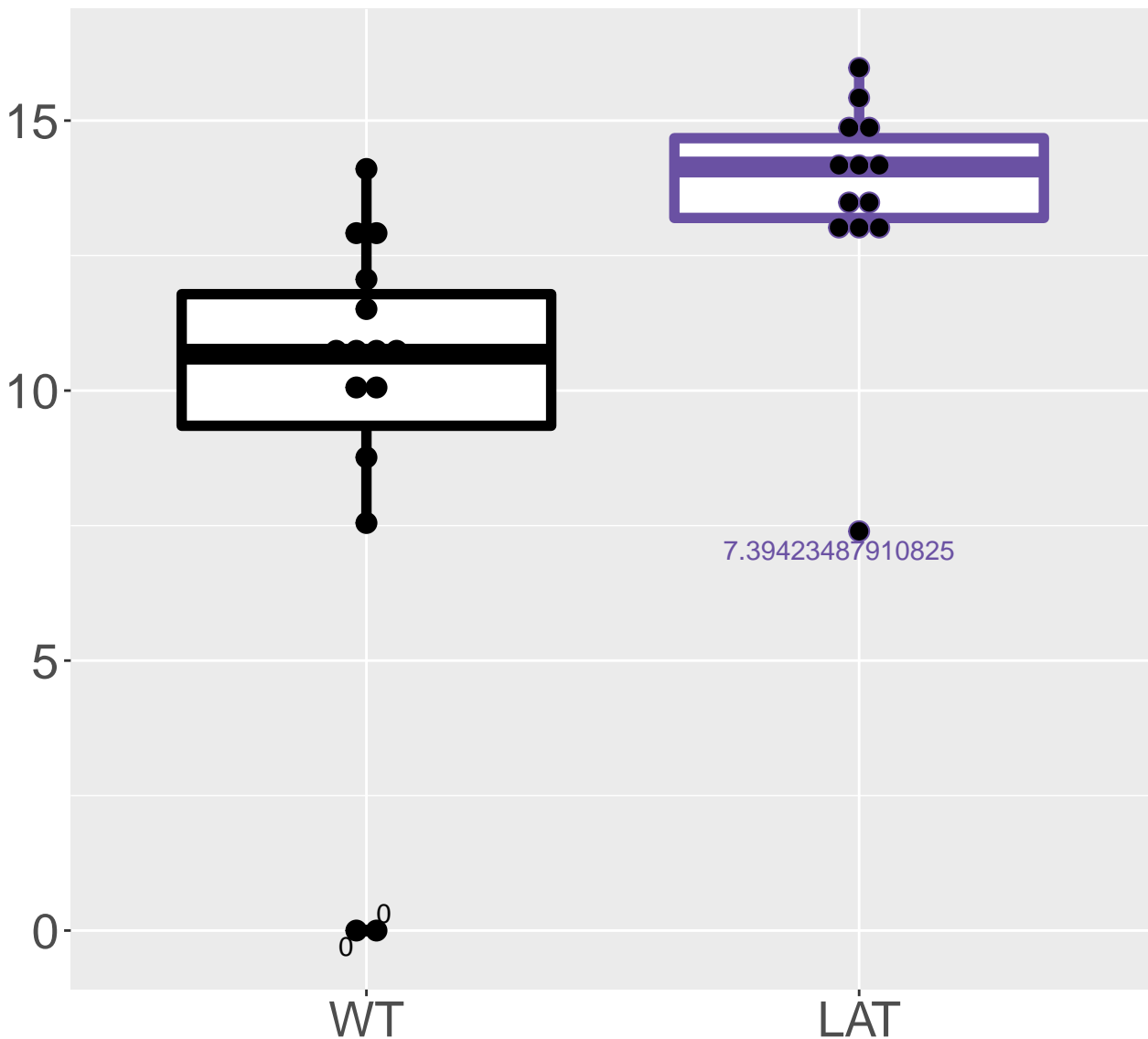


M251.2017T79.04

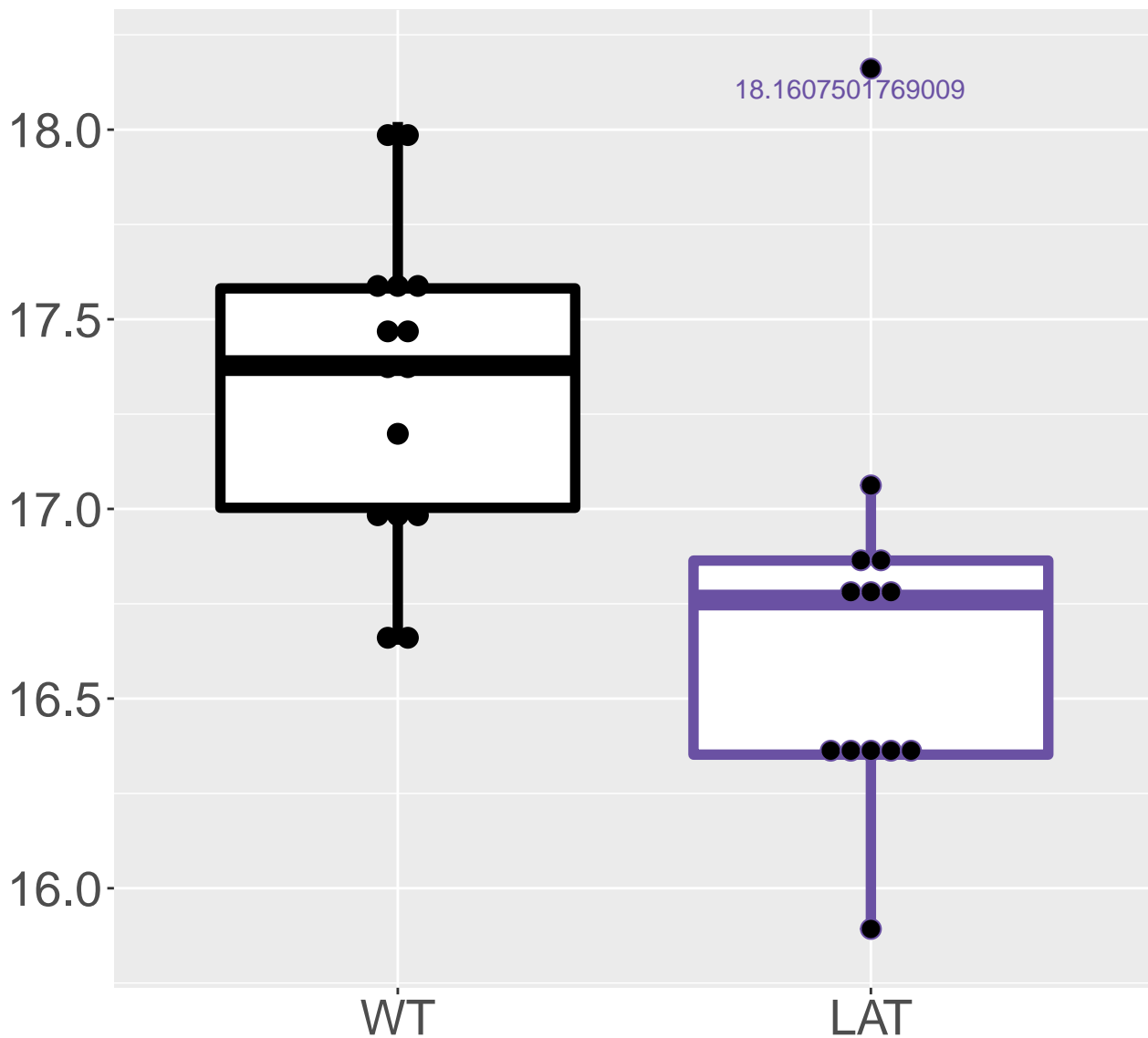
FDR = 0.011, FC = -0.38



M393.1539T142.47
FDR = 0.011, FC = 4.1

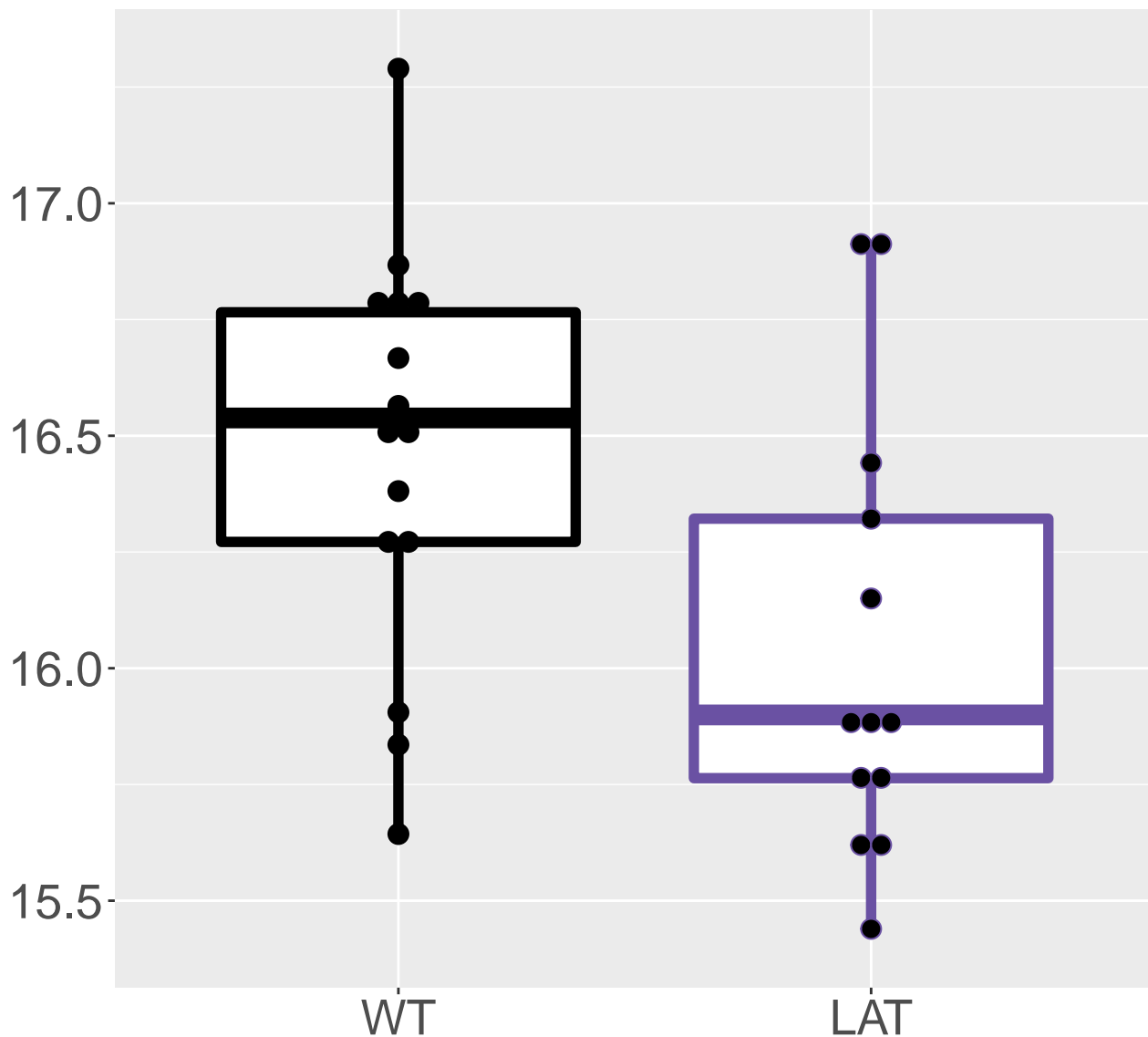


FDR = 0.011, FC = -0.64

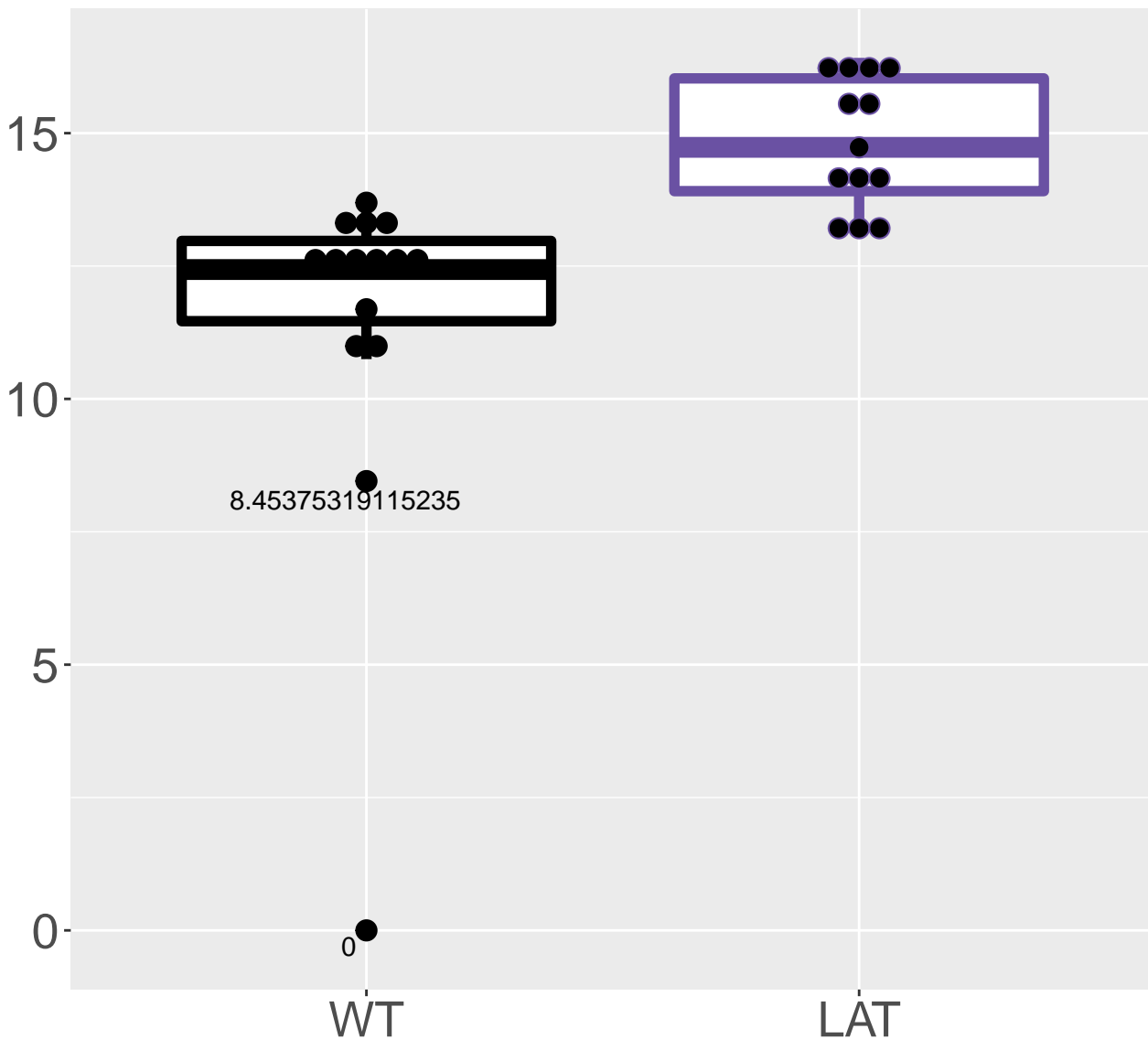


M225.0883T174.6

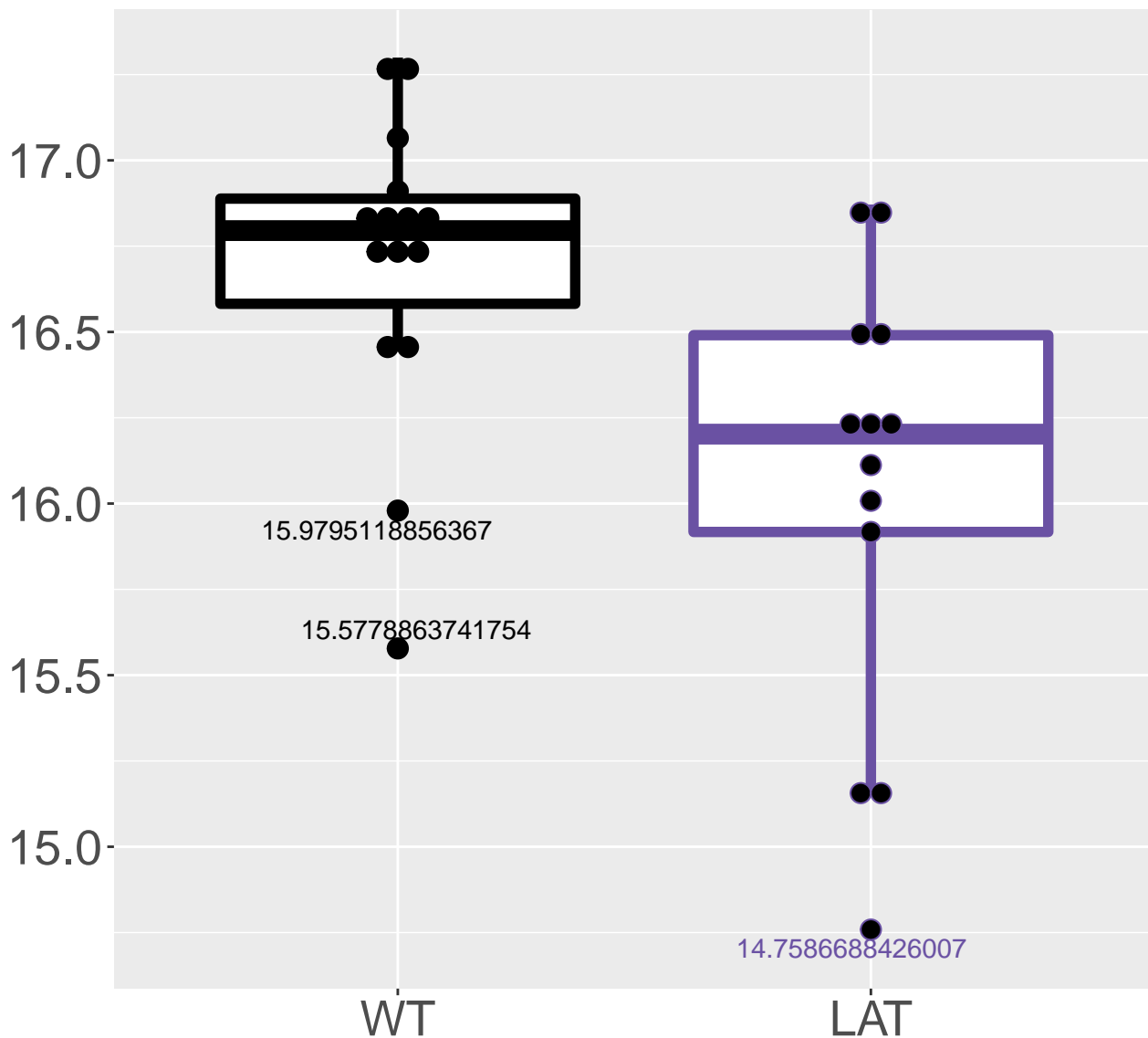
FDR = 0.011, FC = -0.42, sex**



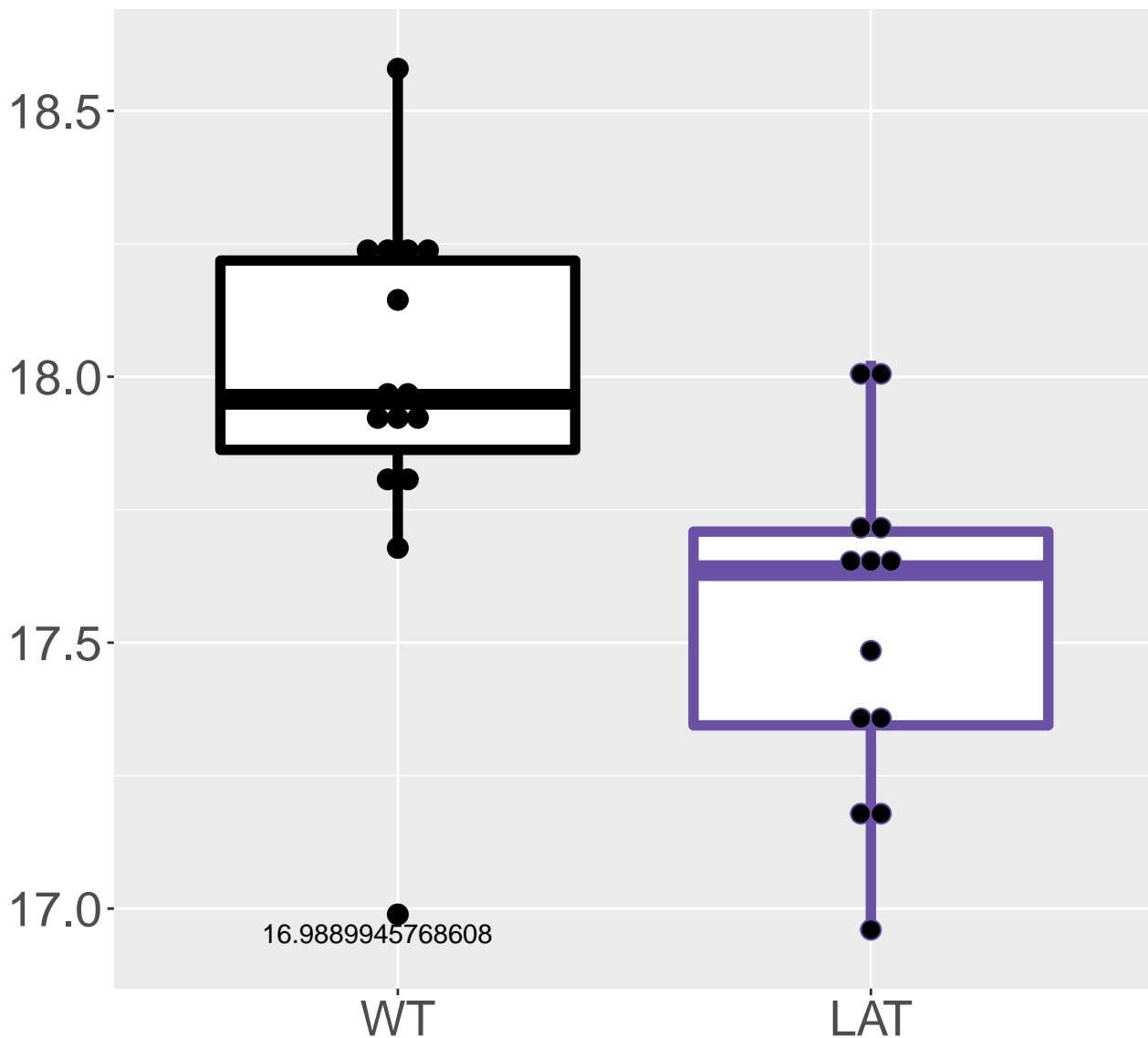
M224.8948T101.09
FDR = 0.011, FC = 3.4



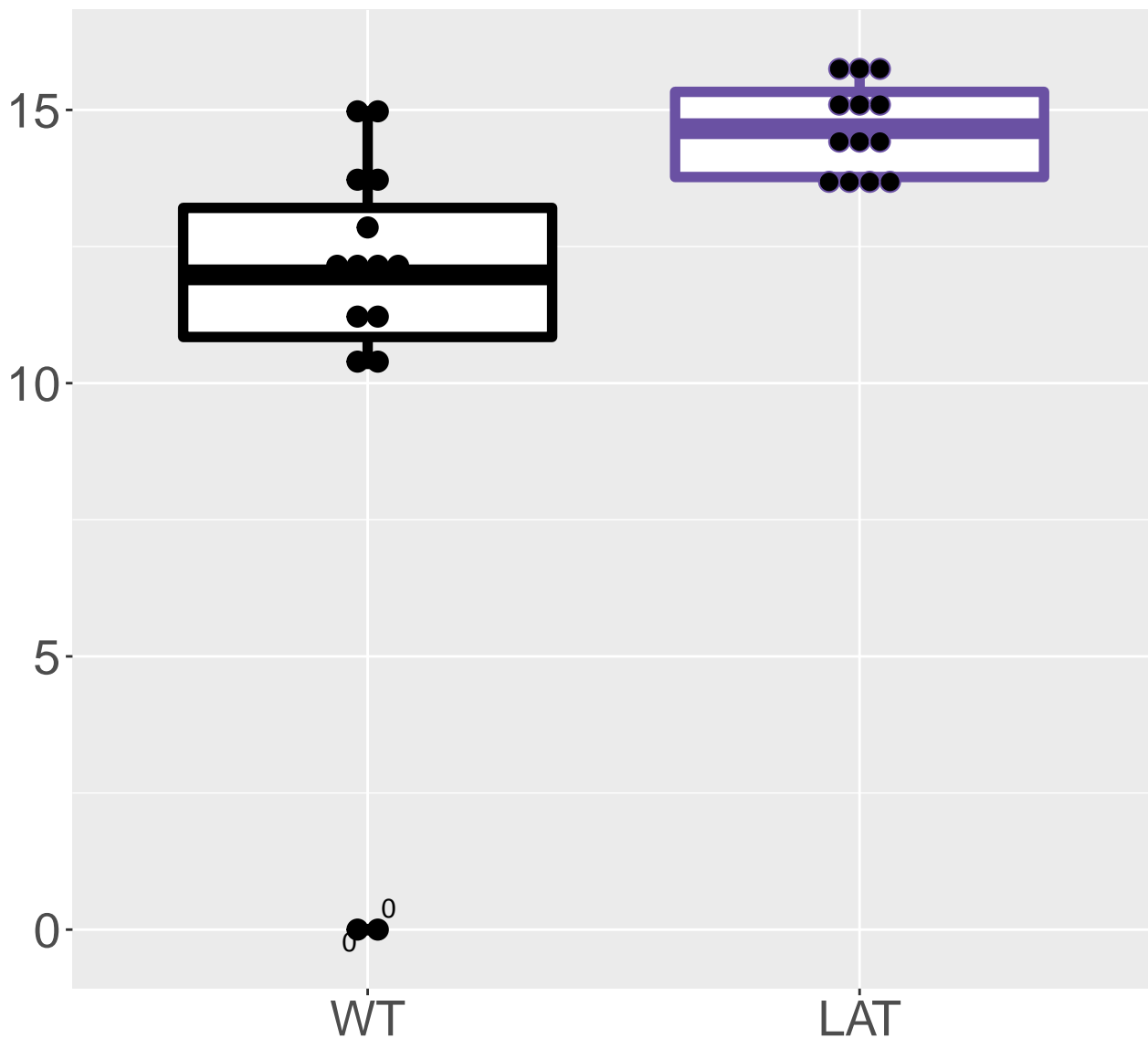
M351.1331T174.06
FDR = 0.011, FC = -0.66



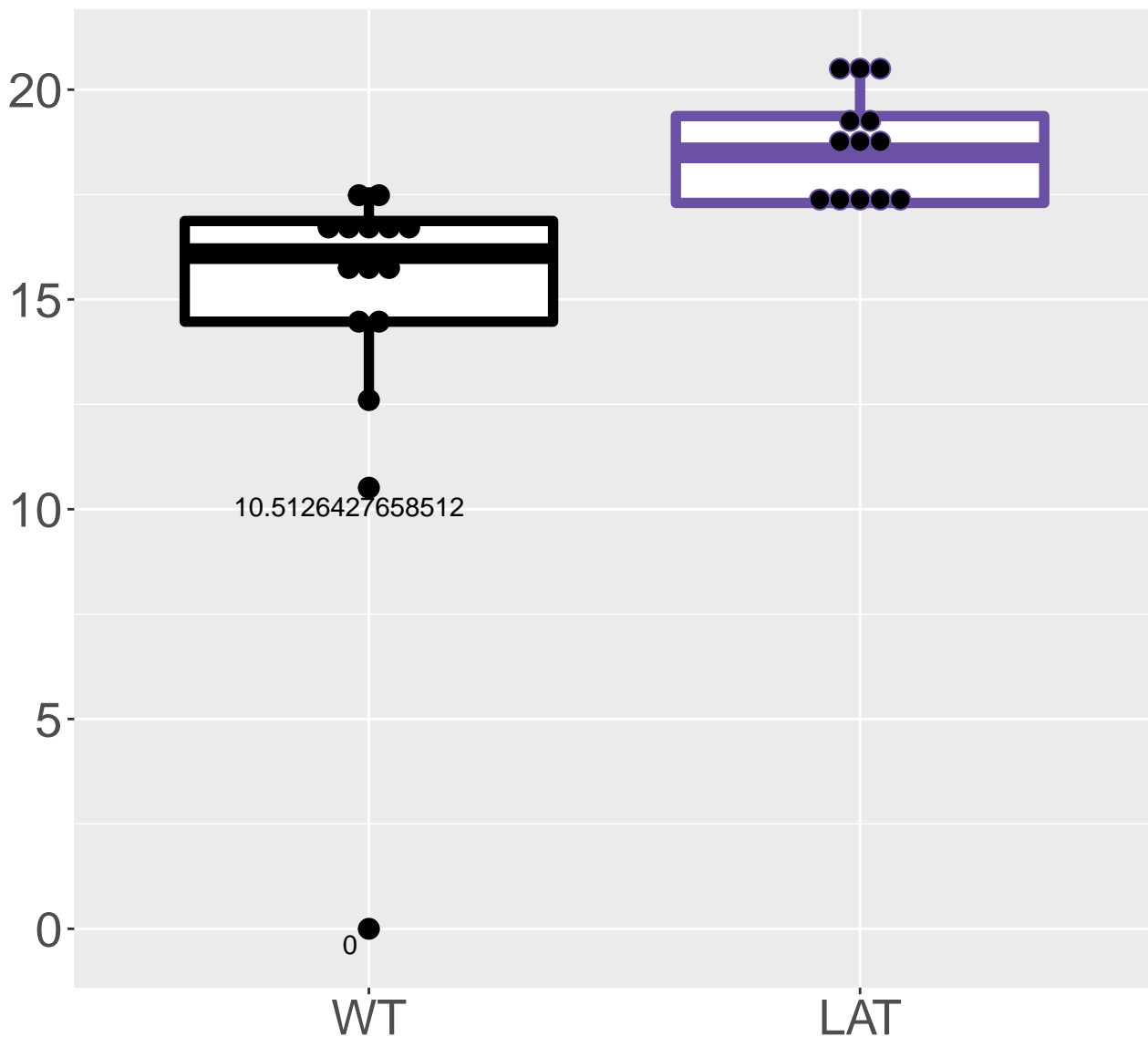
FDR = 0.011, FC = -0.45



M388.0141T562
FDR = 0.011, FC = 3.9

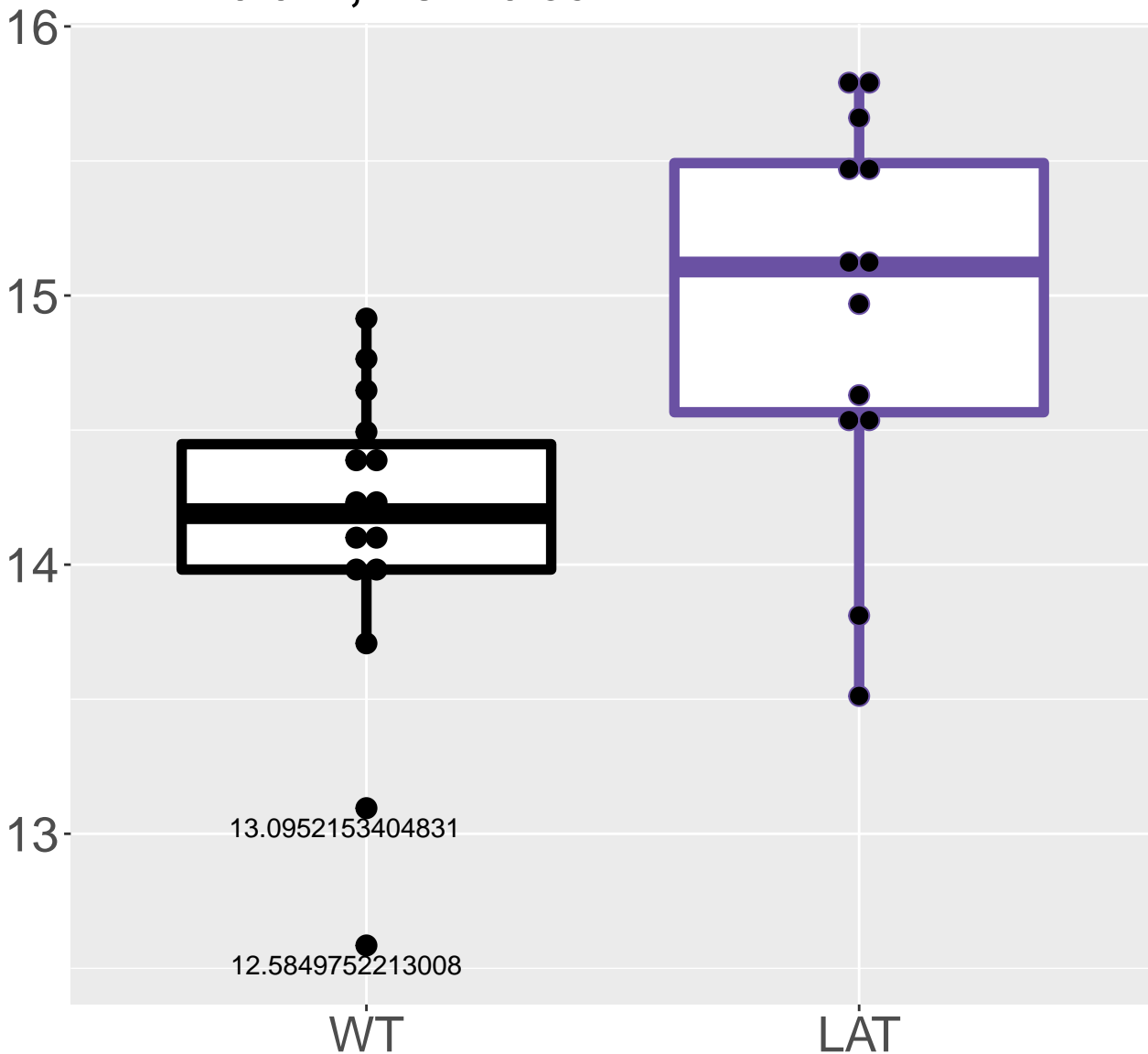


M260.0261T578.51
FDR = 0.012, FC = 4.1

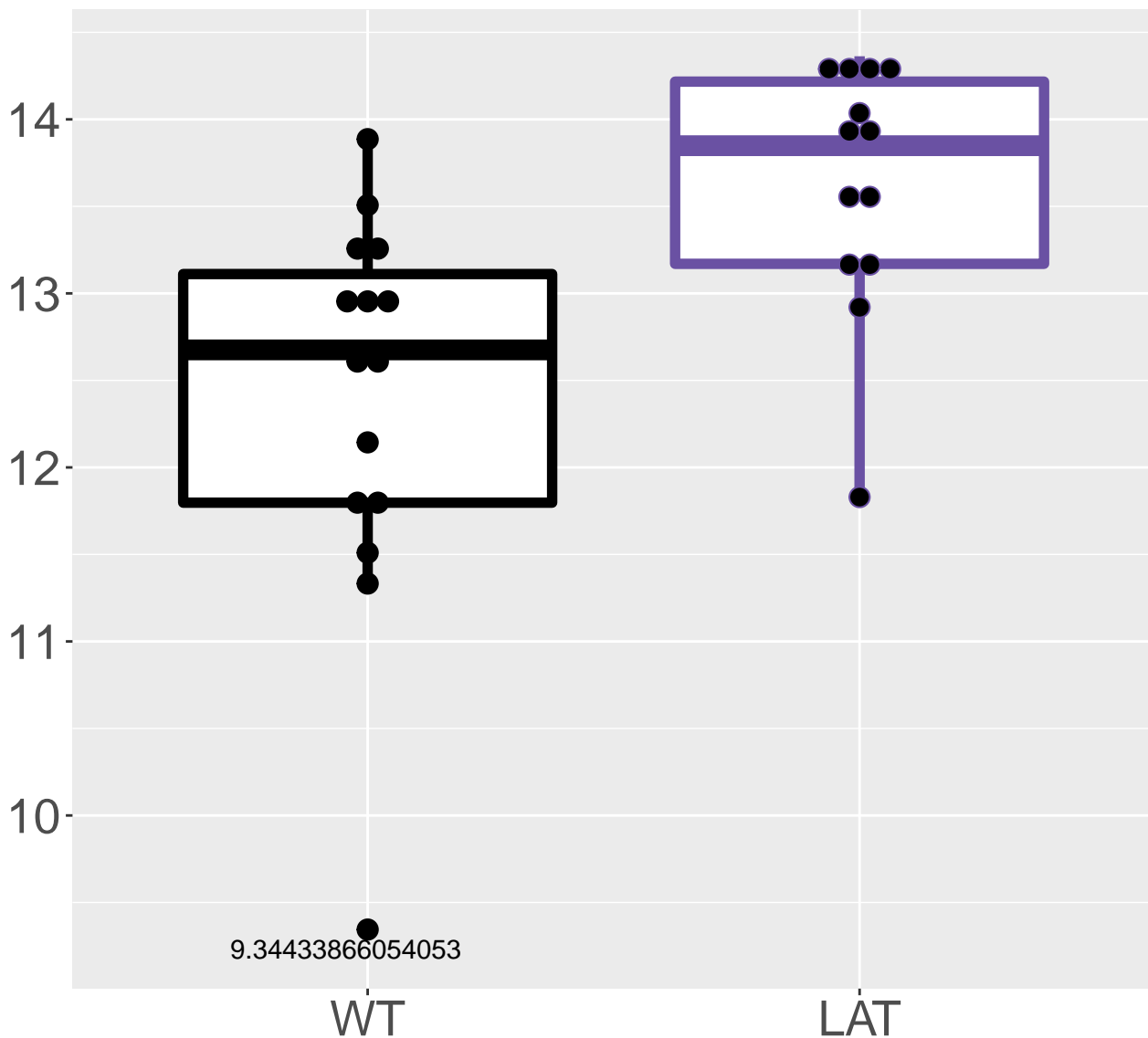


M683.1659T615.24

FDR = 0.012, FC = 0.85

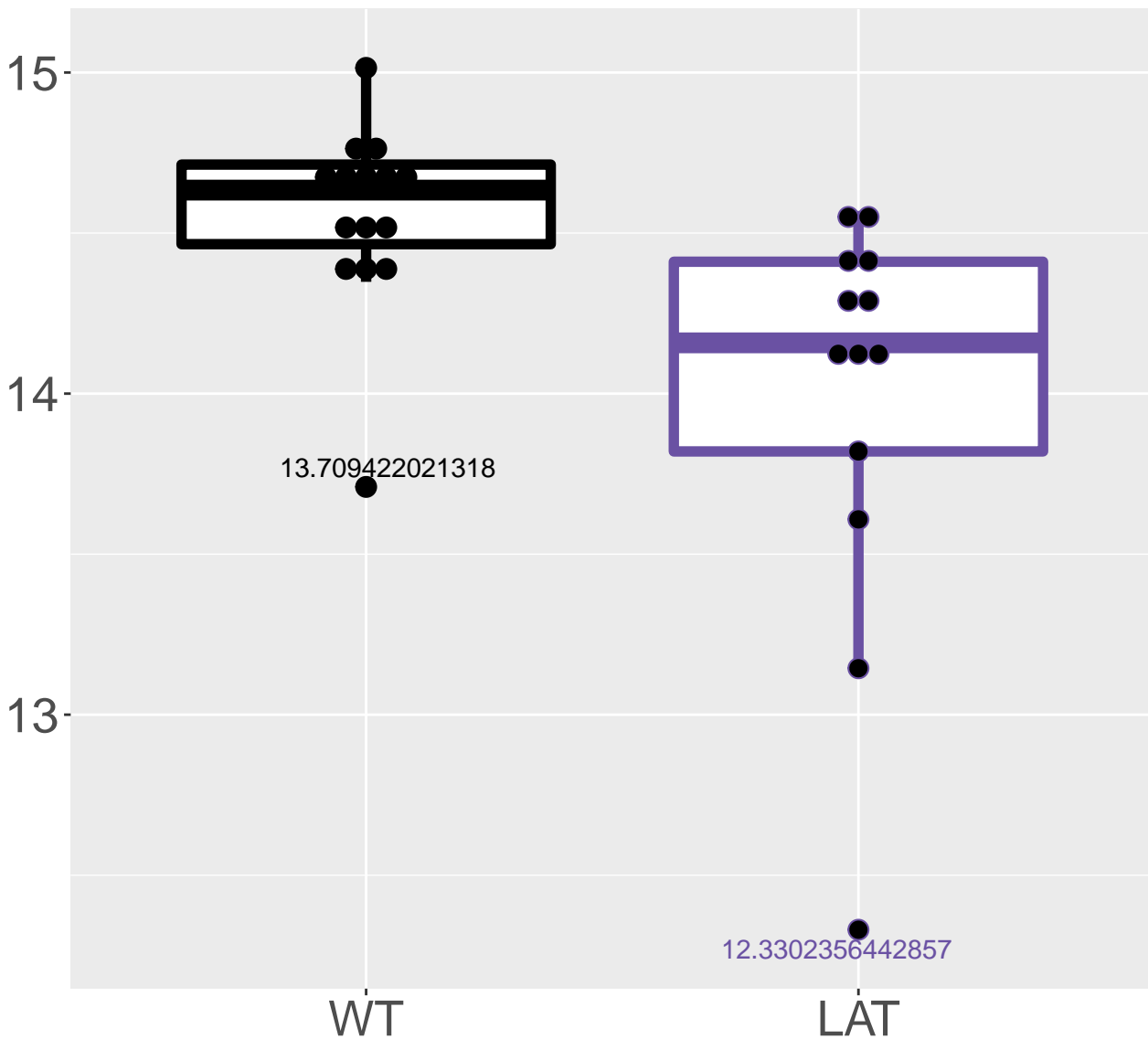


M242.8322T667.39
FDR = 0.012, FC = 1.2

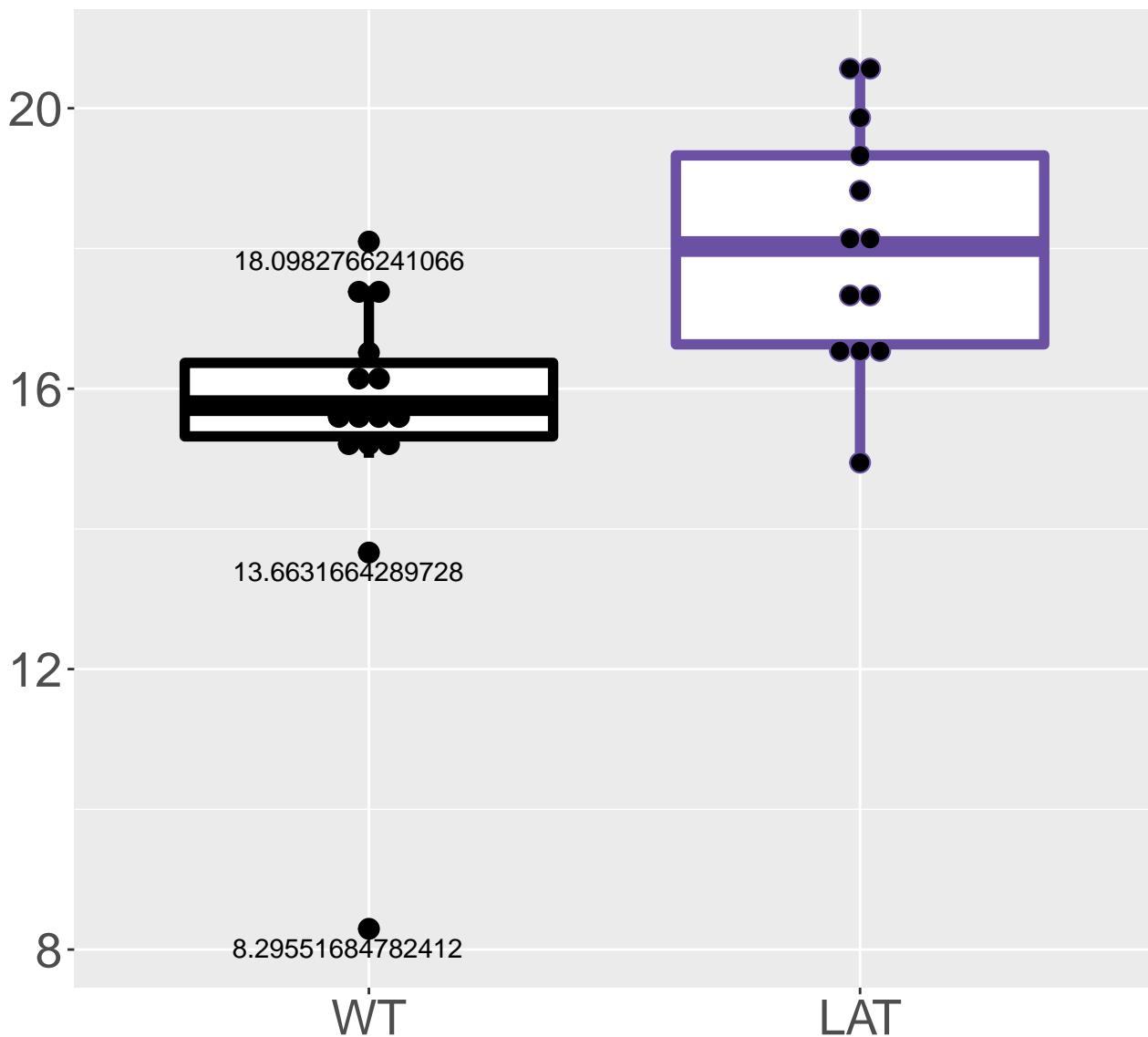


M864.7307T592.67

FDR = 0.012, FC = -0.58

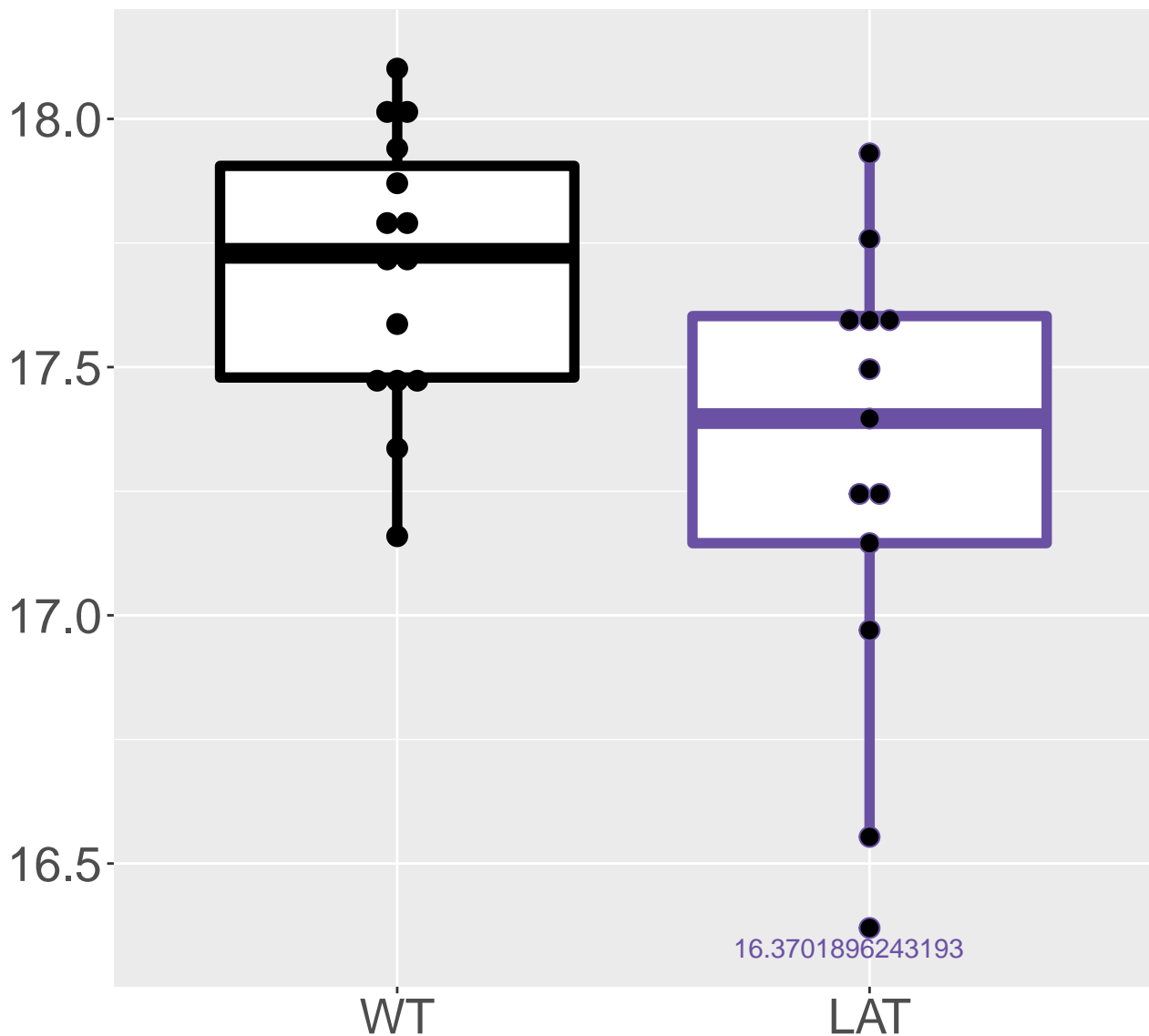


M144.0125T129.59
FDR = 0.012, FC = 2.6



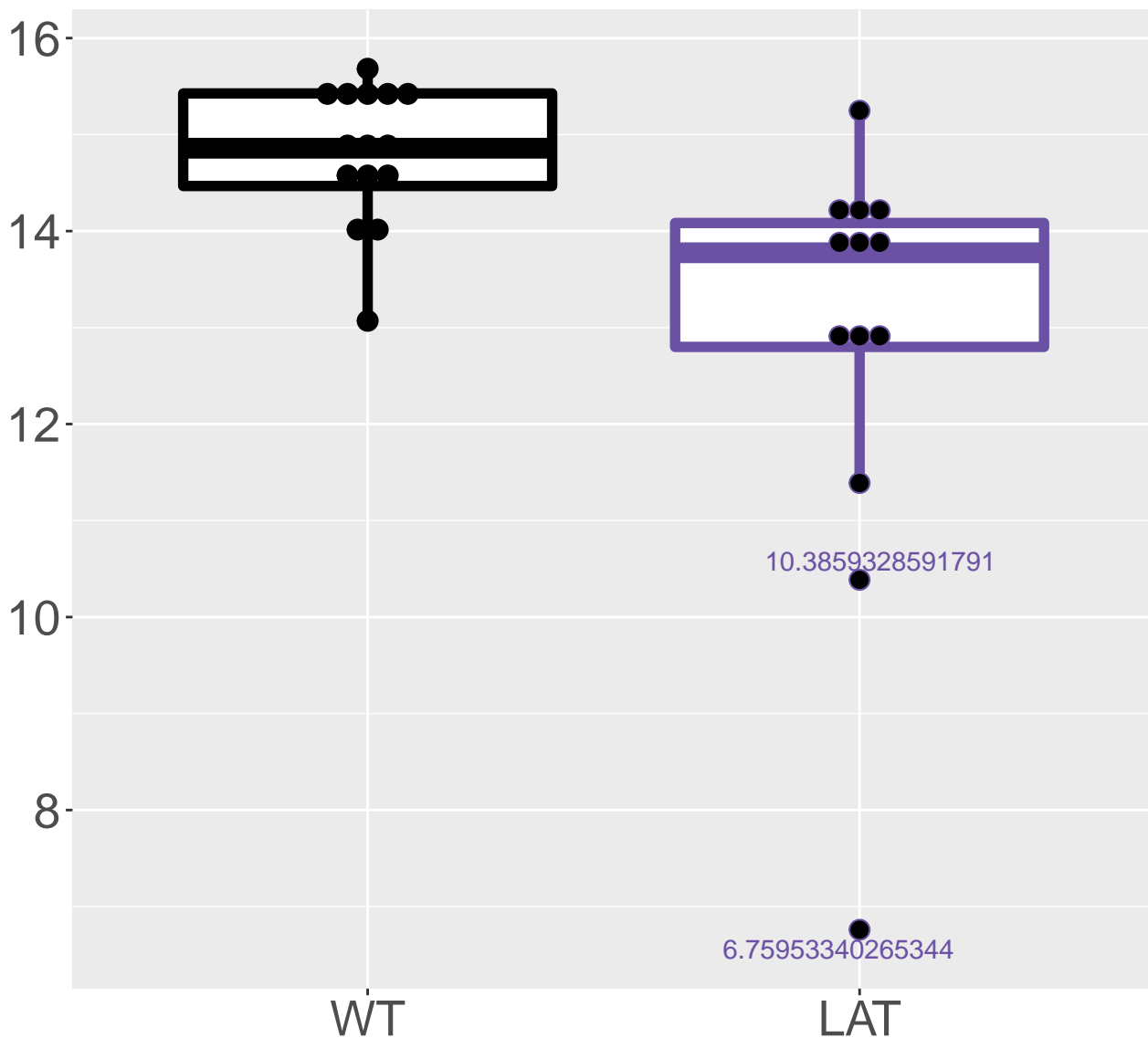
M224.0779T440.4

FDR = 0.012, FC = -0.4



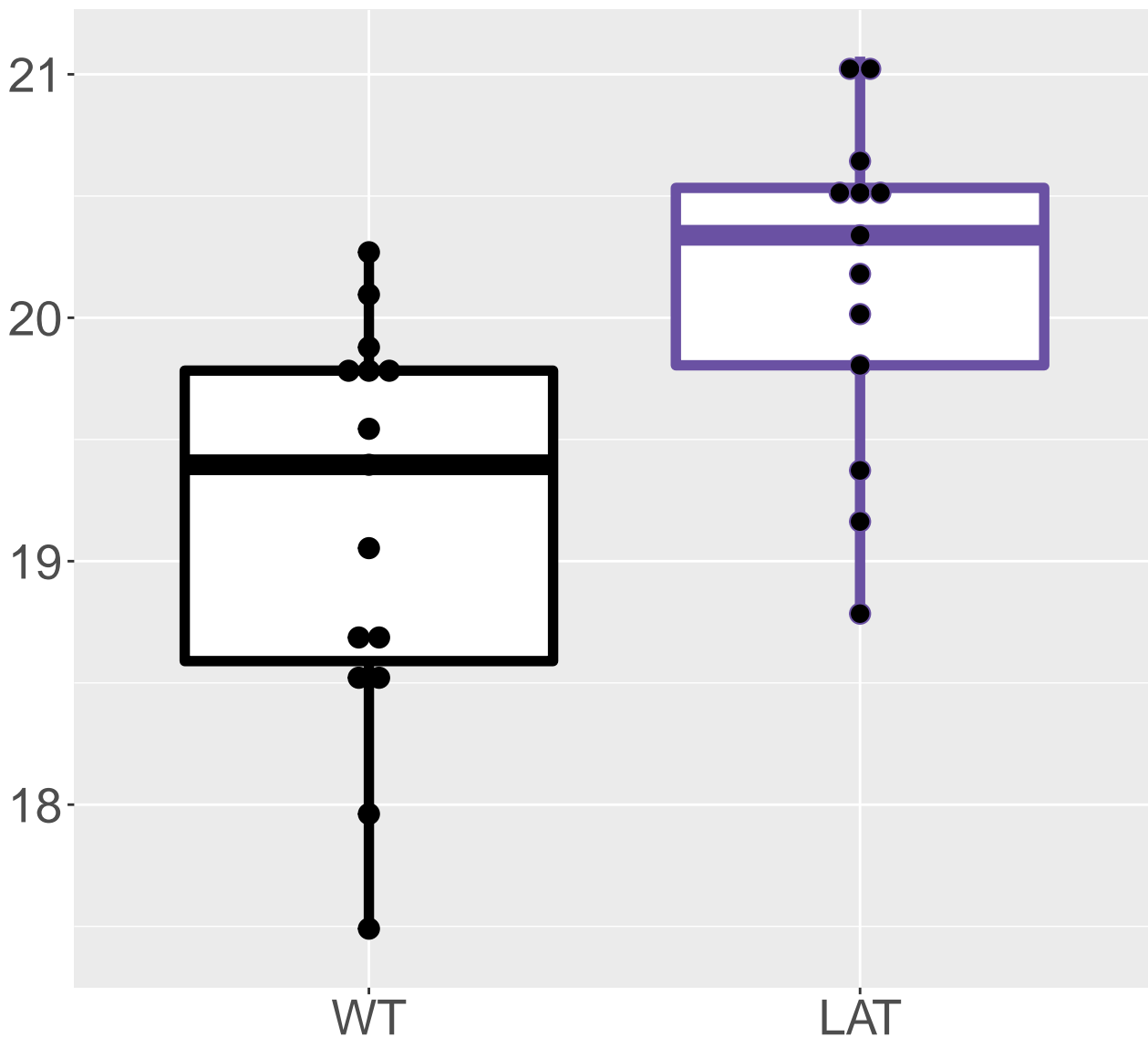
M359.1102T155.14

FDR = 0.012, FC = -2



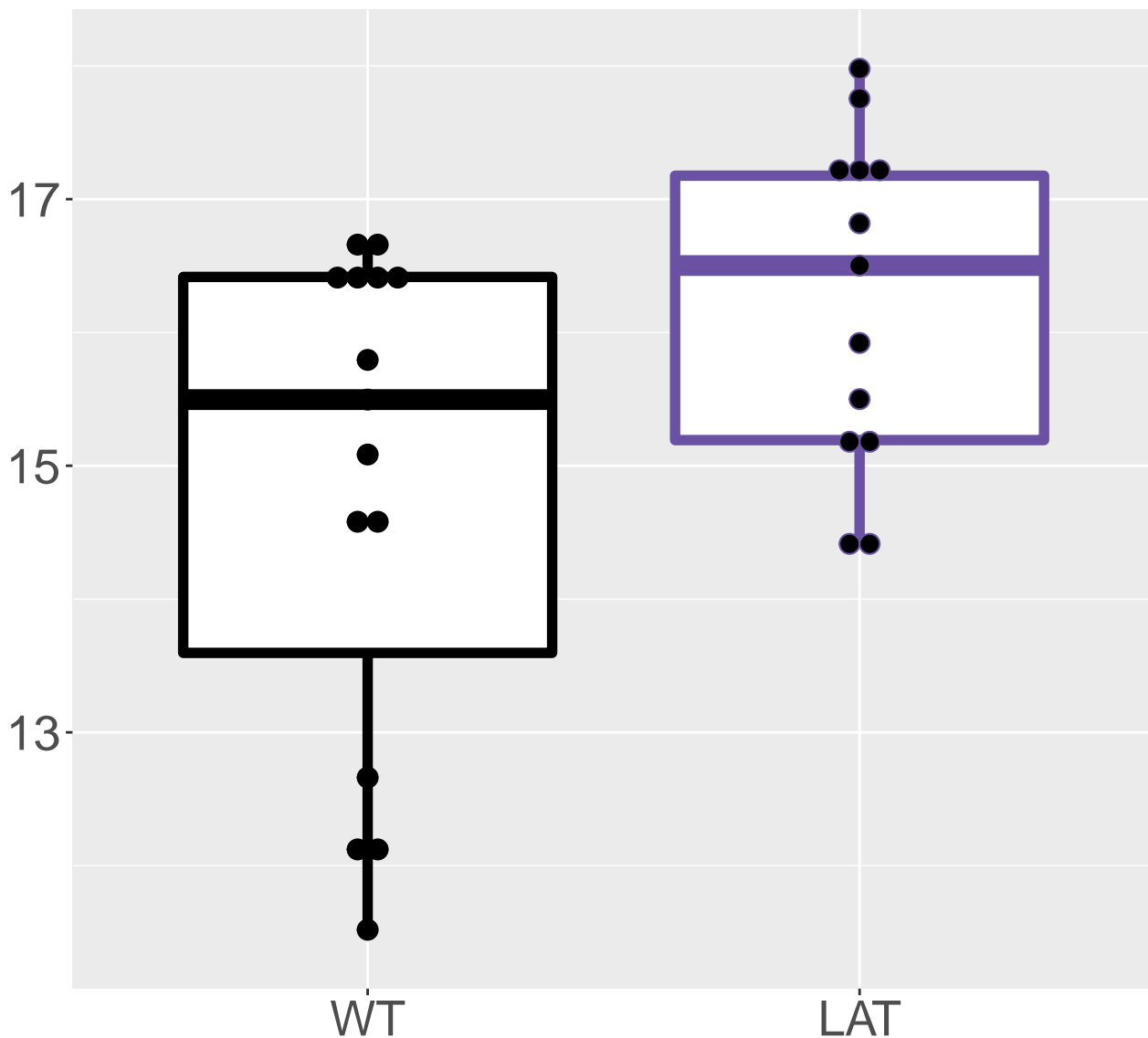
M267.039T589.65_2

FDR = 0.012, FC = 0.98

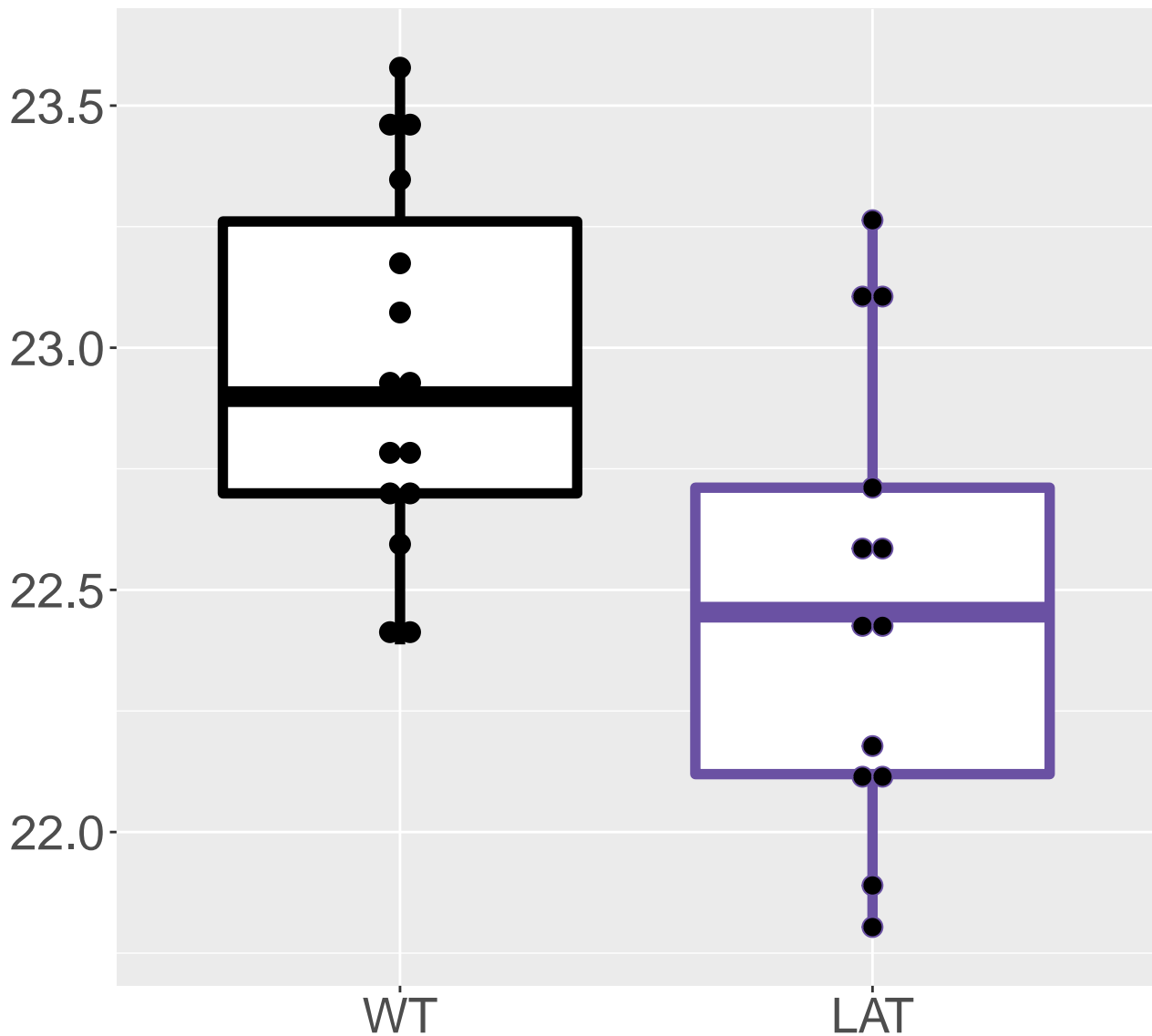


M423.1278T312.66

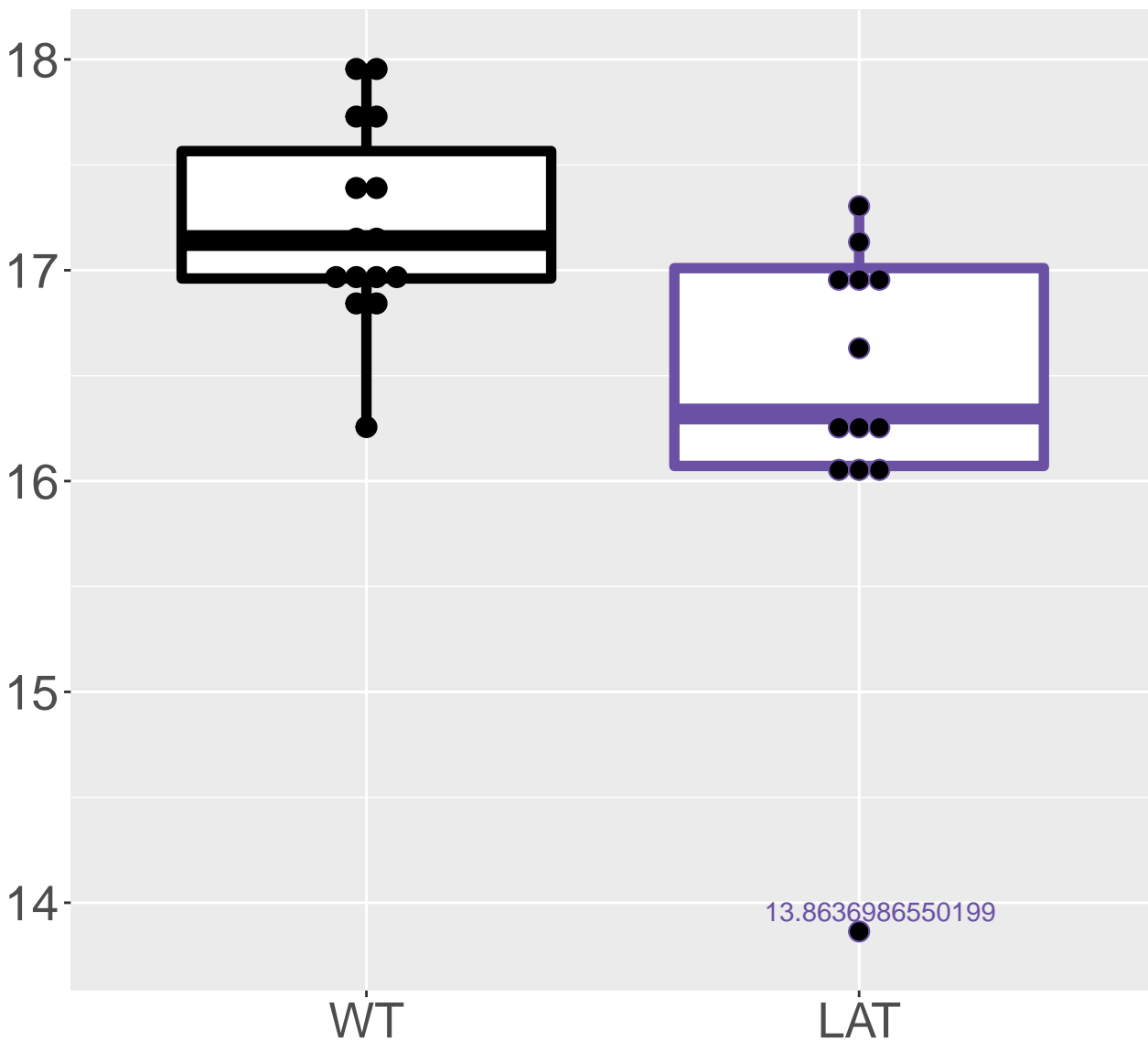
FDR = 0.012, FC = 1.4, sex***



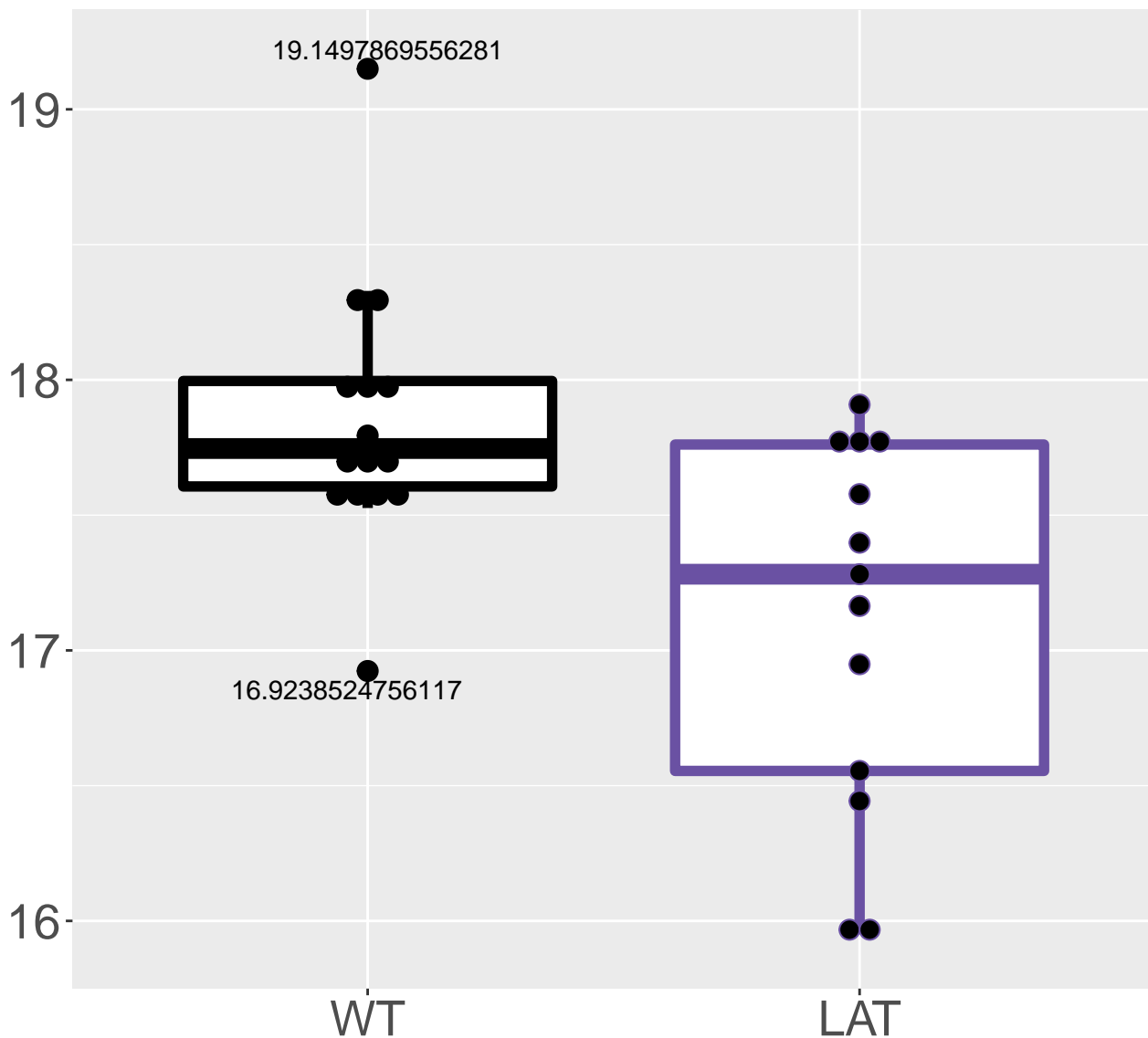
cis-5,8,11,14,17-Eicosapentaenoic acid;Eicos
FDR = 0.012, FC = -0.47



FDR = 0.012, FC = -0.85

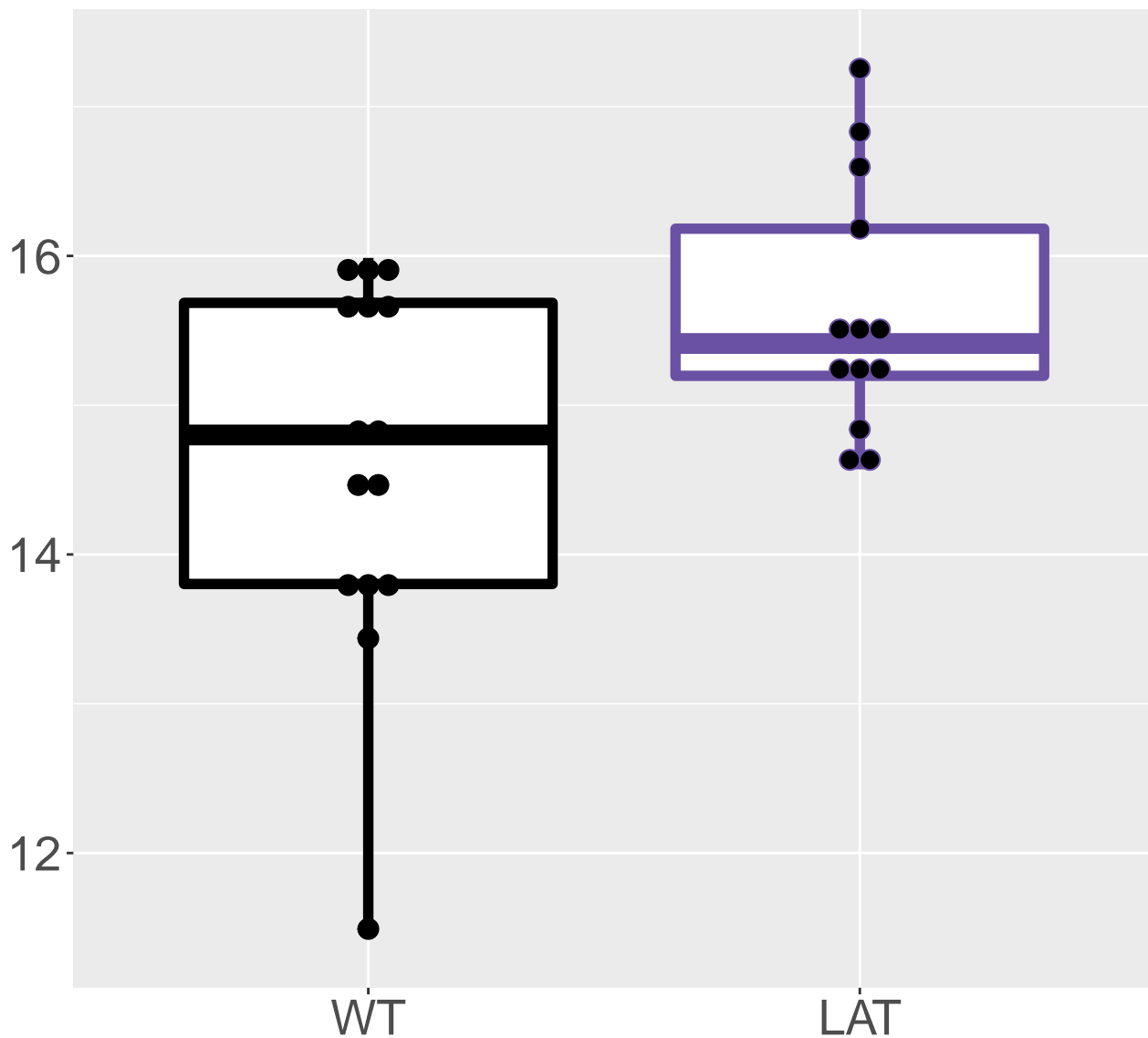


M610.4932T77.24
FDR = 0.012, FC = -0.73

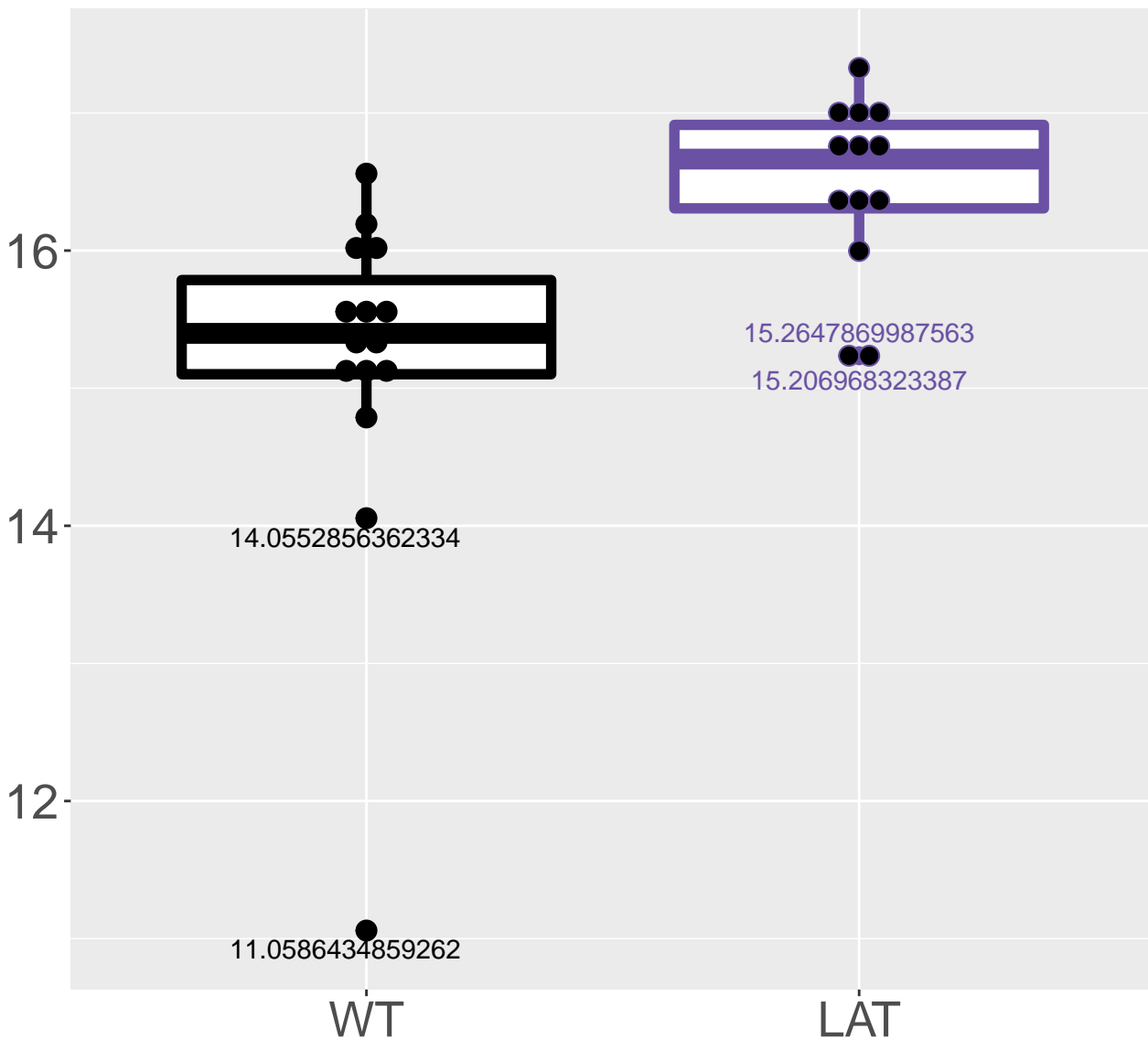


M211.0978T89.85

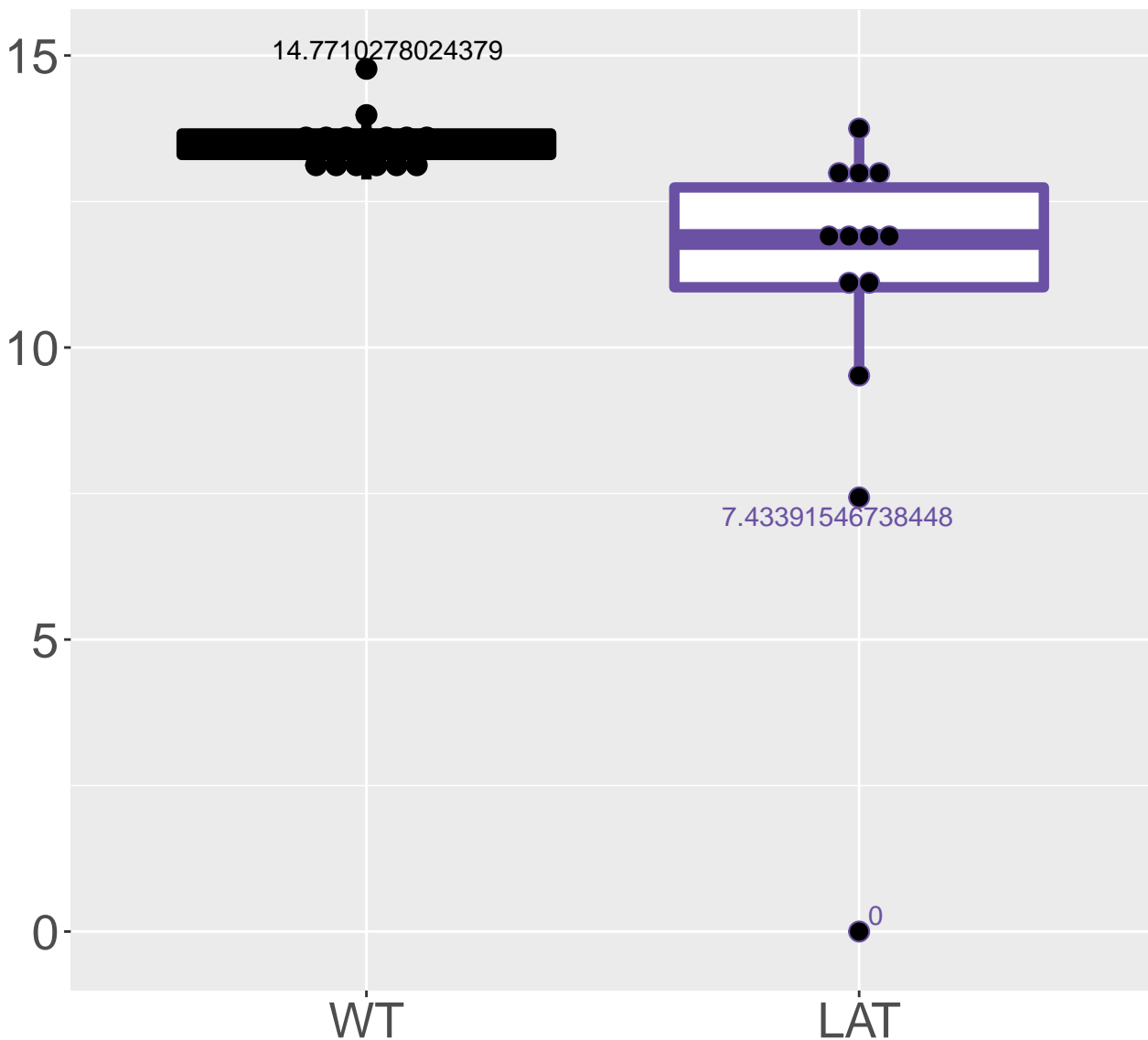
FDR = 0.012, FC = 1, sex***



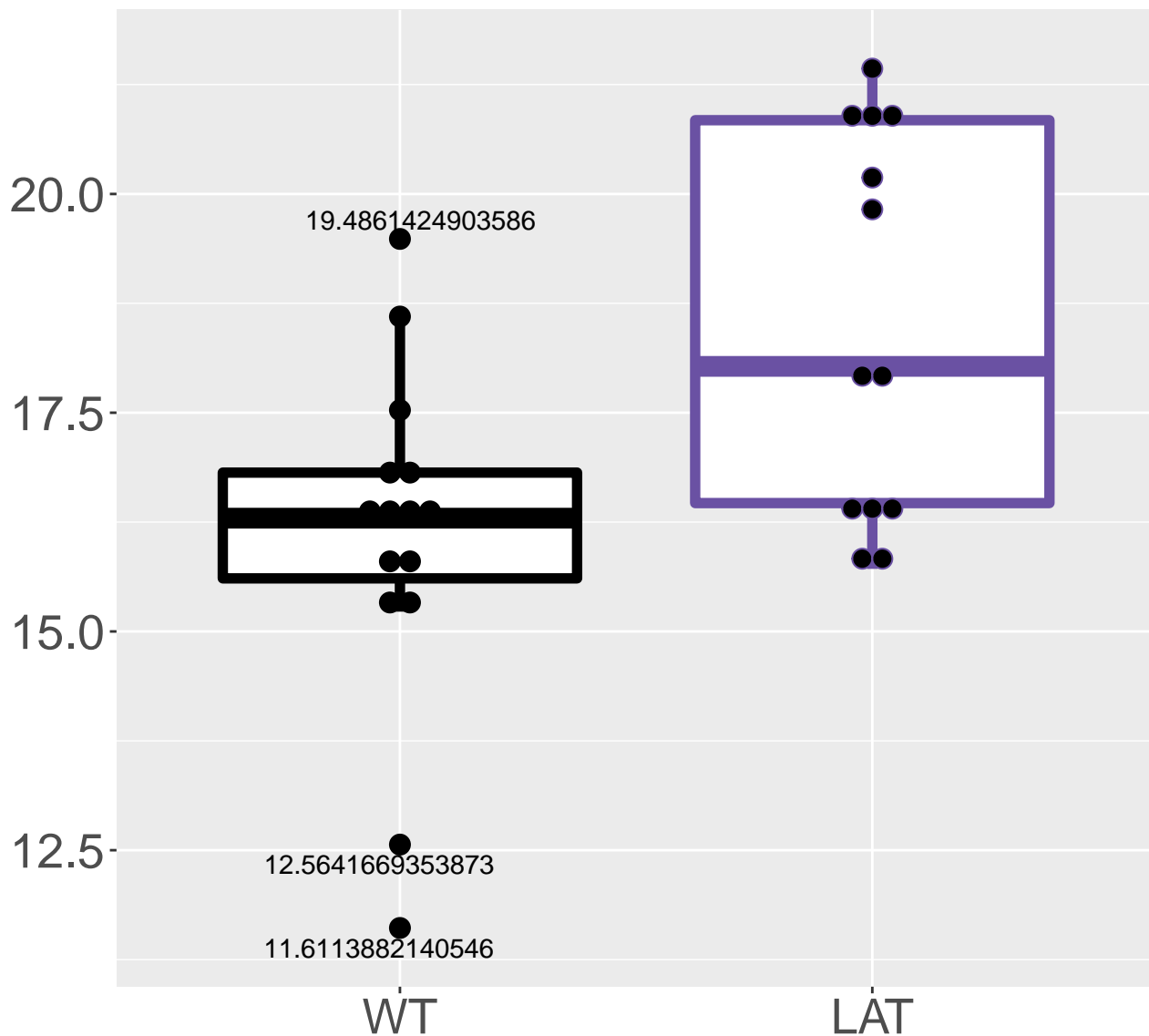
M351.0701T526.21
FDR = 0.013, FC = 1.3



M102.9236T142.4
FDR = 0.013, FC = -2.8

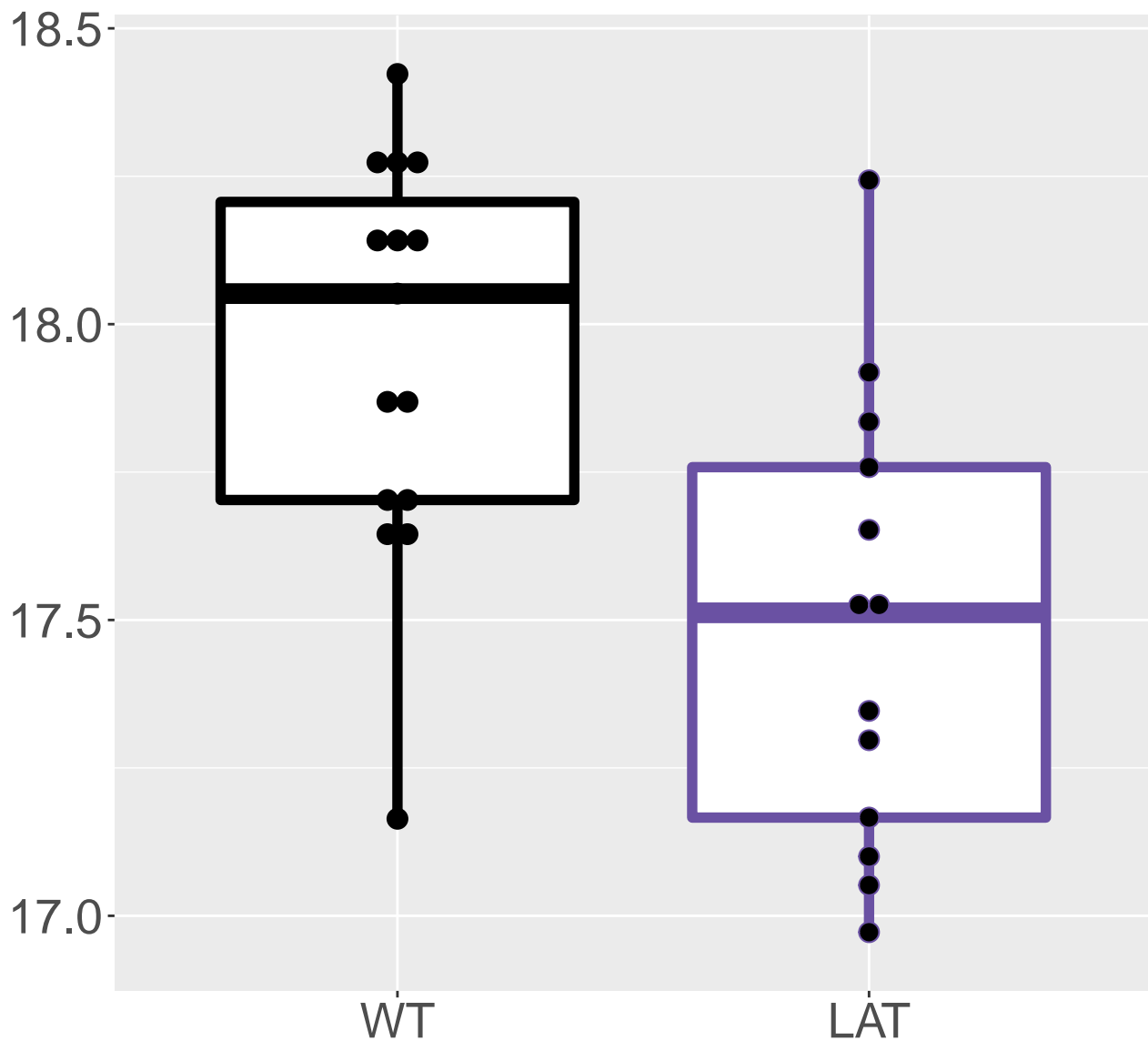


M81.0458T128.57
FDR = 0.013, FC = 2.5



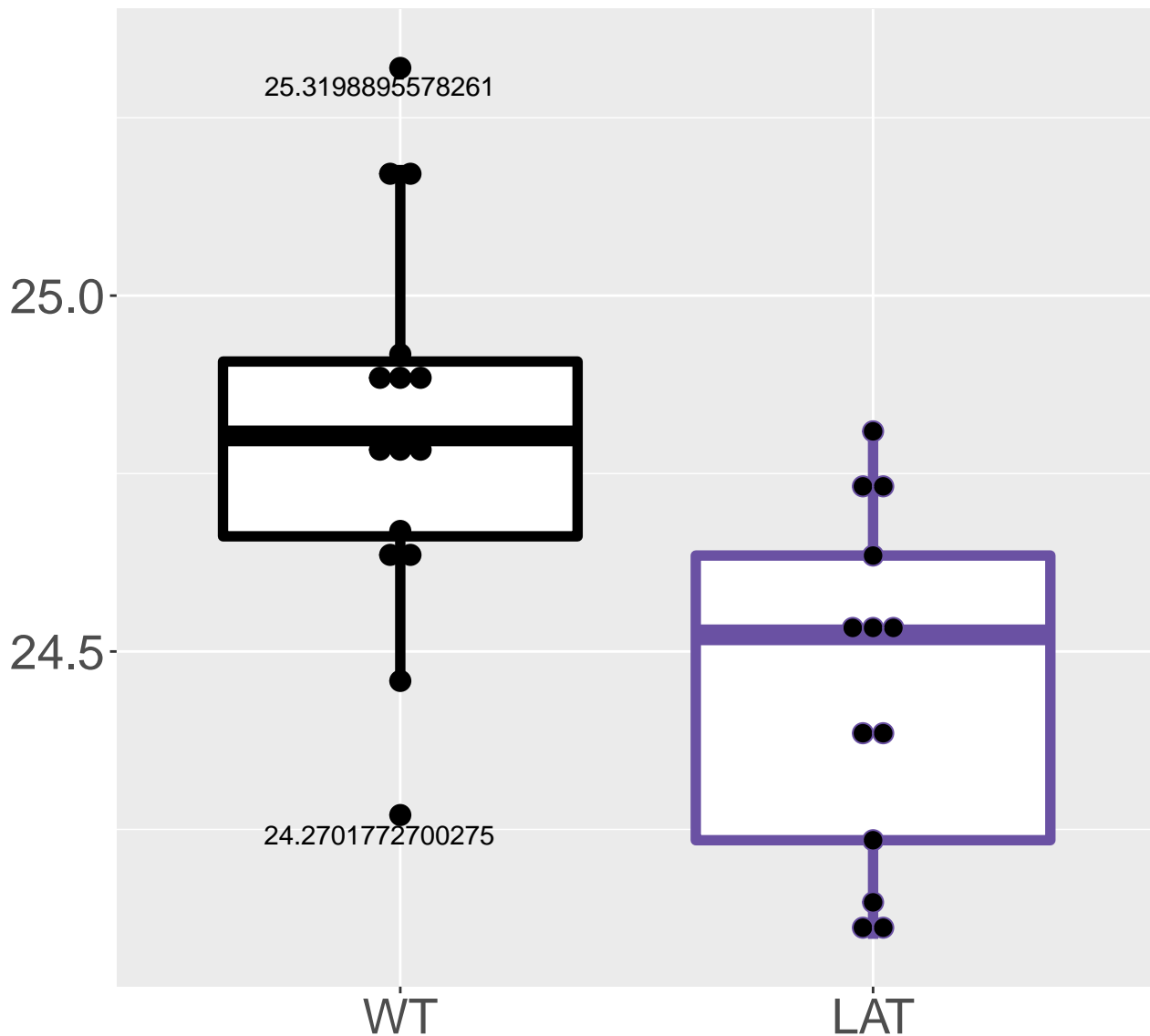
M182.071T327.3

FDR = 0.013, FC = -0.46



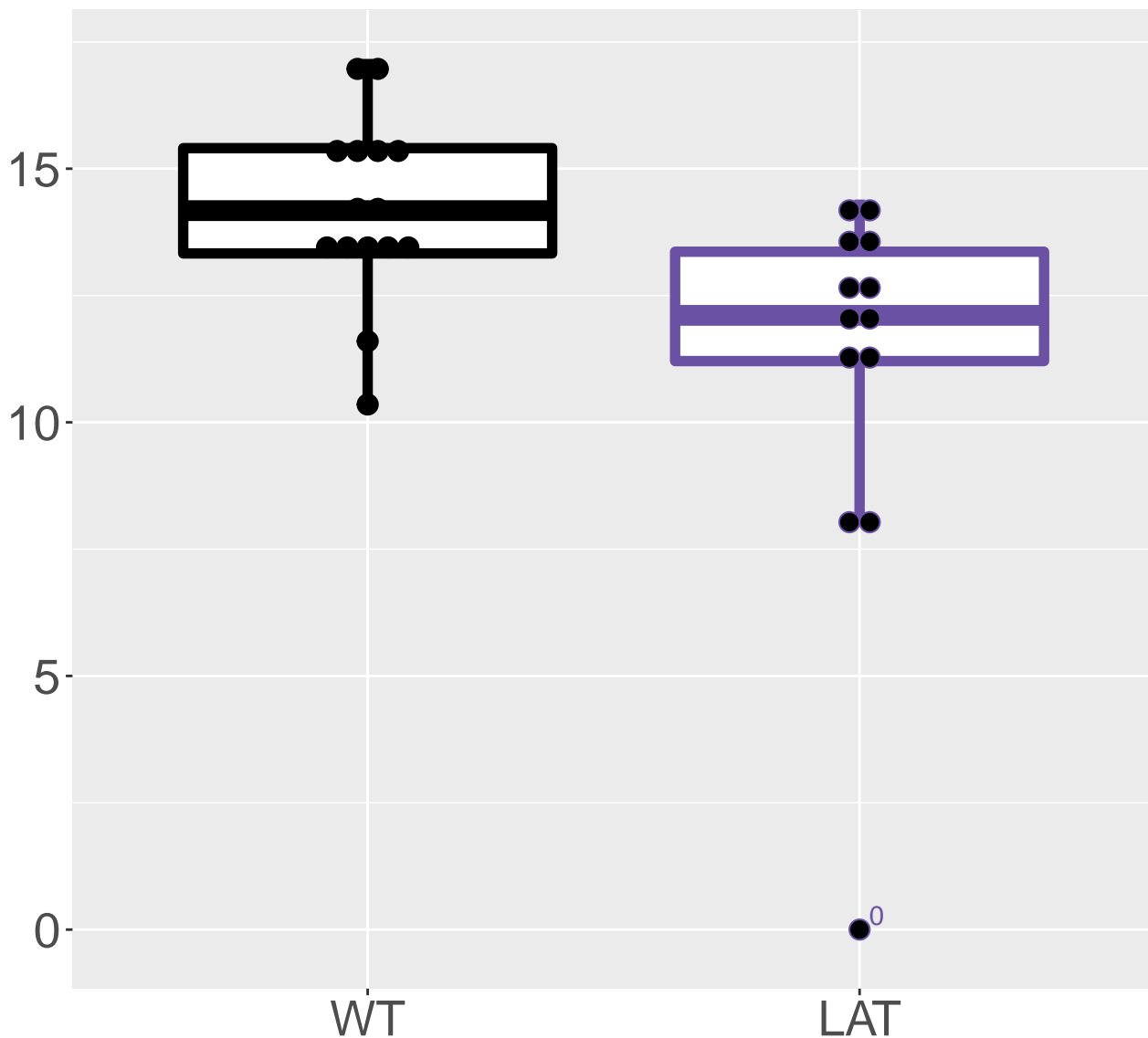
M187.038T389.48

FDR = 0.013, FC = -0.36

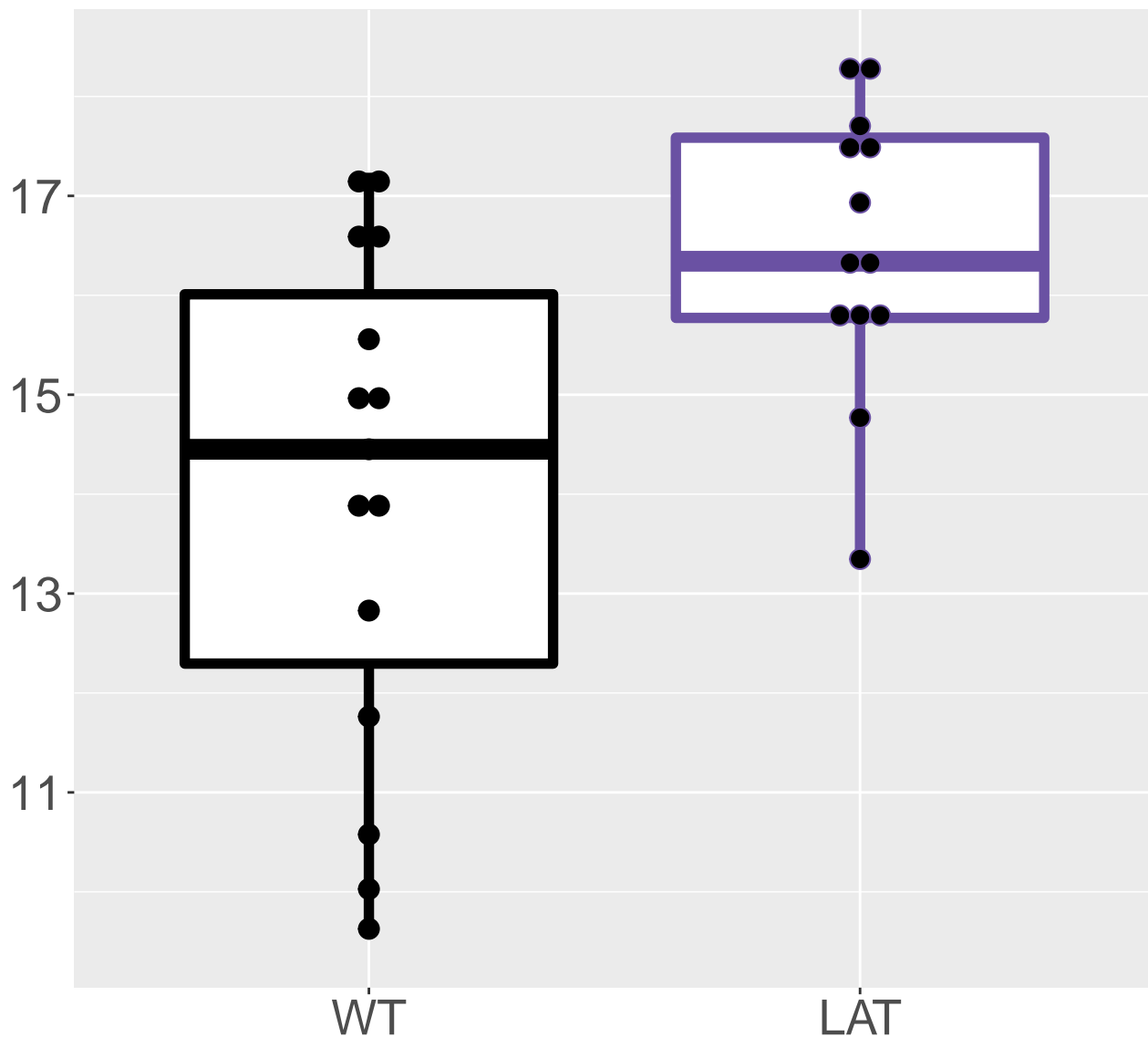


M383.0771T138.11

FDR = 0.013, FC = -3.2, sex**

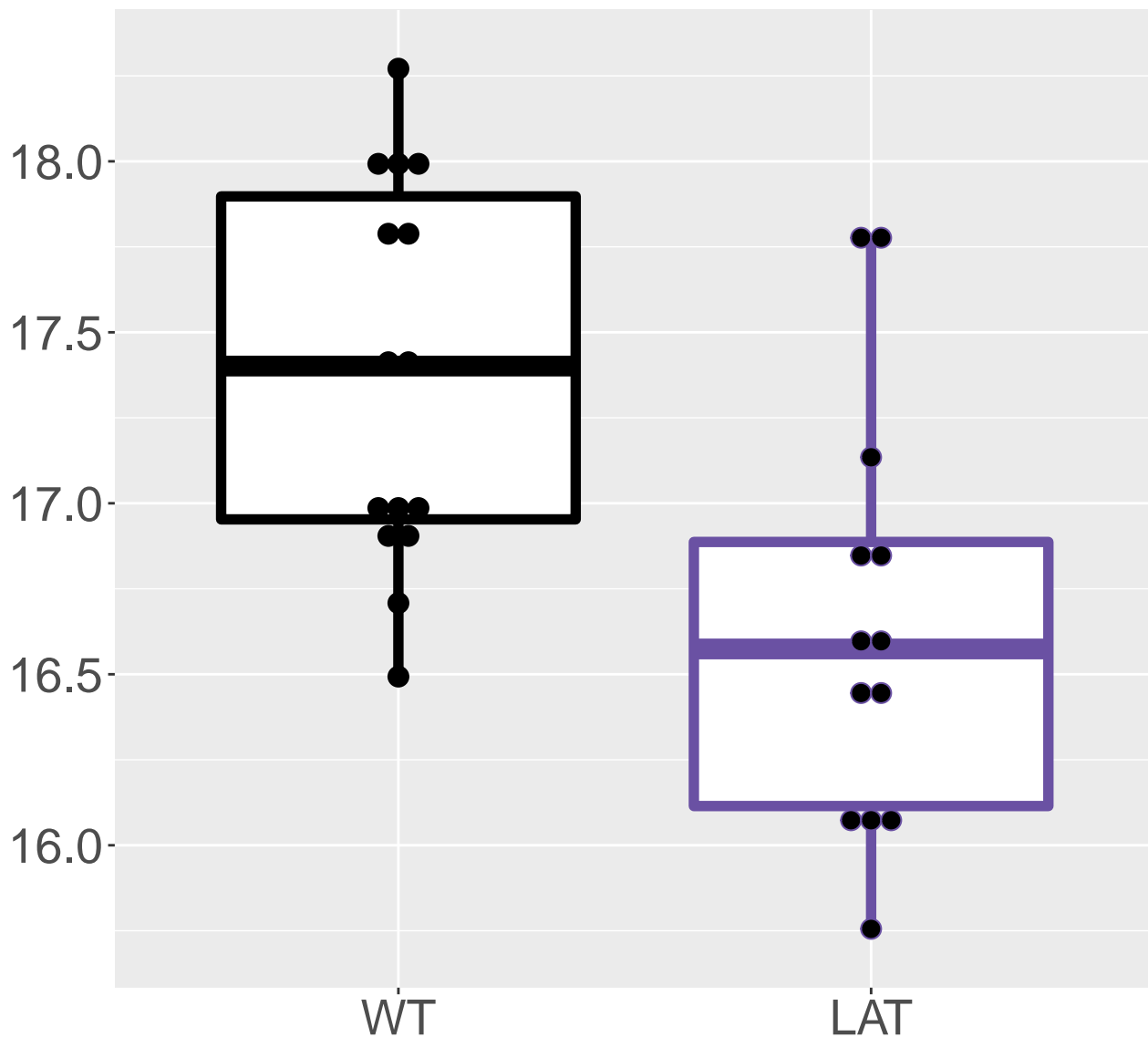


M301.5317T627.41_1
FDR = 0.013, FC = 2.5



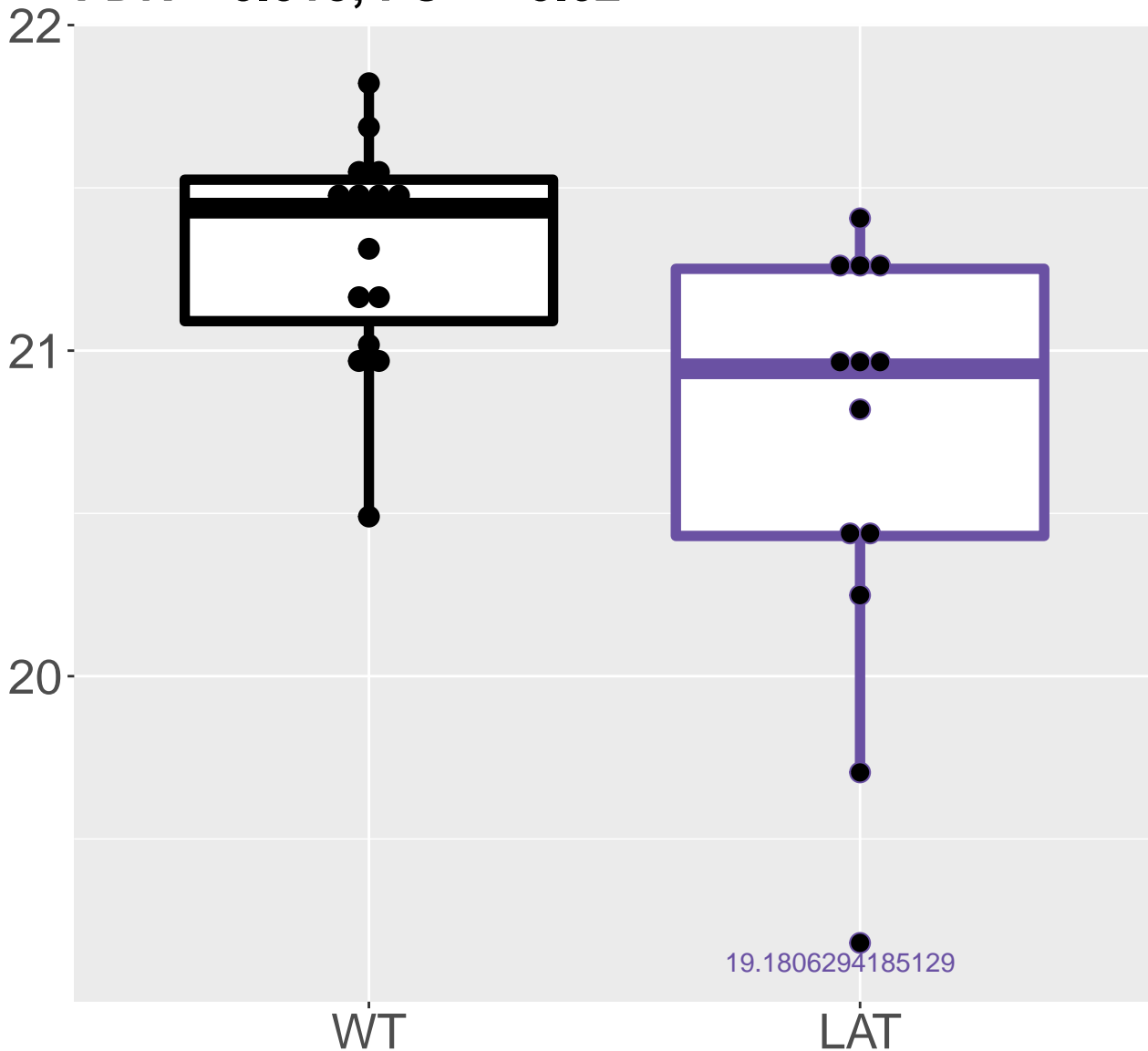
M593.1954T577.38

FDR = 0.013, FC = -0.73



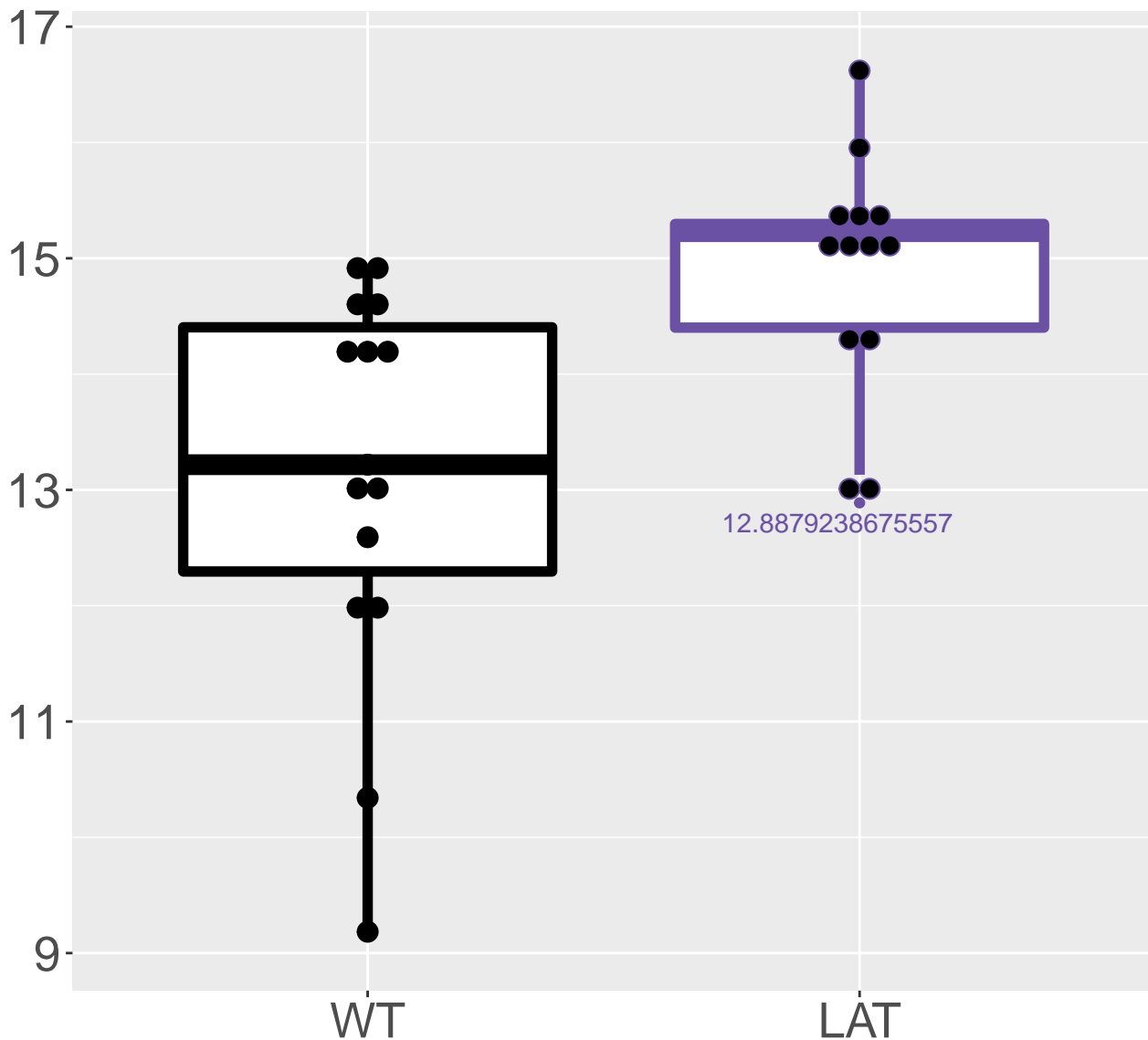
M310.097T302.36

FDR = 0.013, FC = -0.62



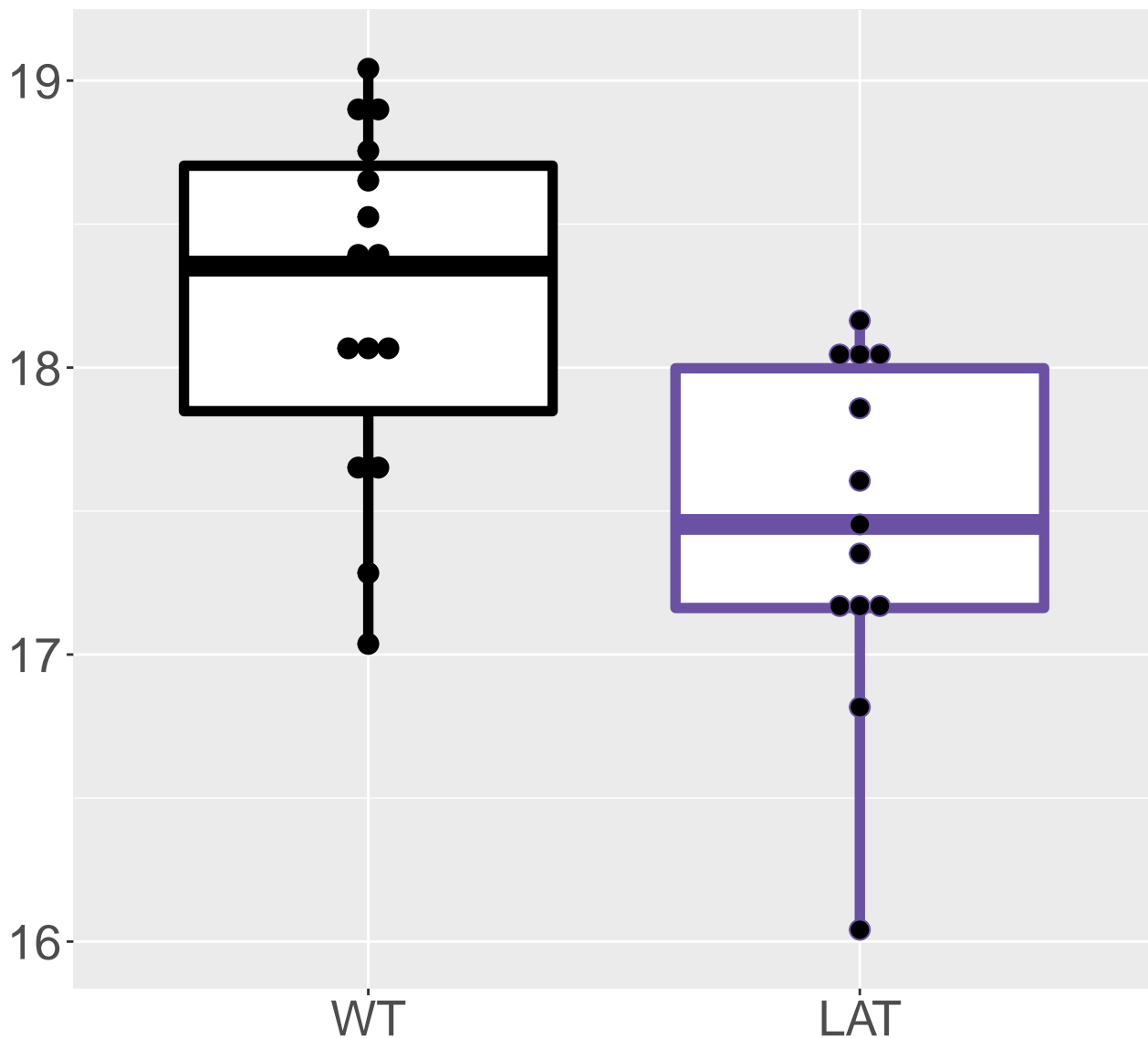
M316.1055T199.04

FDR = 0.013, FC = 1.8



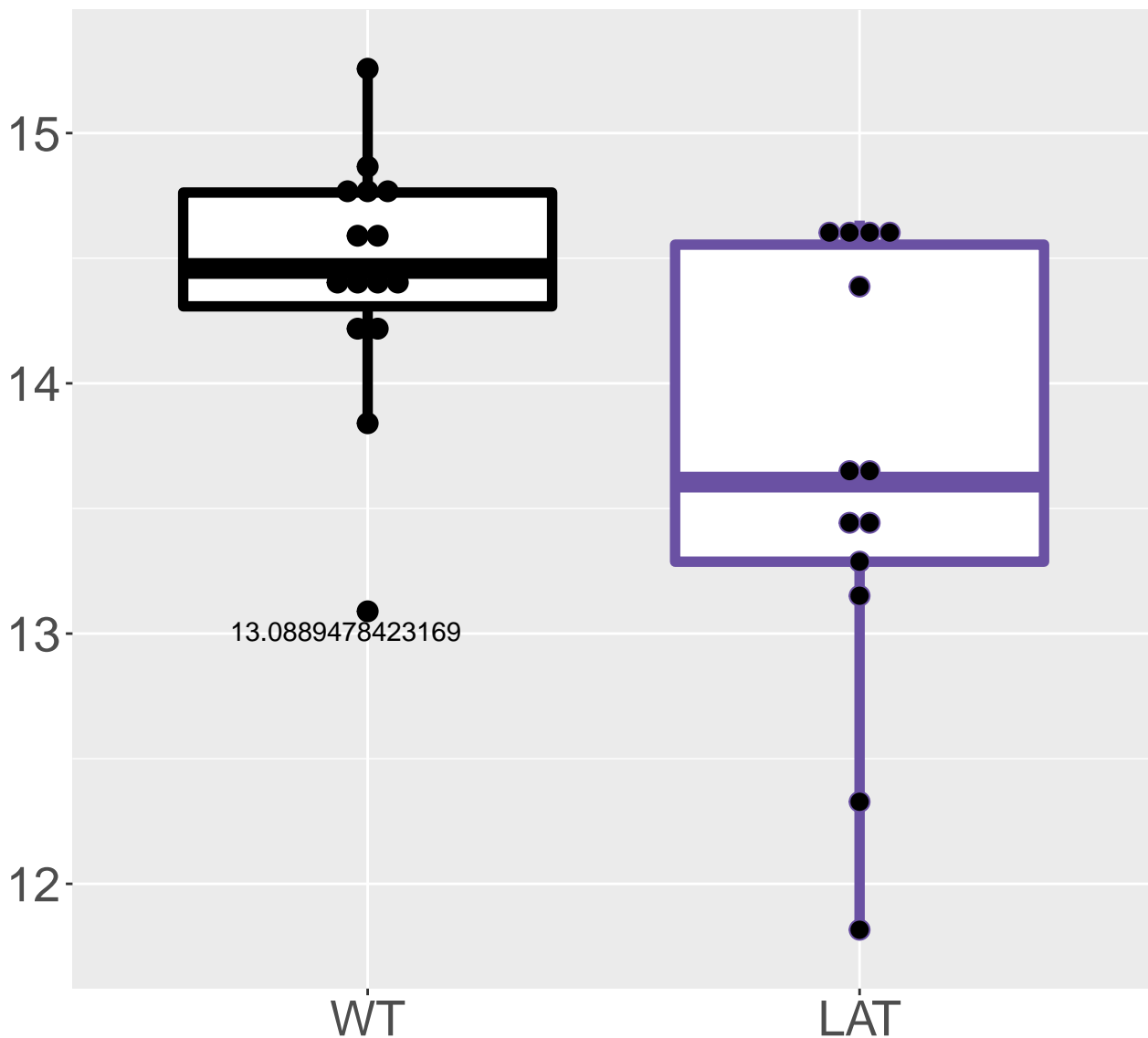
M312.0861T394.32

FDR = 0.013, FC = -0.78



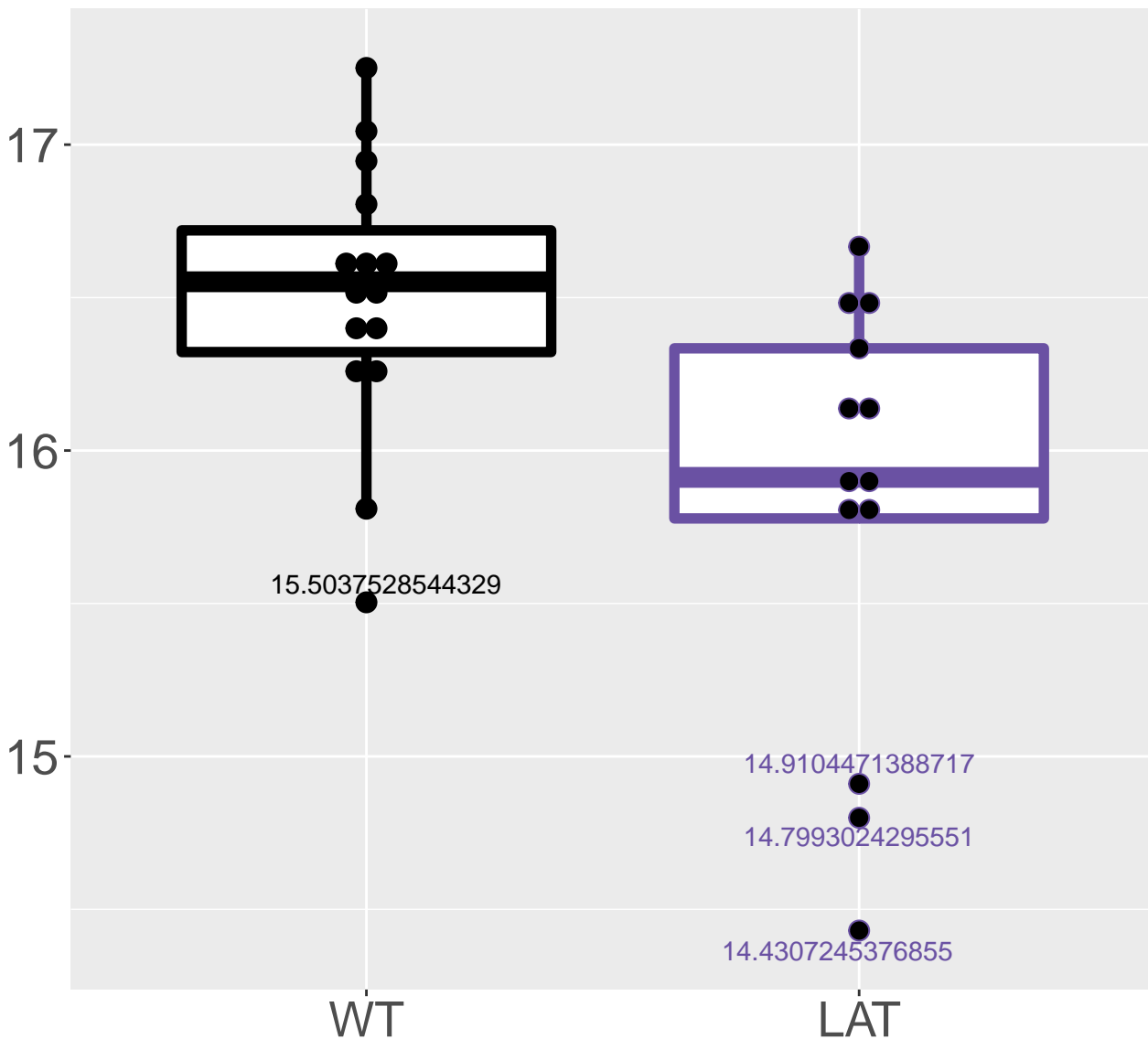
M624.1452T507.98

FDR = 0.013, FC = -0.79



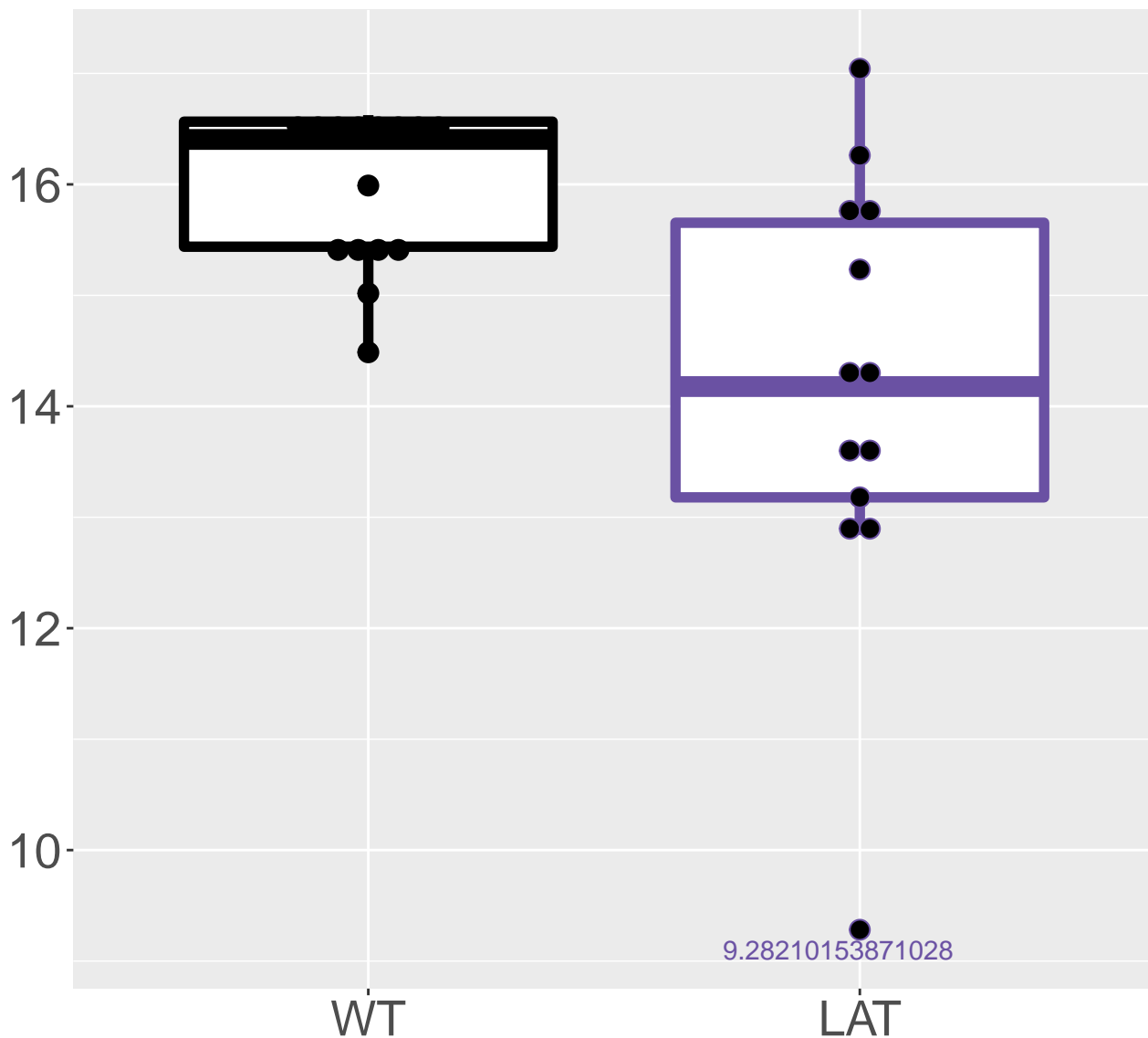
M367.107T174.06

FDR = 0.013, FC = -0.67



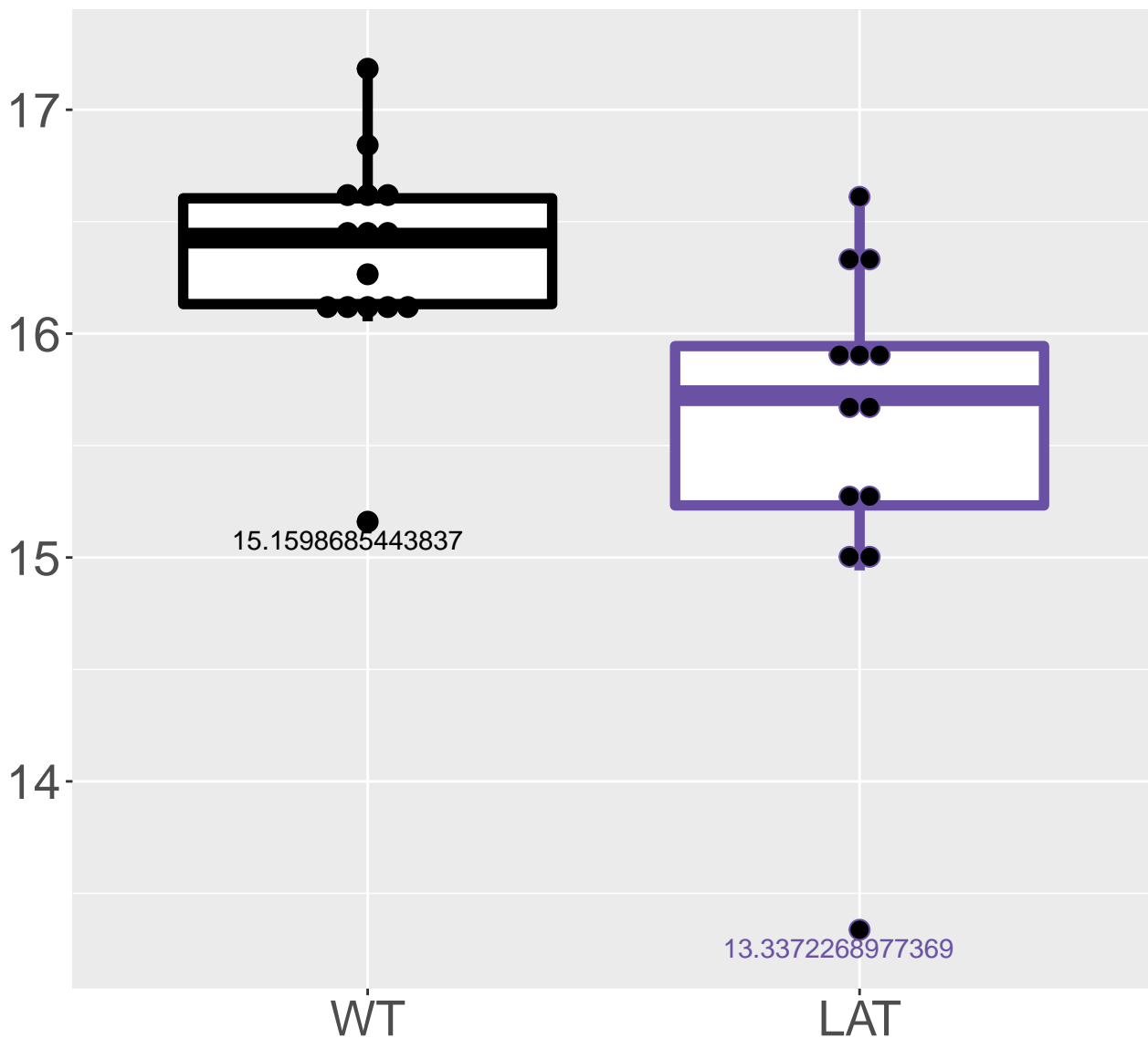
M816.263T527.44

FDR = 0.013, FC = -1.8

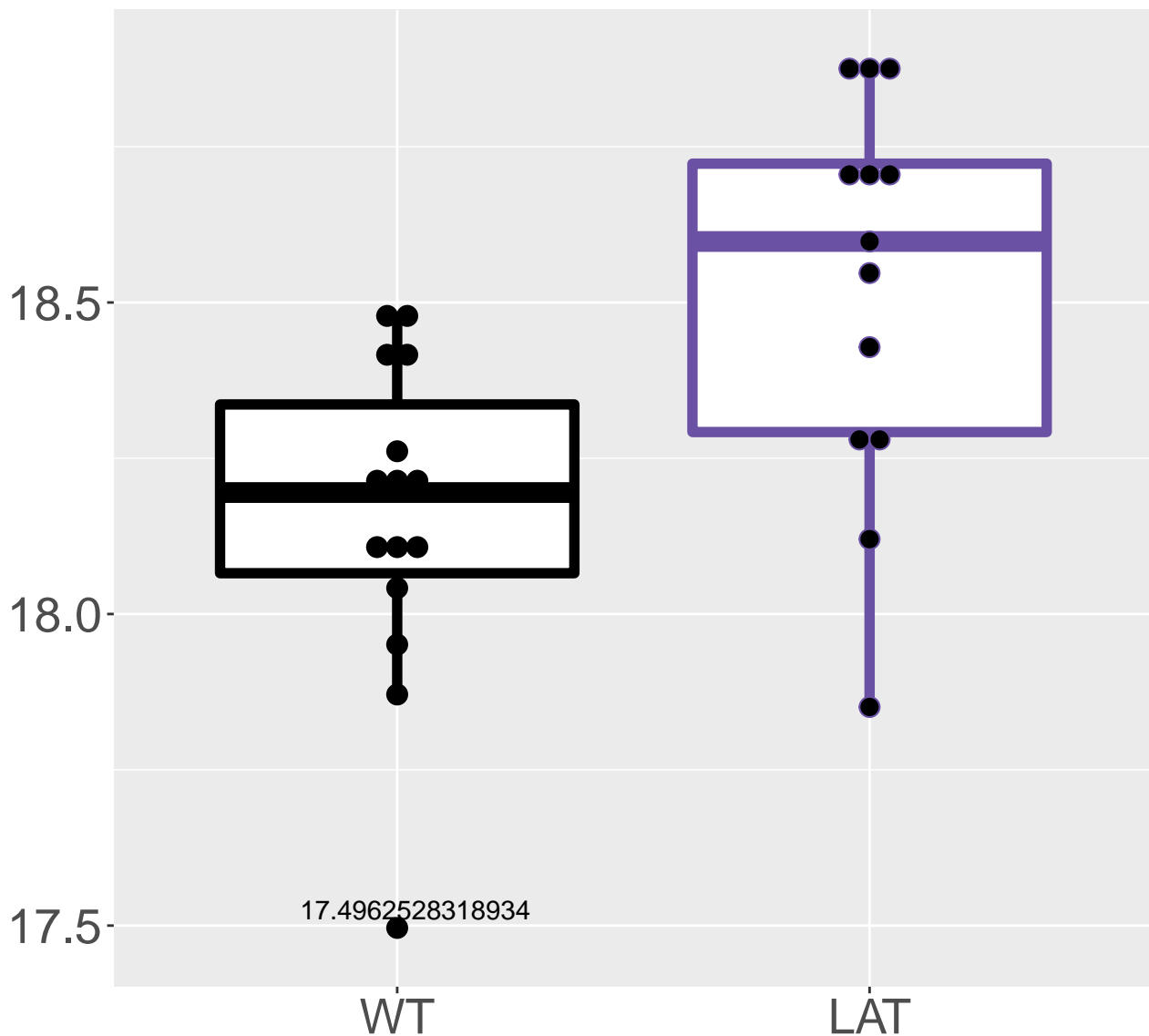


M94.0404T597.66

FDR = 0.013, FC = -0.79

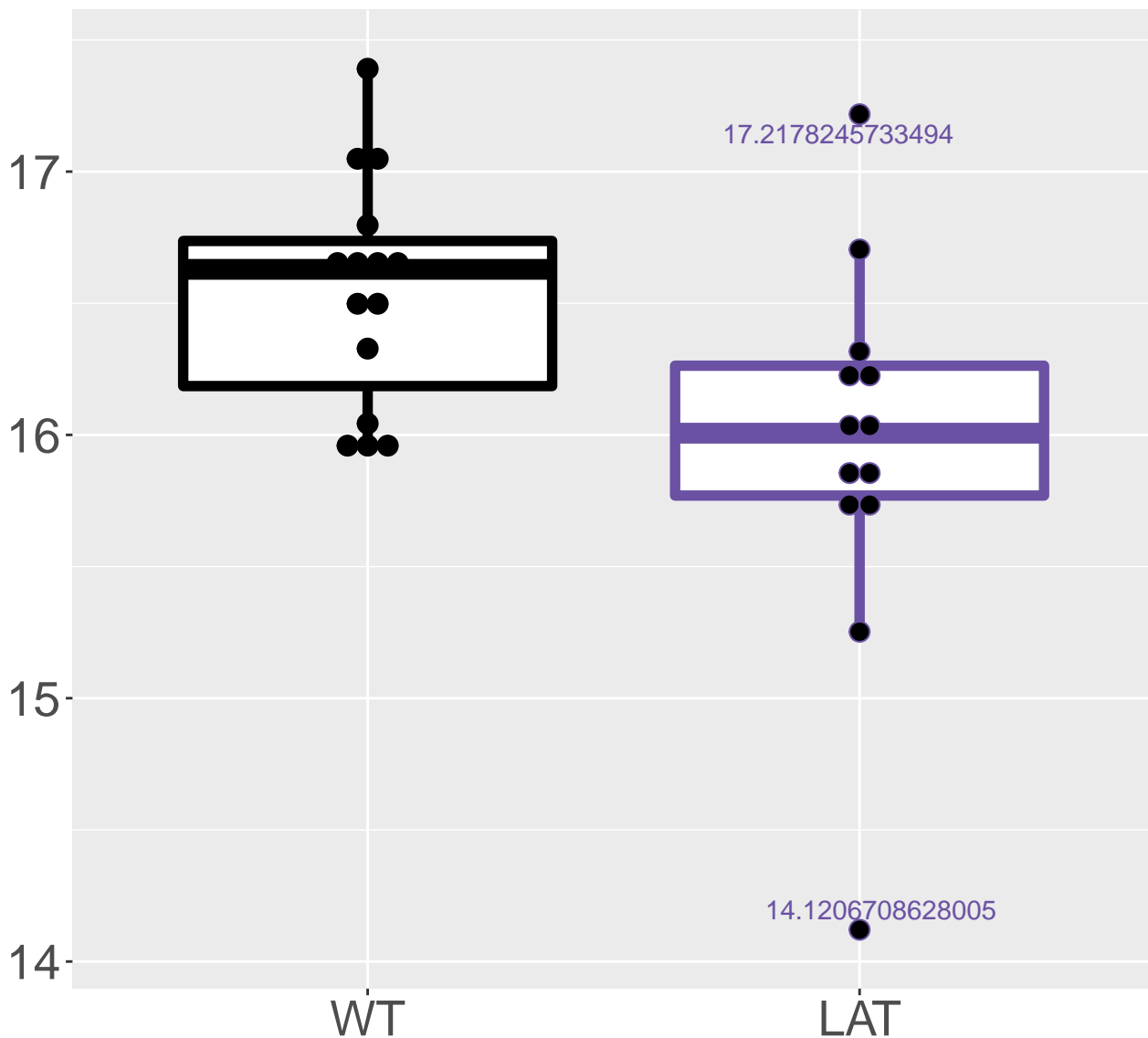


M357.1045T539.75
FDR = 0.013, FC = 0.37



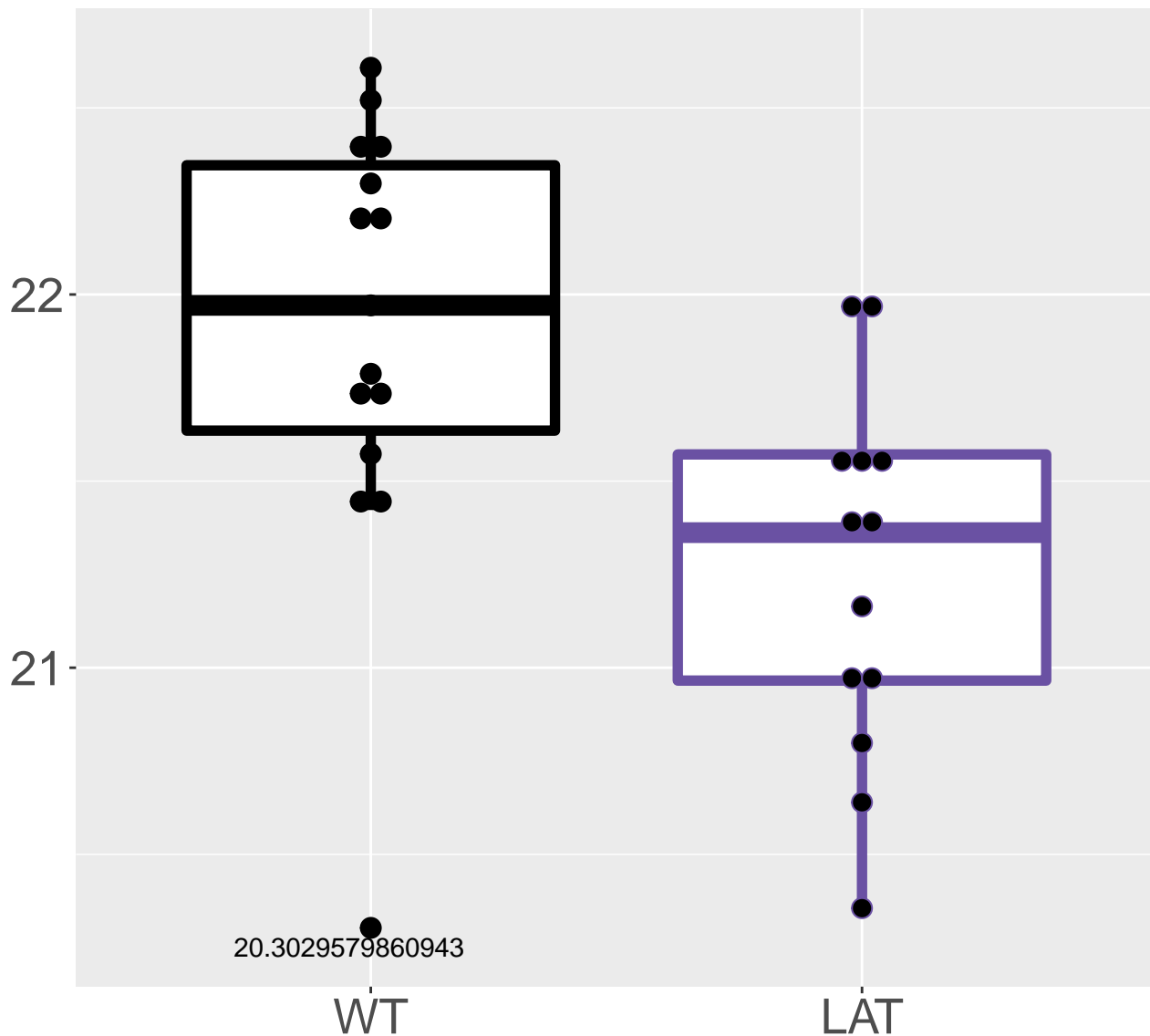
M135.5408T522.88

FDR = 0.013, FC = -0.59, sex*

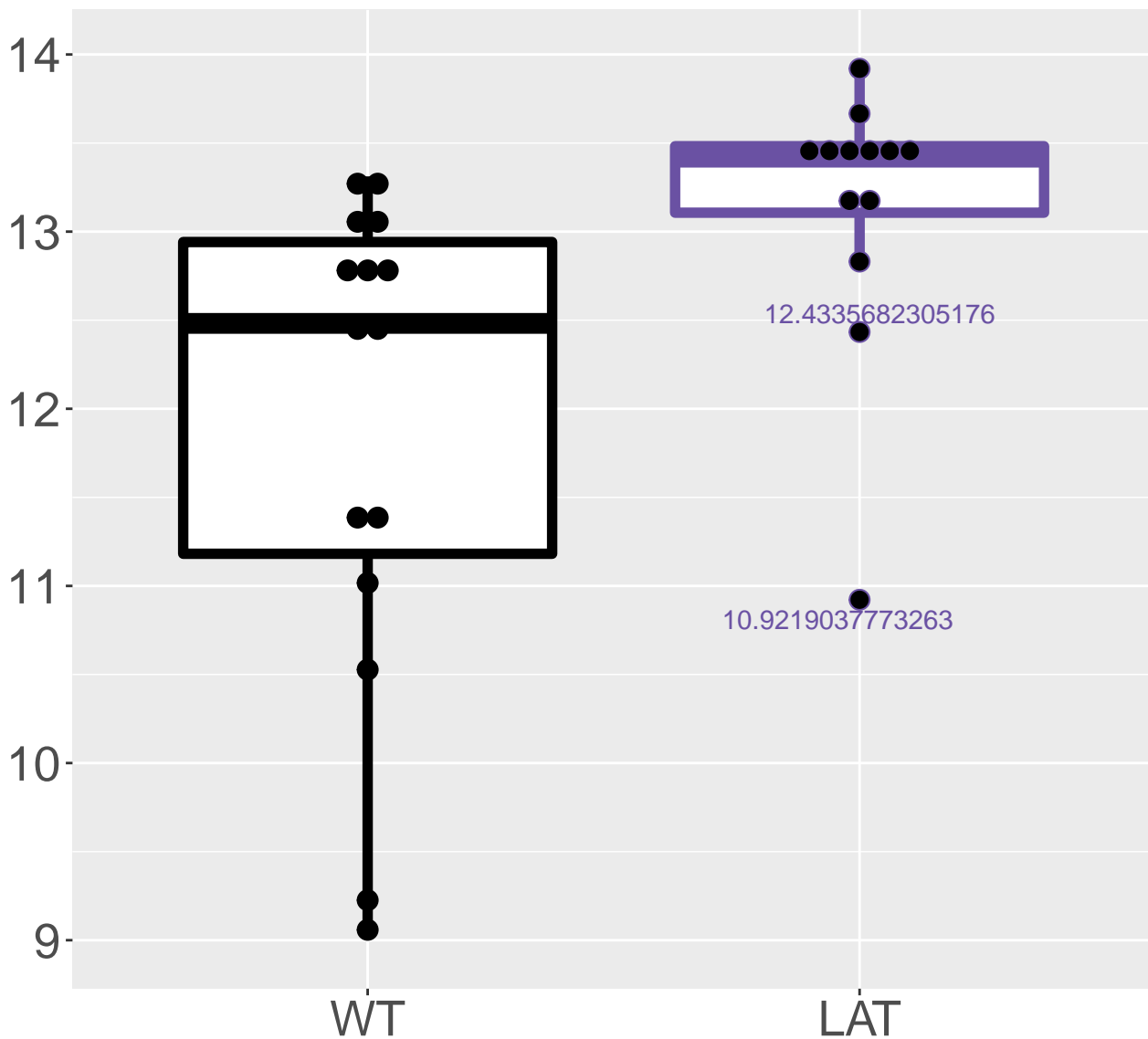


M280.1041T469.4

FDR = 0.013, FC = -0.65

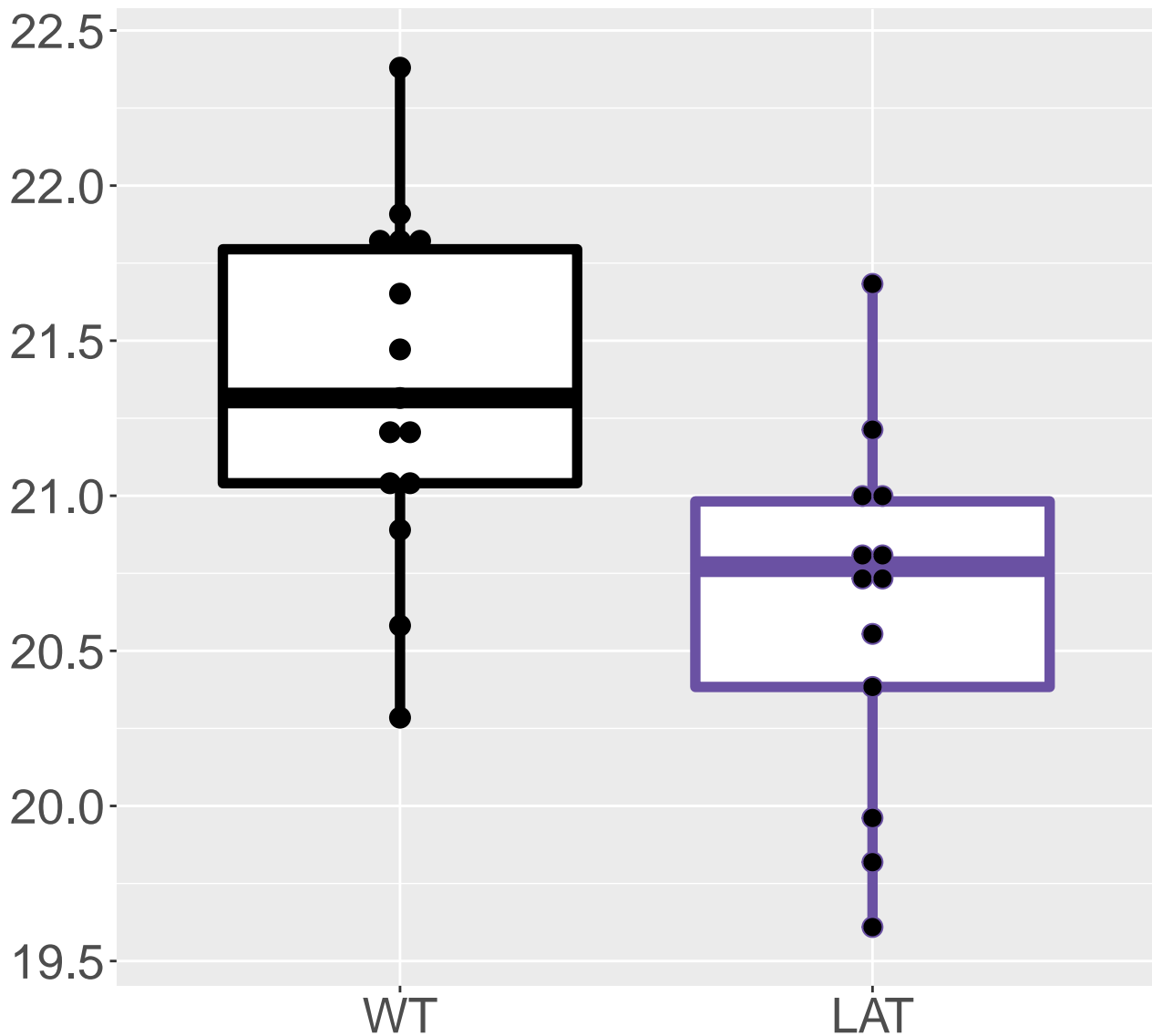


M727.1566T645.08
FDR = 0.014, FC = 1.2



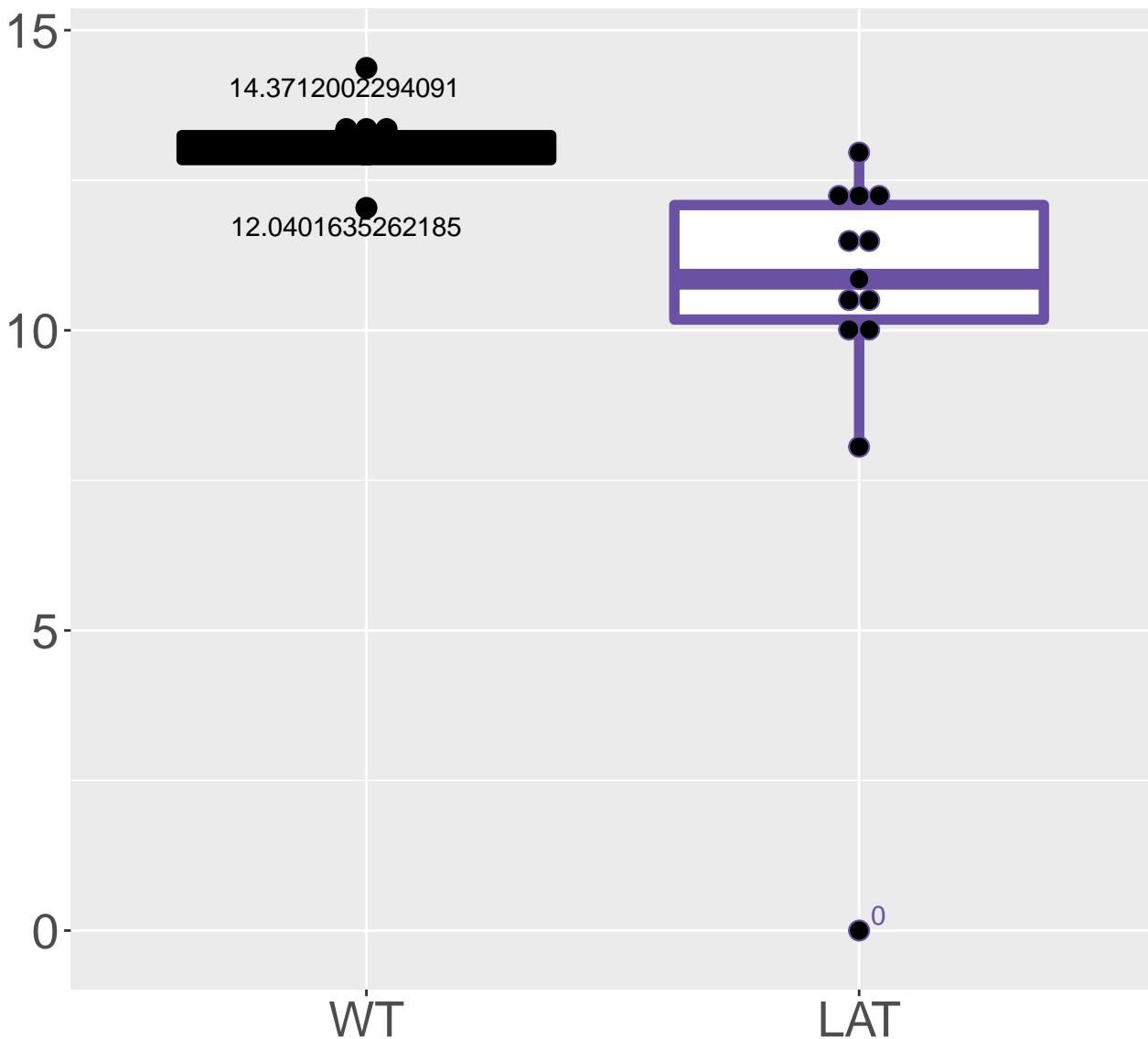
M561.4894T77.86

FDR = 0.014, FC = -0.72

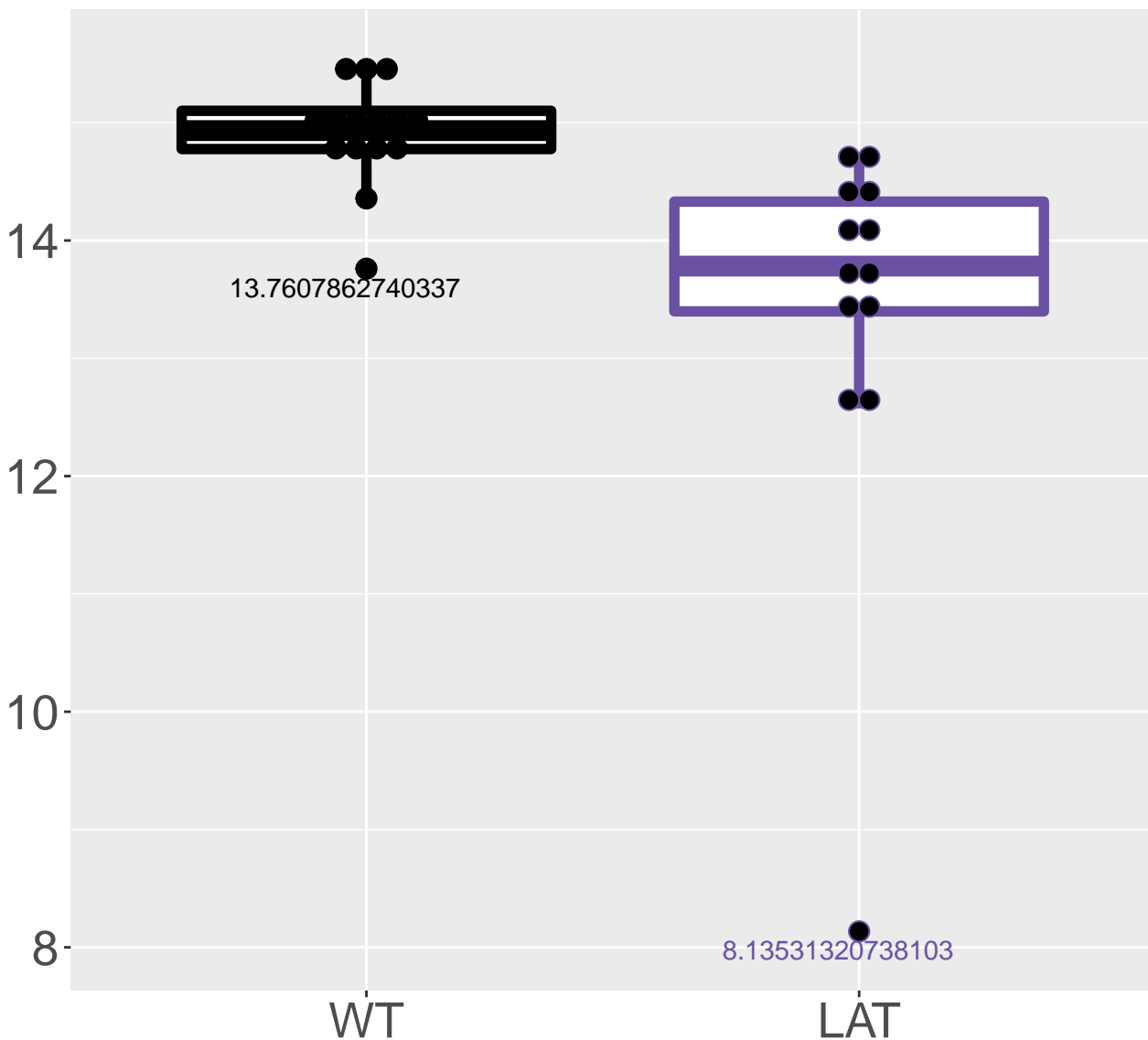


M194.8529T143.17

FDR = 0.014, FC = -2.9

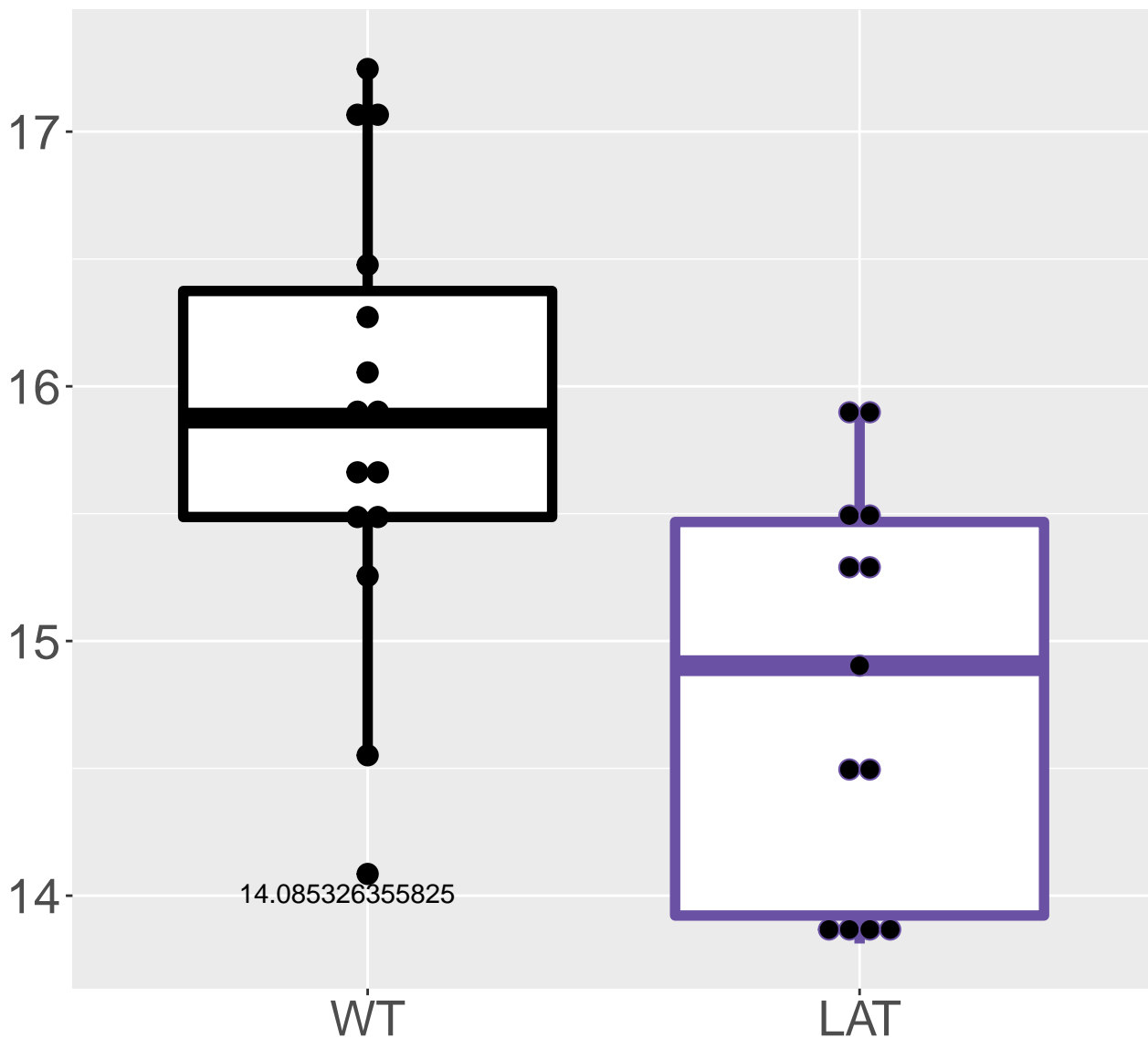


FDR = 0.014, FC = -1.5



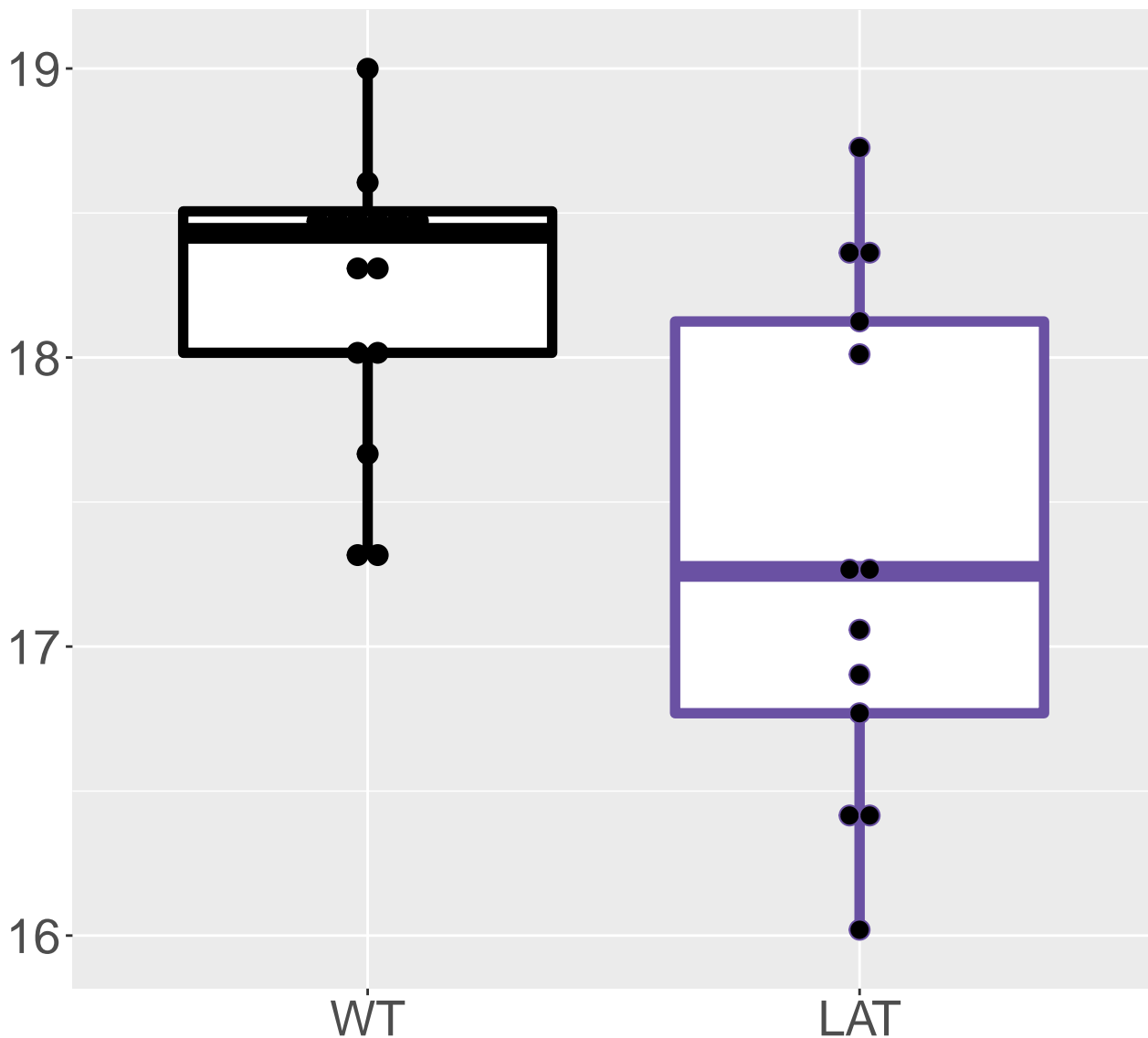
M361.1621T200.12

FDR = 0.014, FC = -1

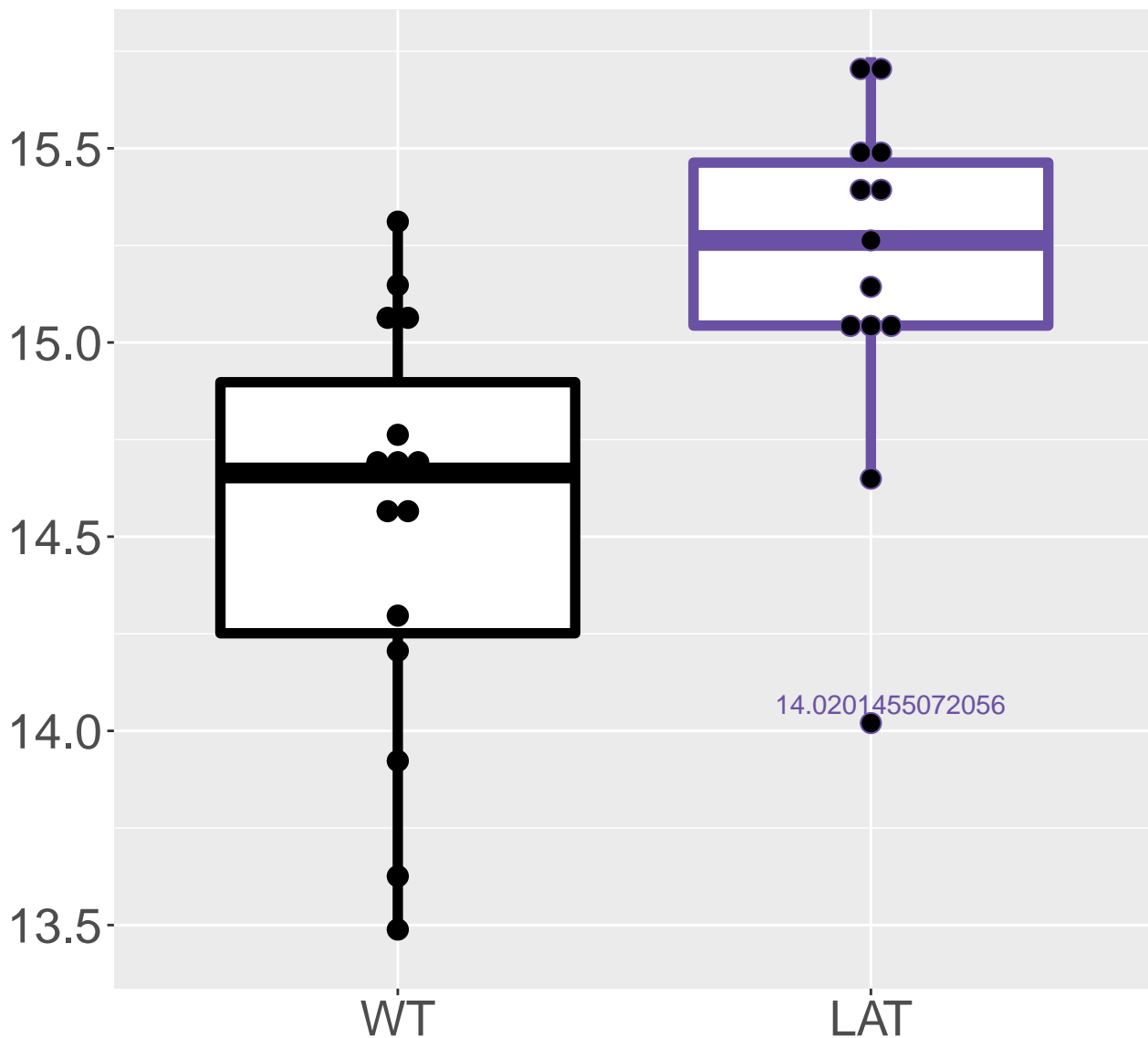


M642.1658T528.66

FDR = 0.014, FC = -0.87

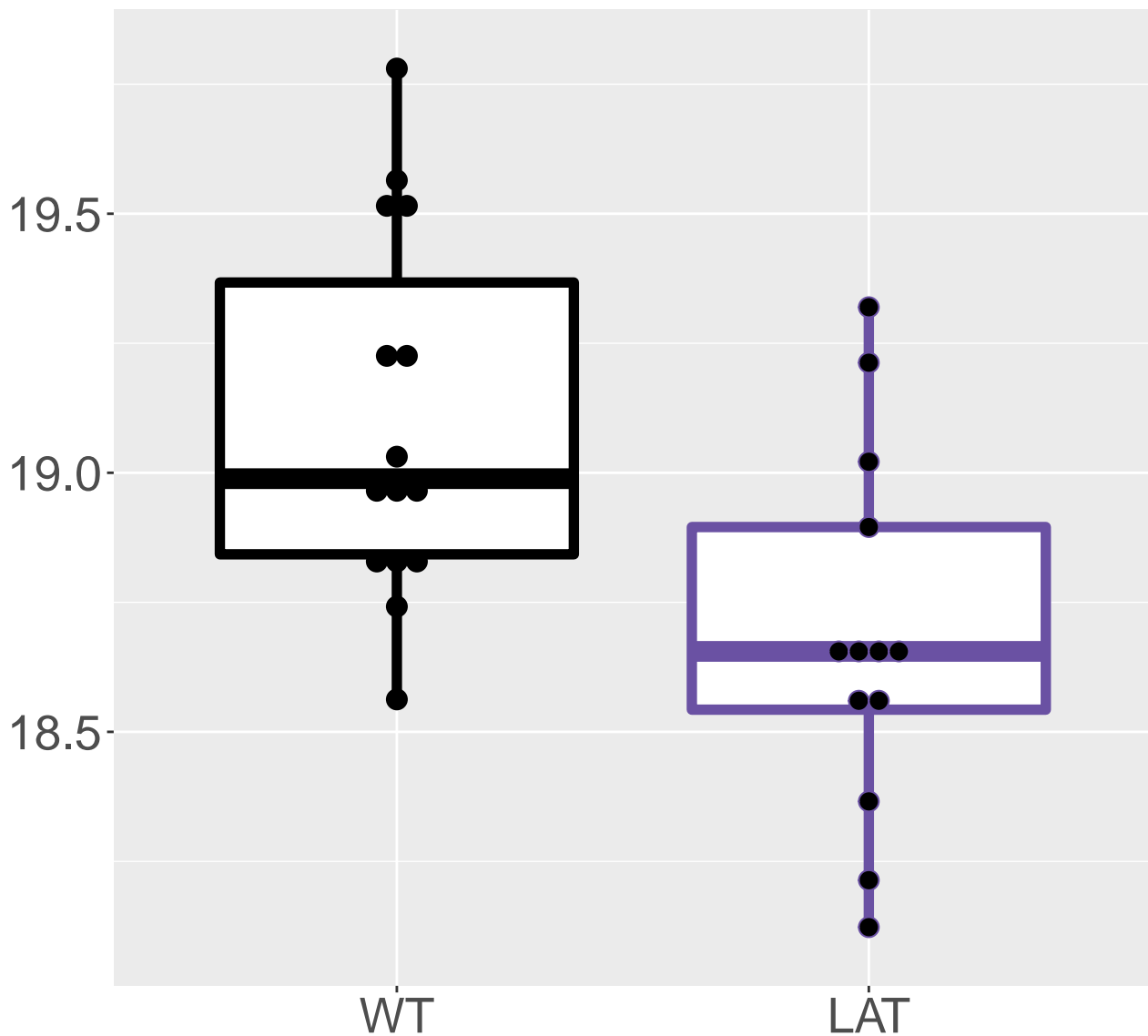


M358.1071T539.64
FDR = 0.014, FC = 0.64

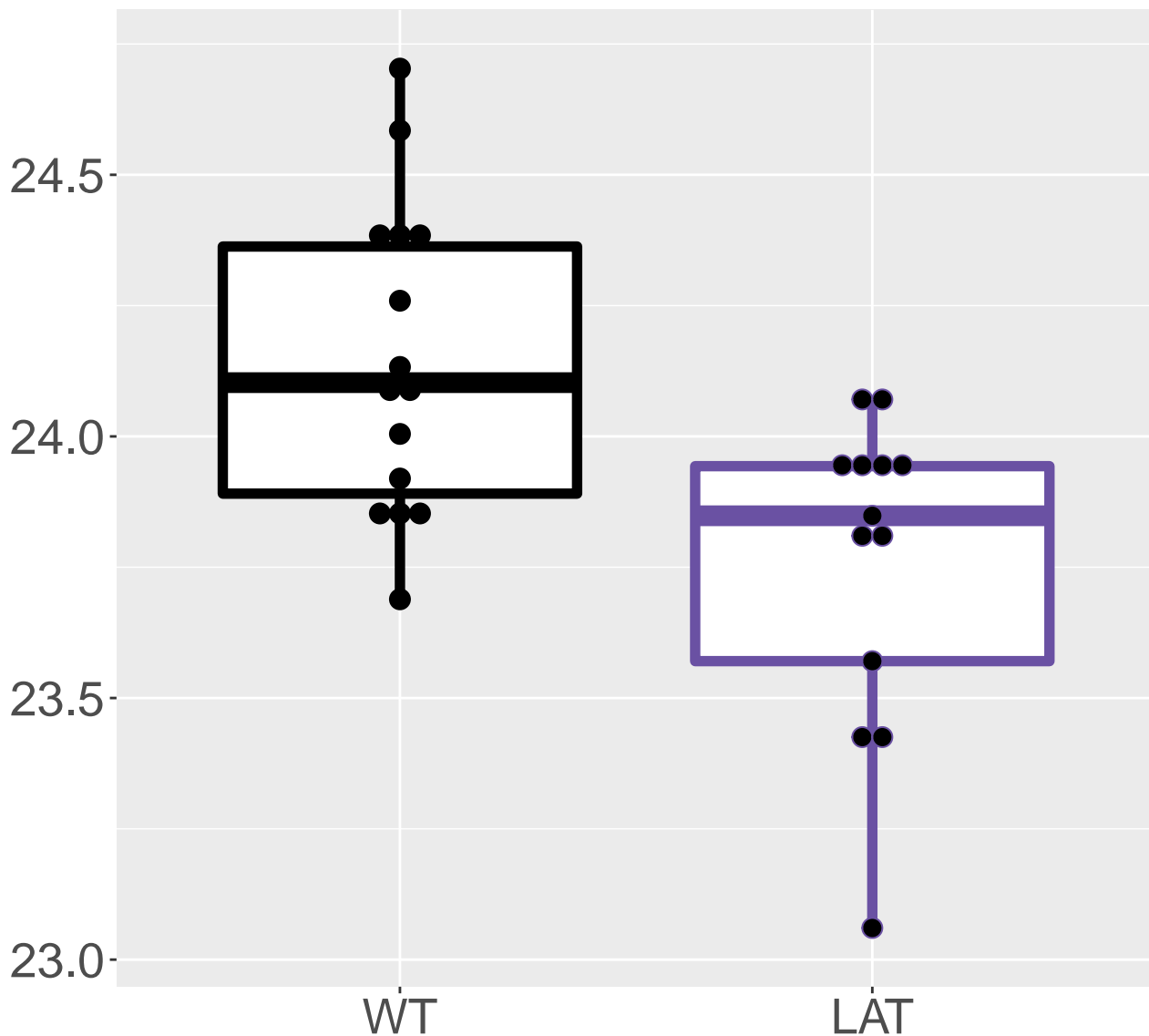


M391.1099T496.05

FDR = 0.014, FC = -0.42

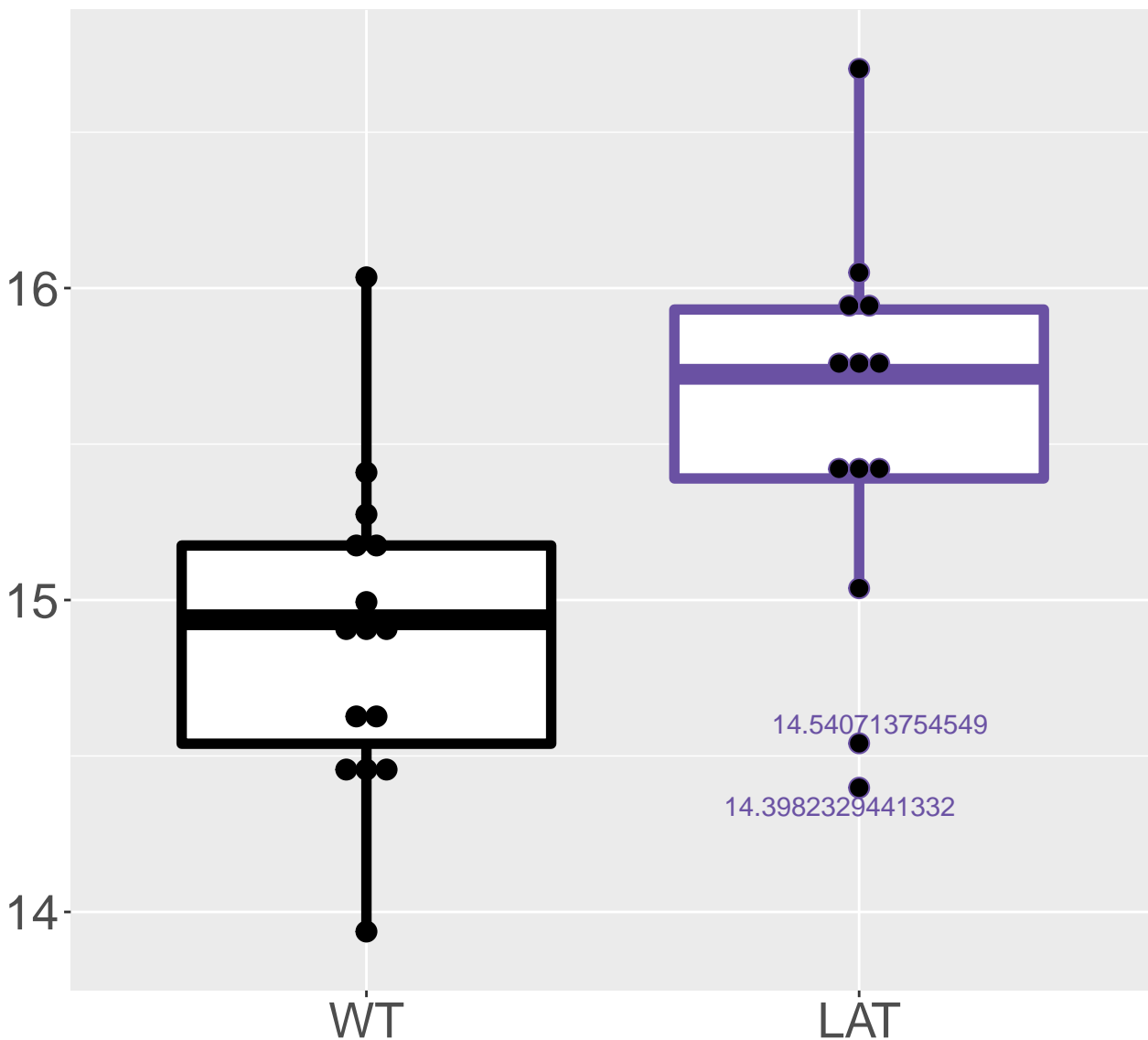


cis-8,11,14-Eicosatrienoic acid;8,11,14-Eicos
FDR = 0.014, FC = -0.39



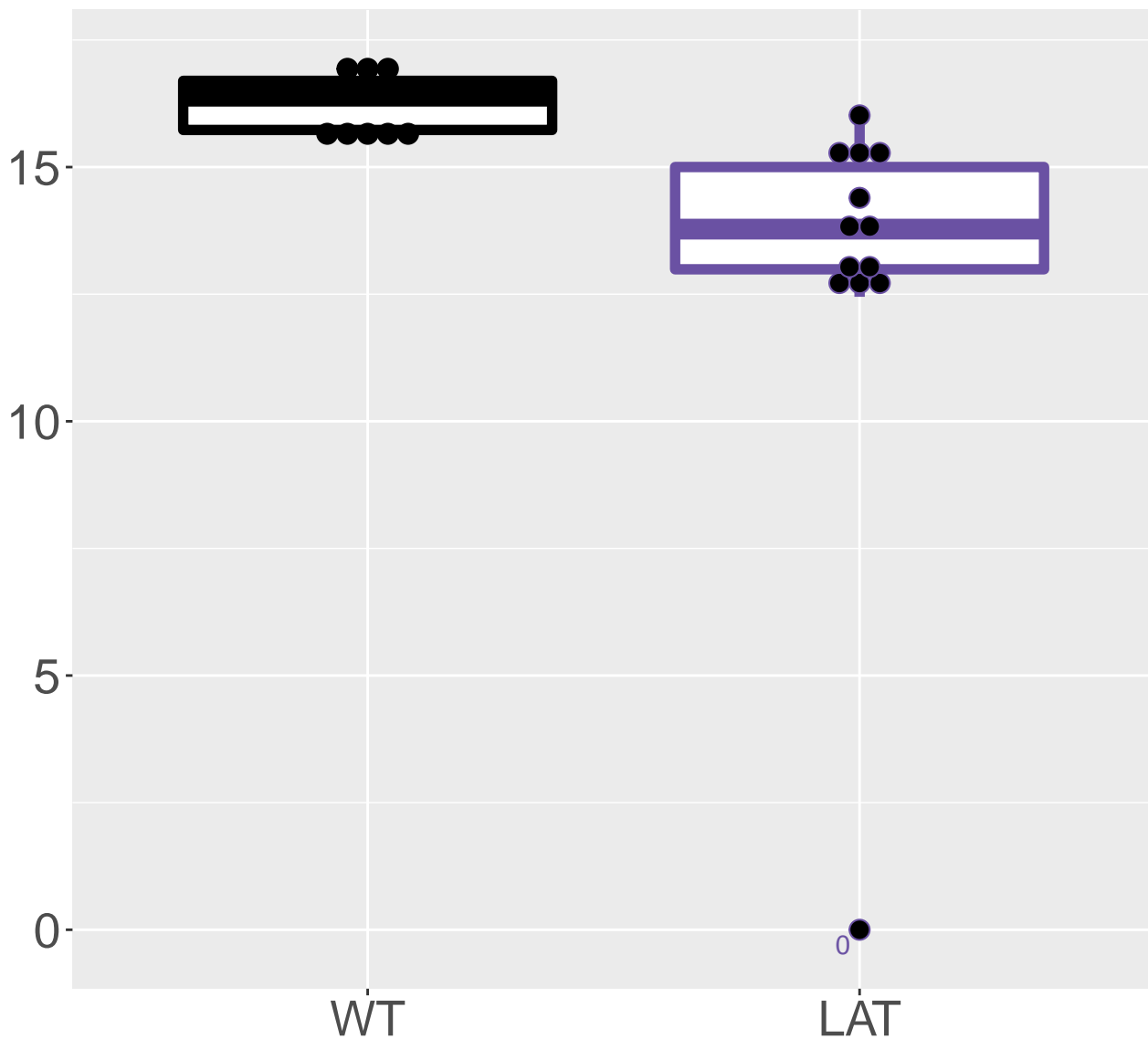
M277.0233T598.9

FDR = 0.014, FC = 0.66

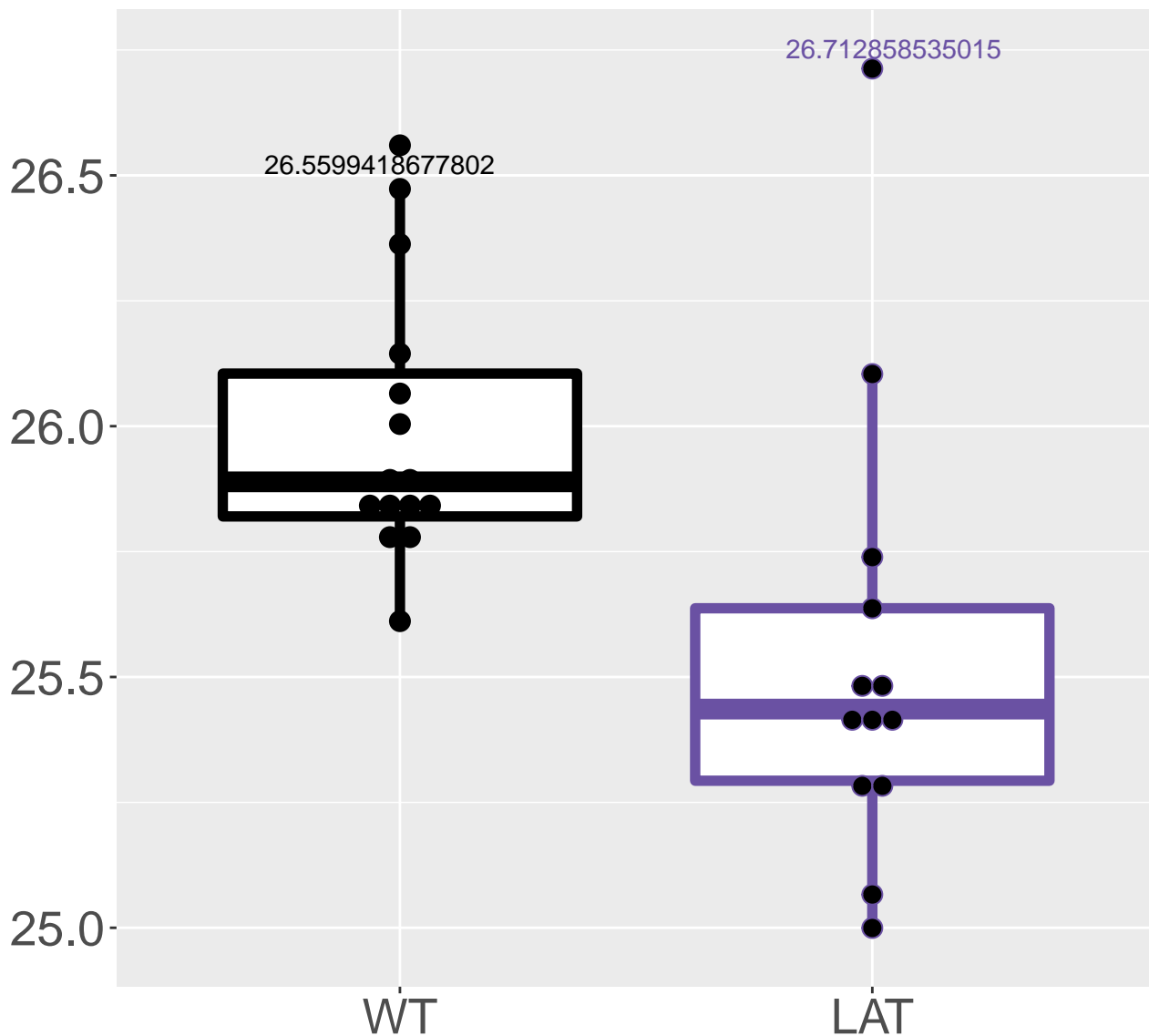


M796.1092T555.94

FDR = 0.014, FC = -3.4

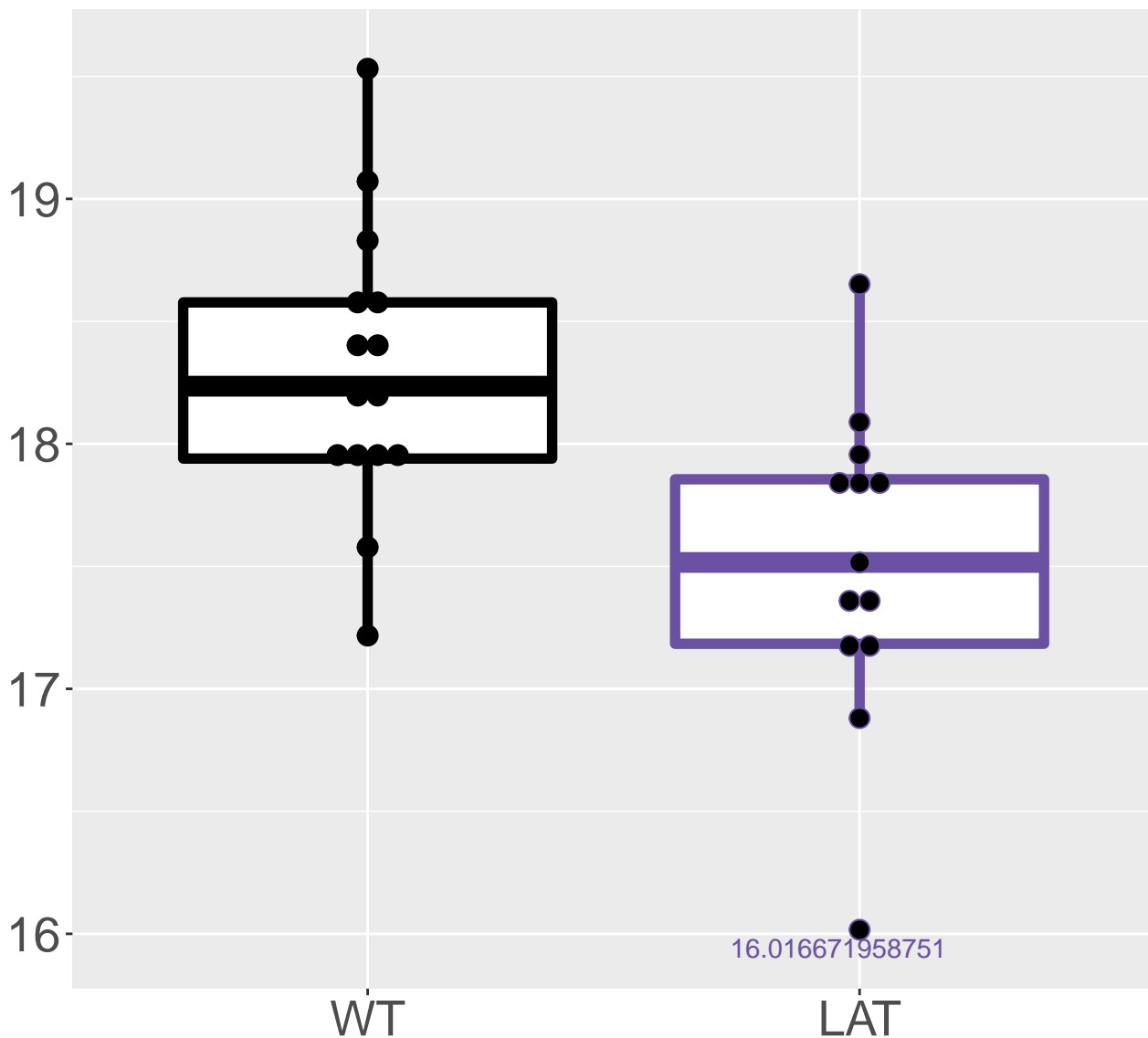


D-(+)-Trehalose; $\hat{I} \pm \hat{I}$ - Trehalose | Maltose; D-M
FDR = 0.014, FC = -0.45



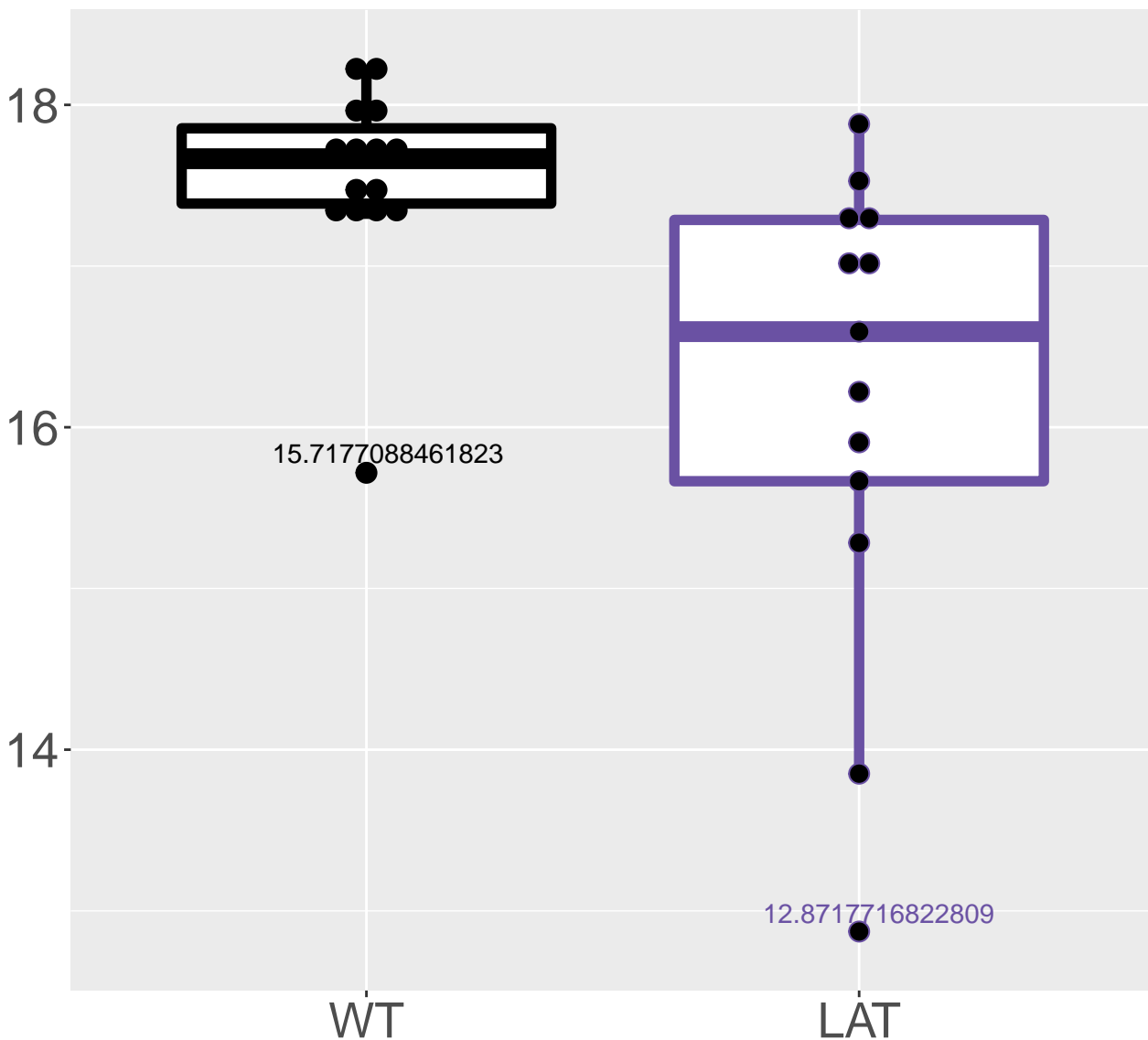
M364.1367T436.56

FDR = 0.014, FC = -0.78

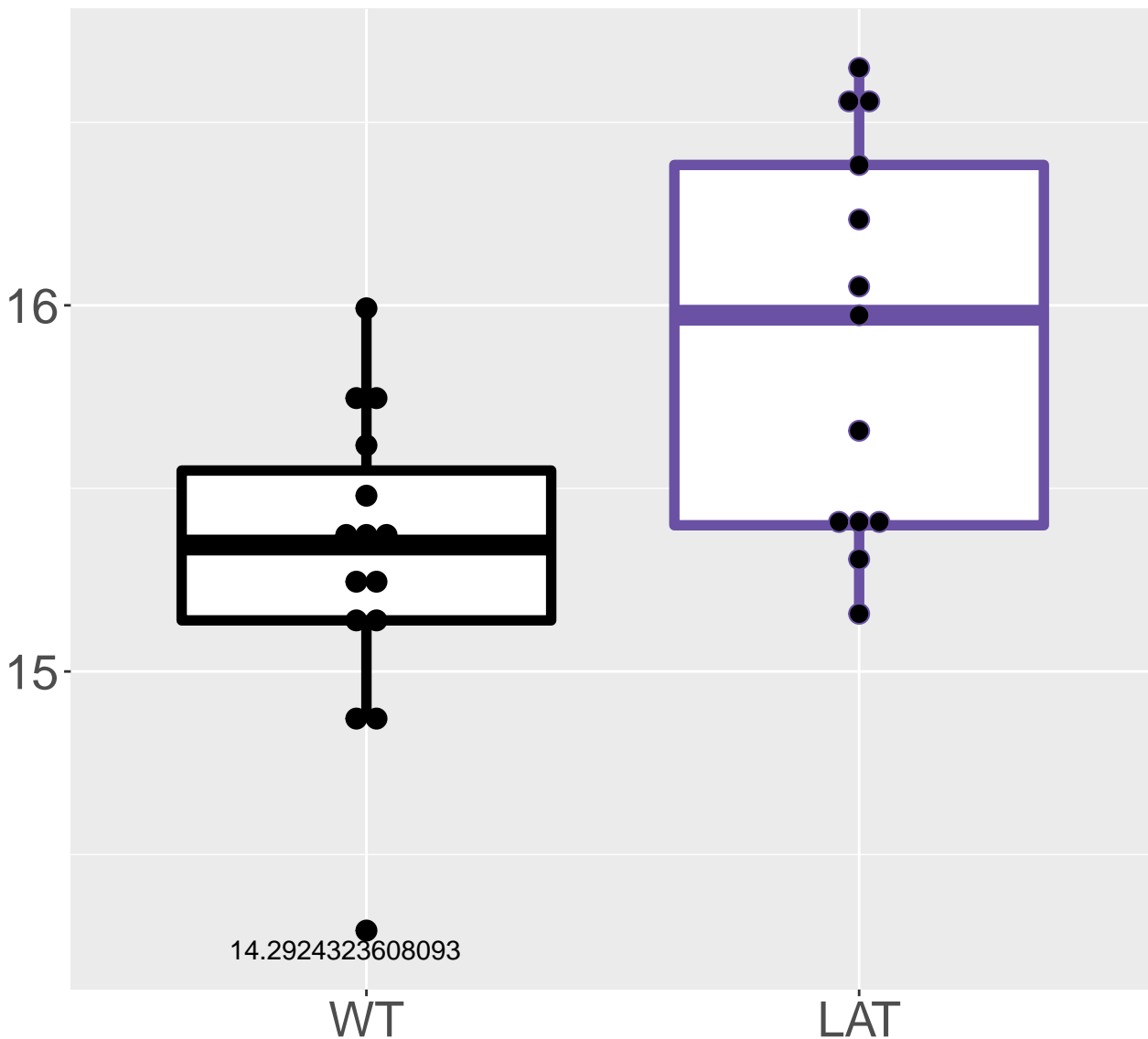


M379.1726T185.52

FDR = 0.014, FC = -1.4

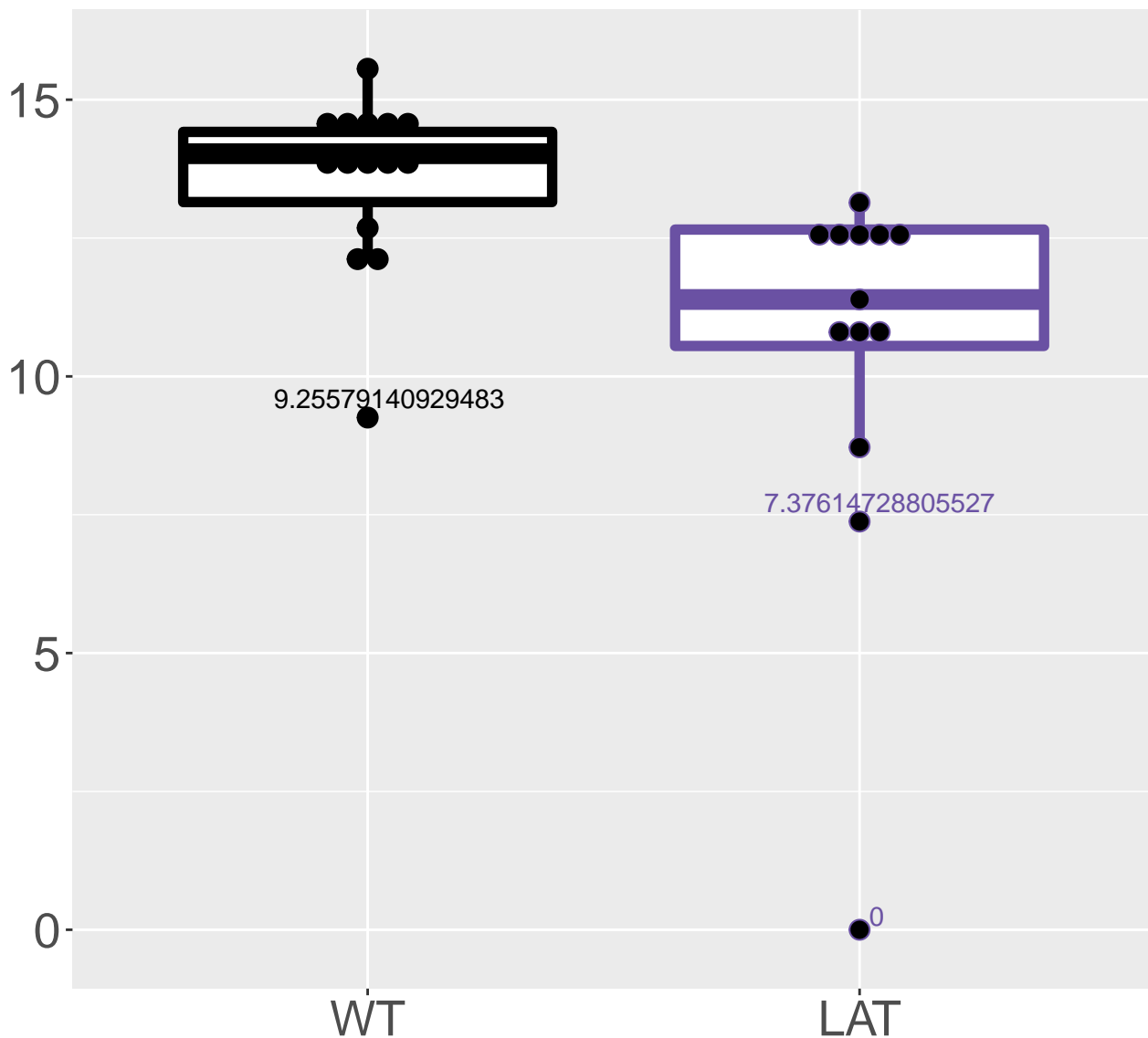


M162.5334T589.13
FDR = 0.014, FC = 0.6



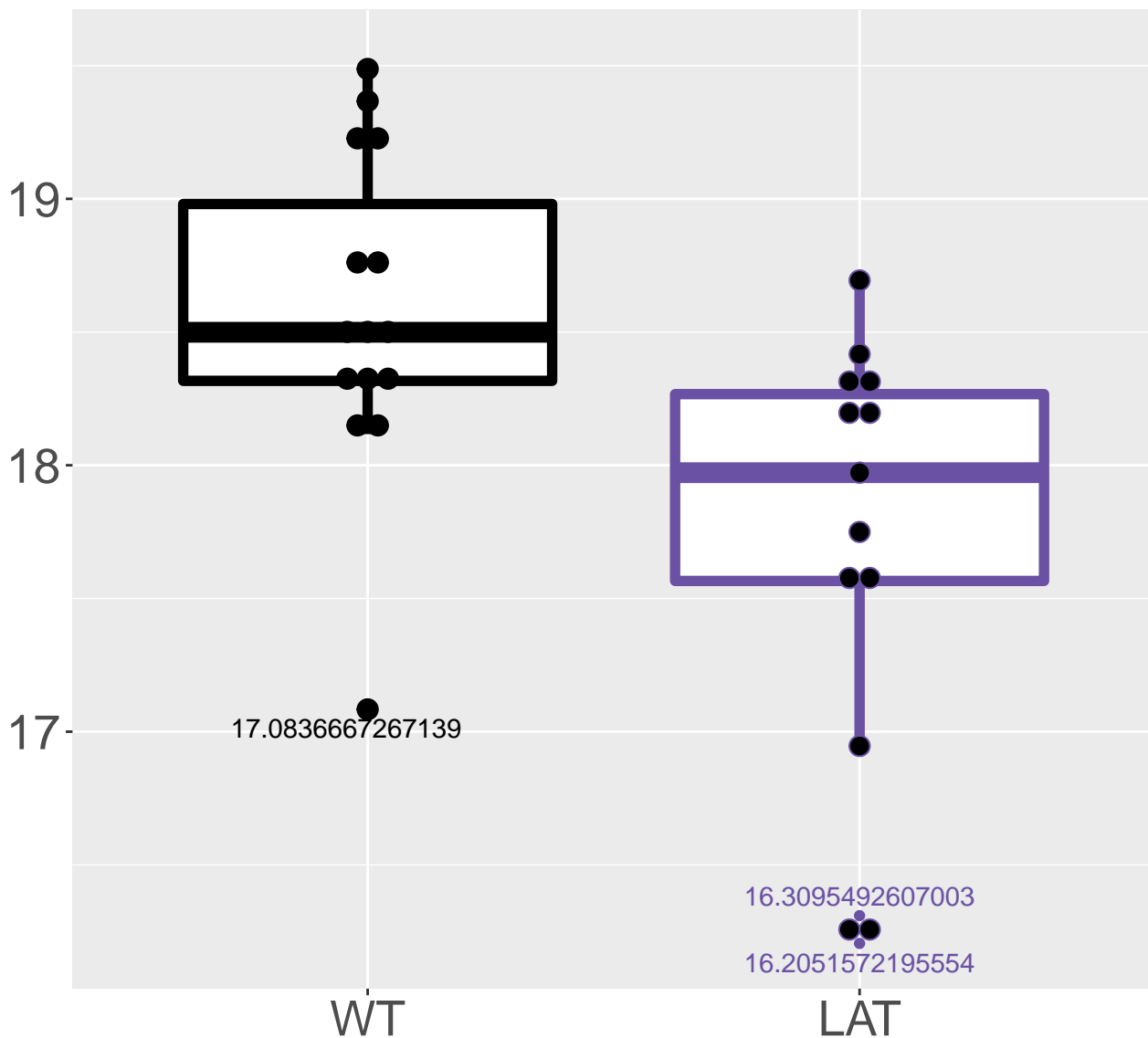
M445.1945T164.63

FDR = 0.014, FC = -3.1



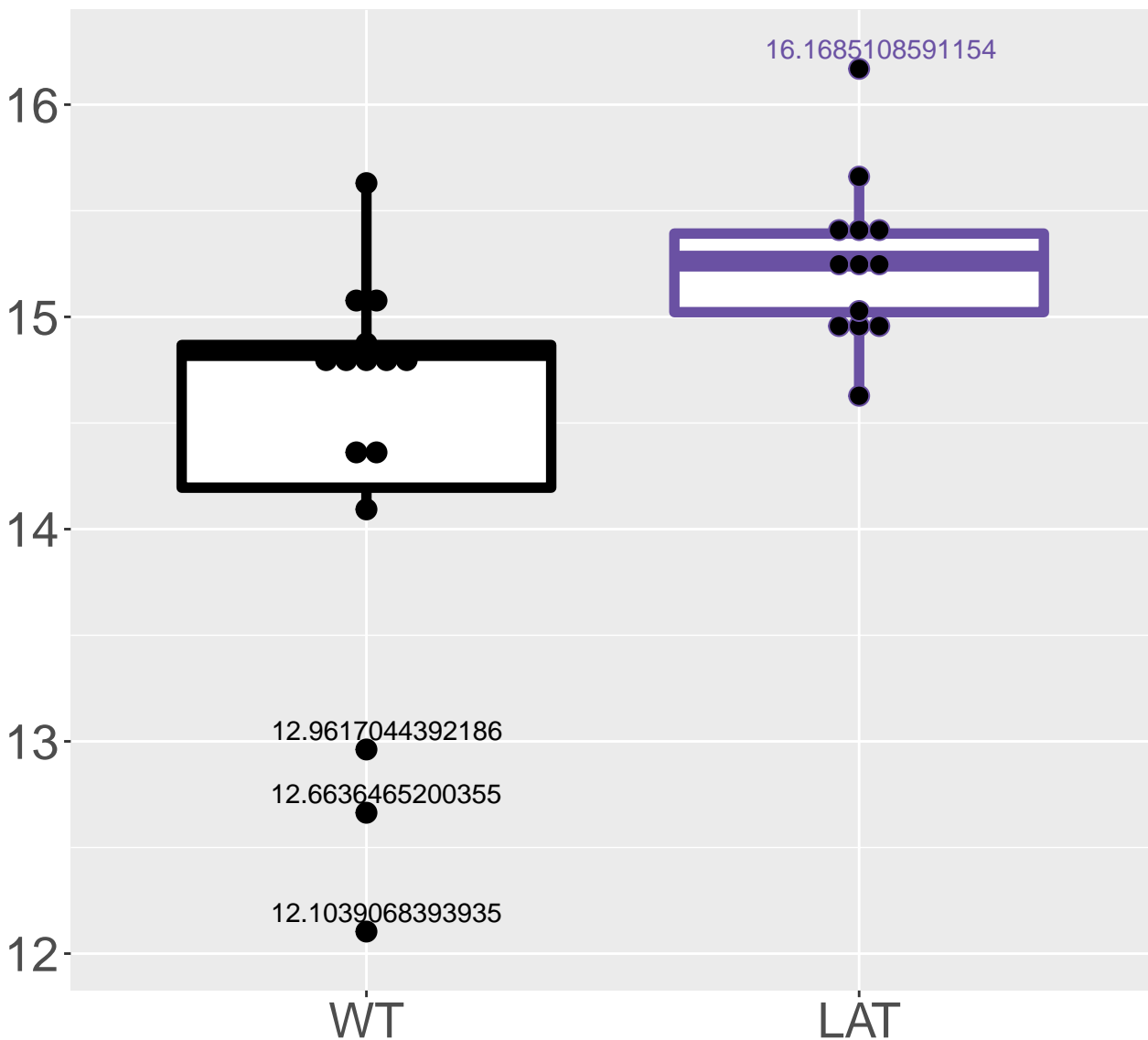
M98.0248T531.53

FDR = 0.014, FC = -0.85



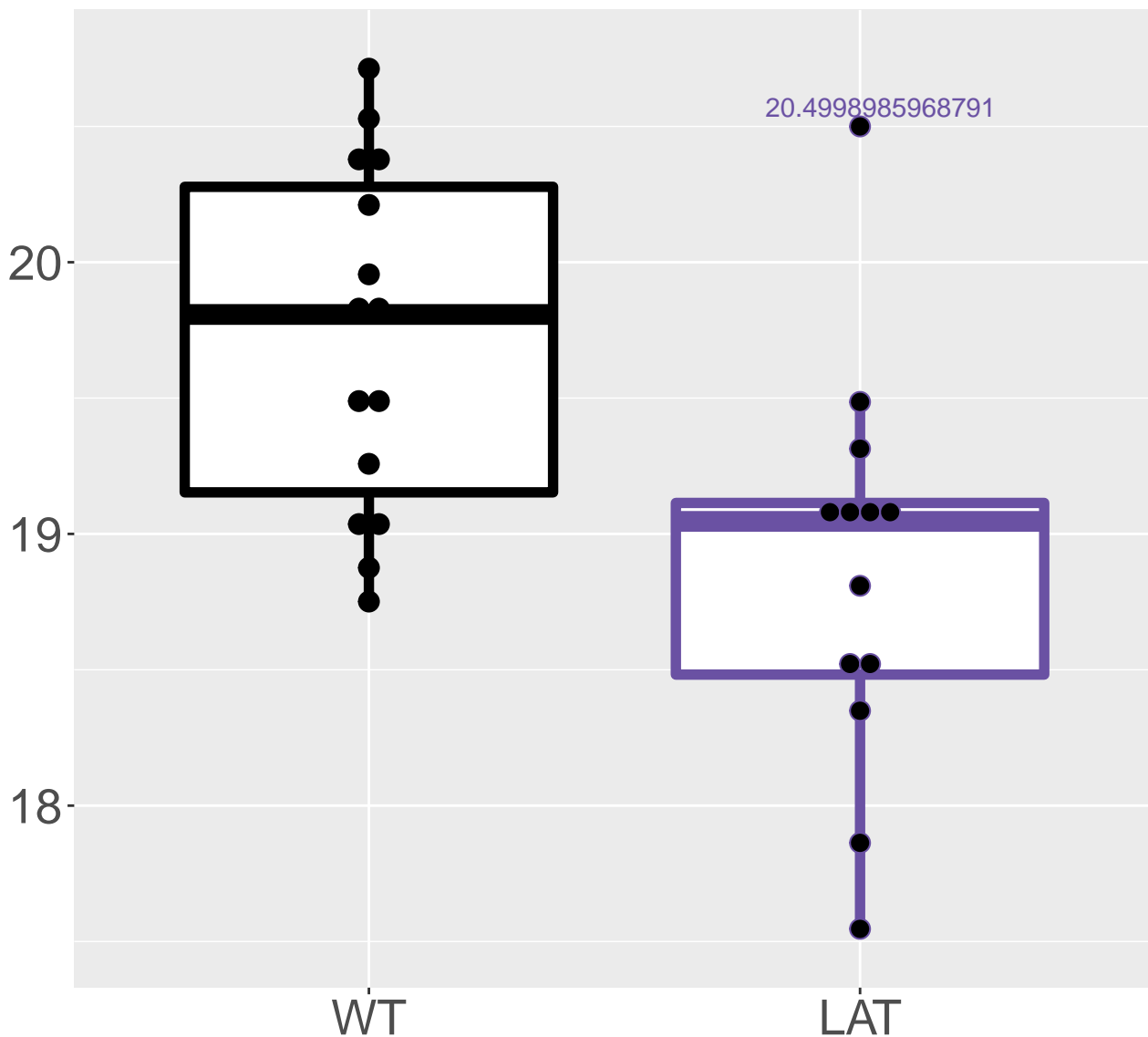
M566.1237T541.81

FDR = 0.014, FC = 0.9



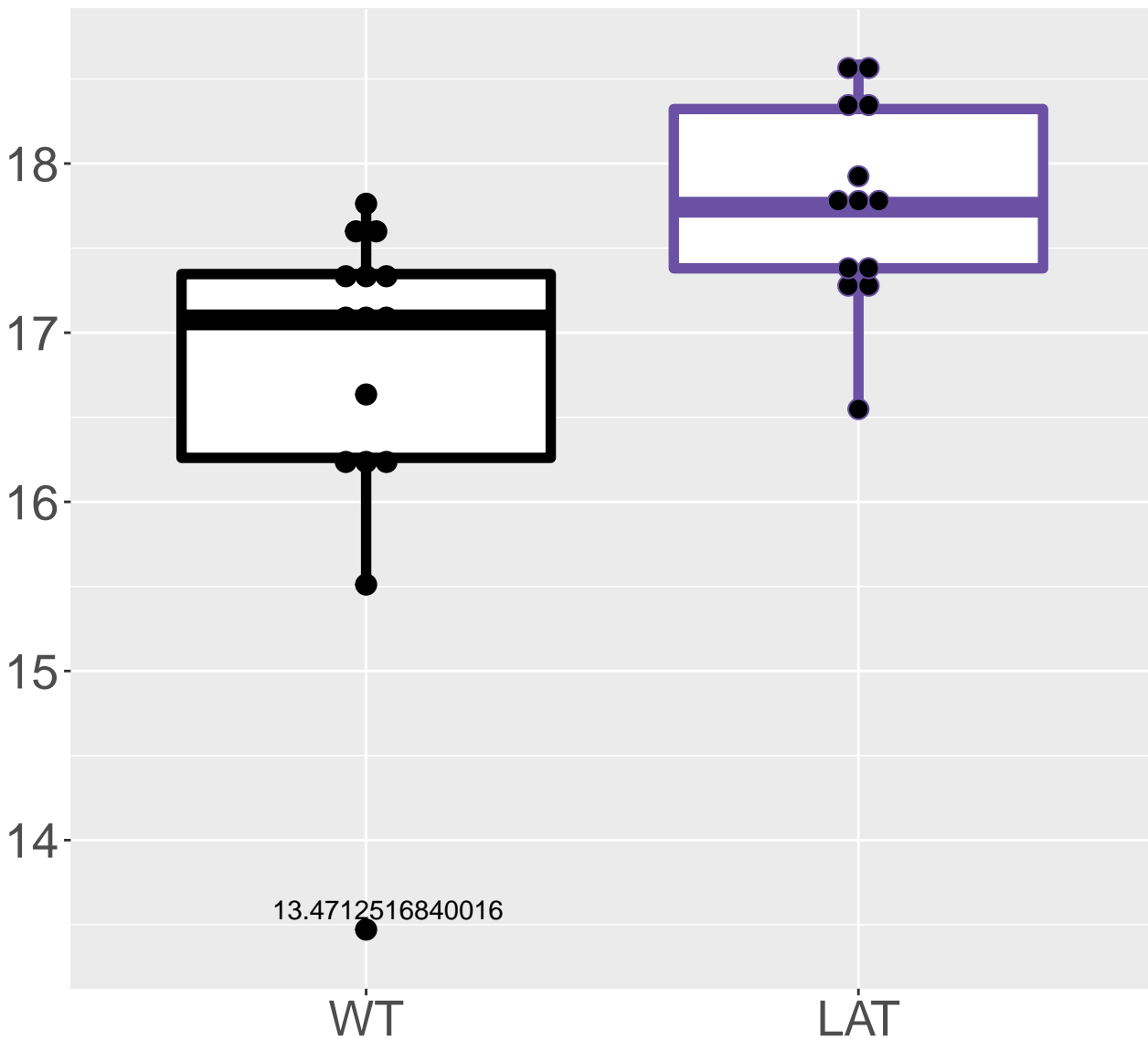
M233.151T297.09

FDR = 0.014, FC = -0.85



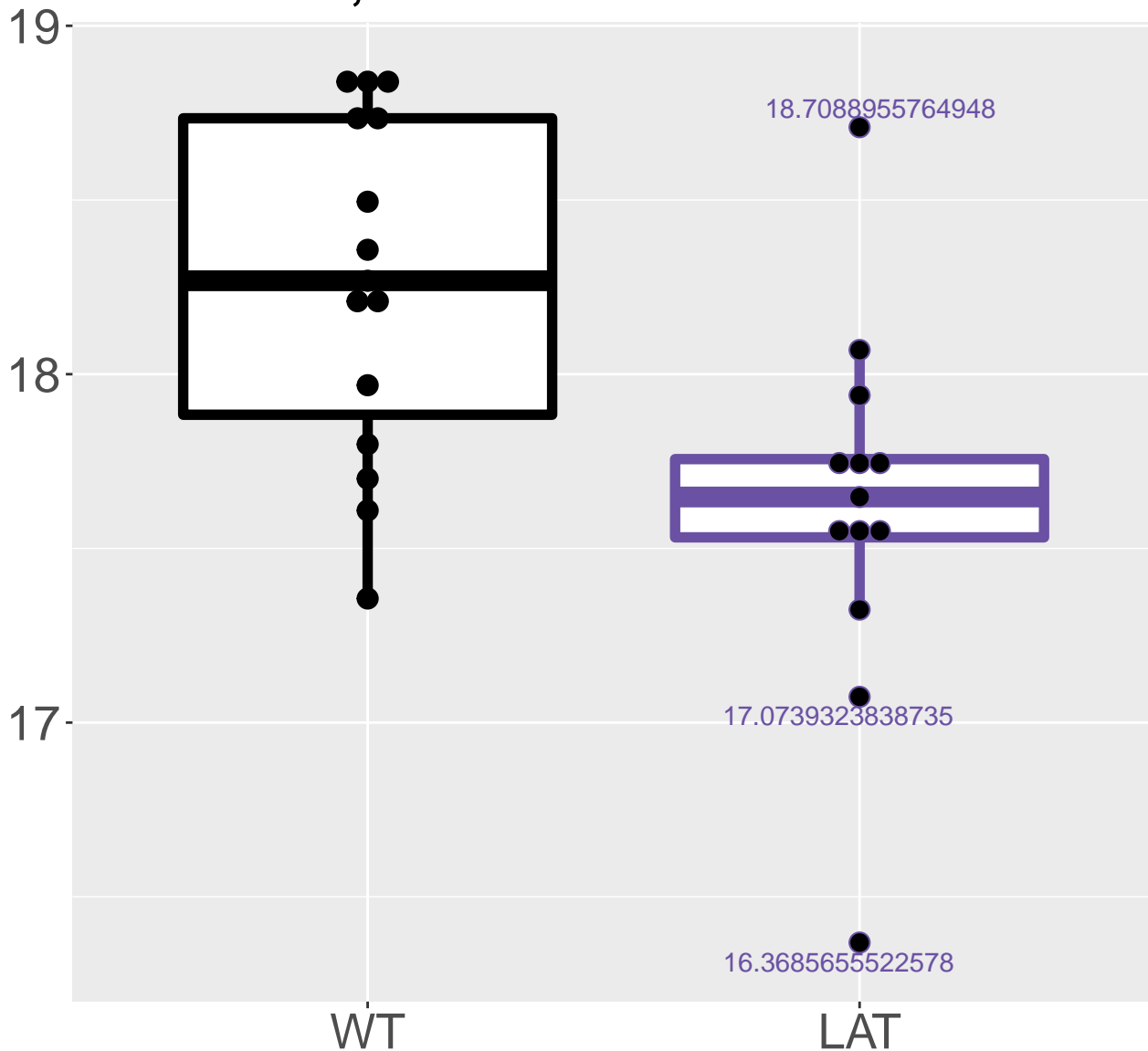
M276.5582T604.14_1

FDR = 0.014, FC = 1.1



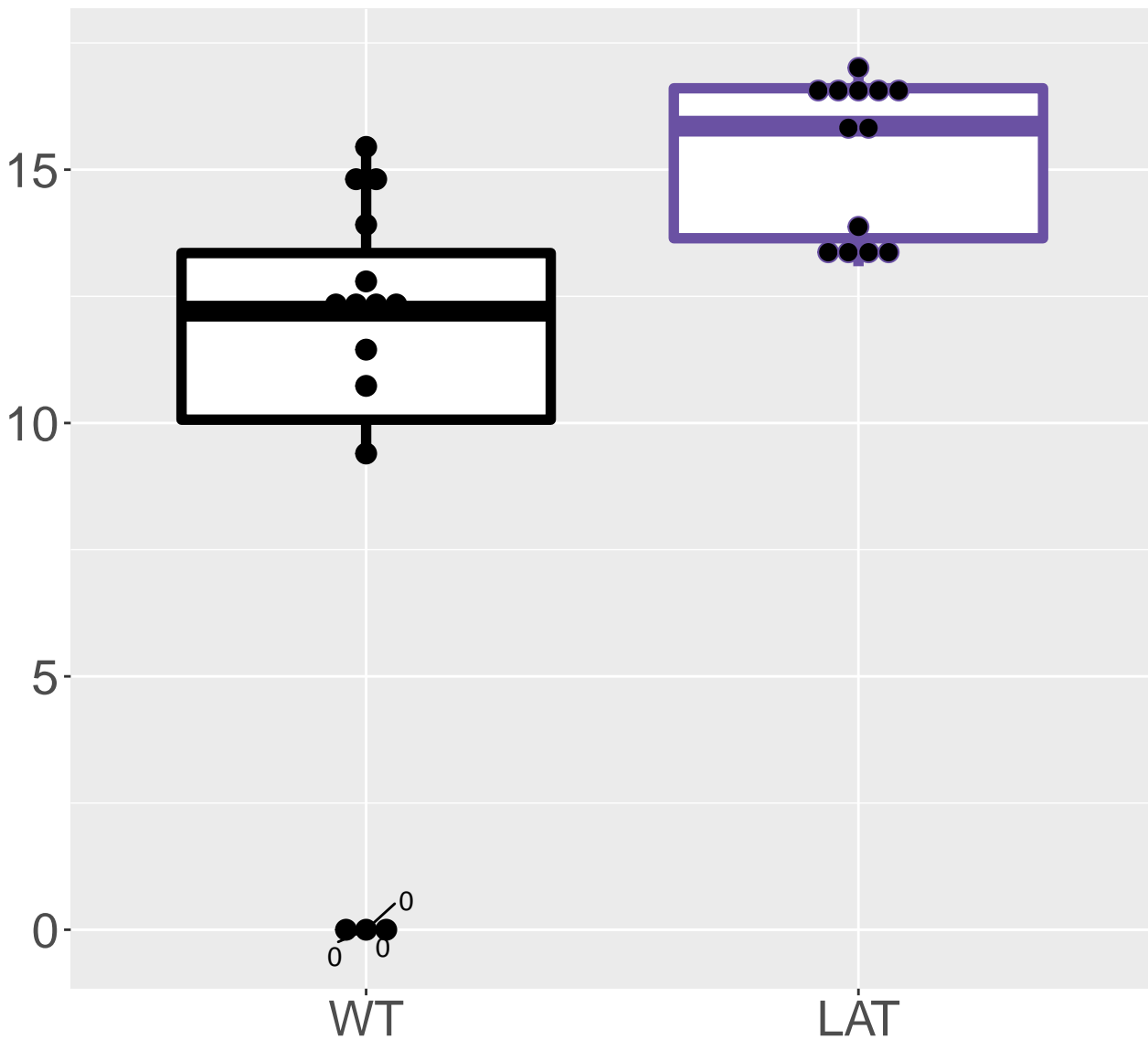
M629.1754T621.22

FDR = 0.014, FC = -0.65



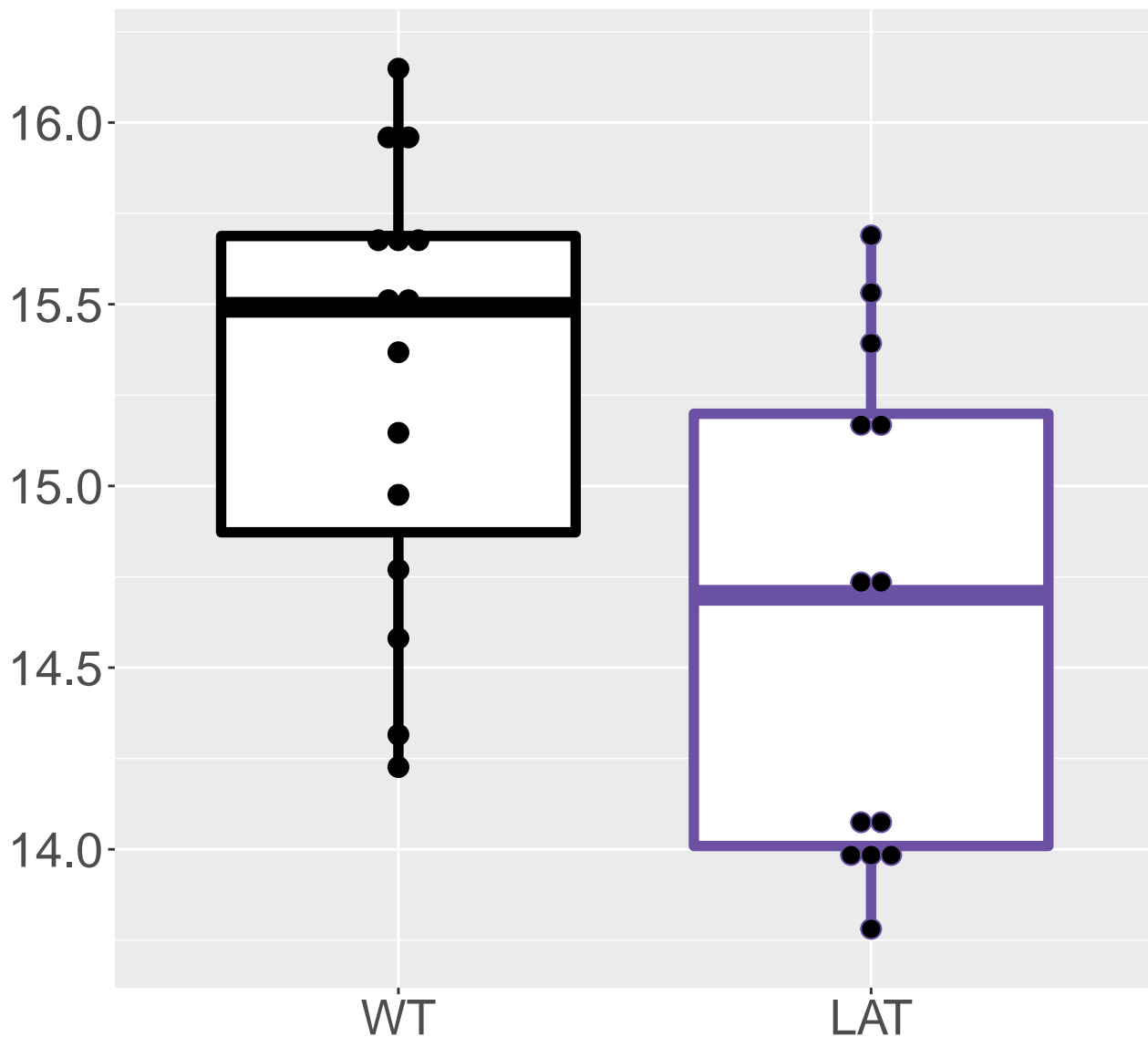
M754.1945T527.93

FDR = 0.014, FC = 5.1

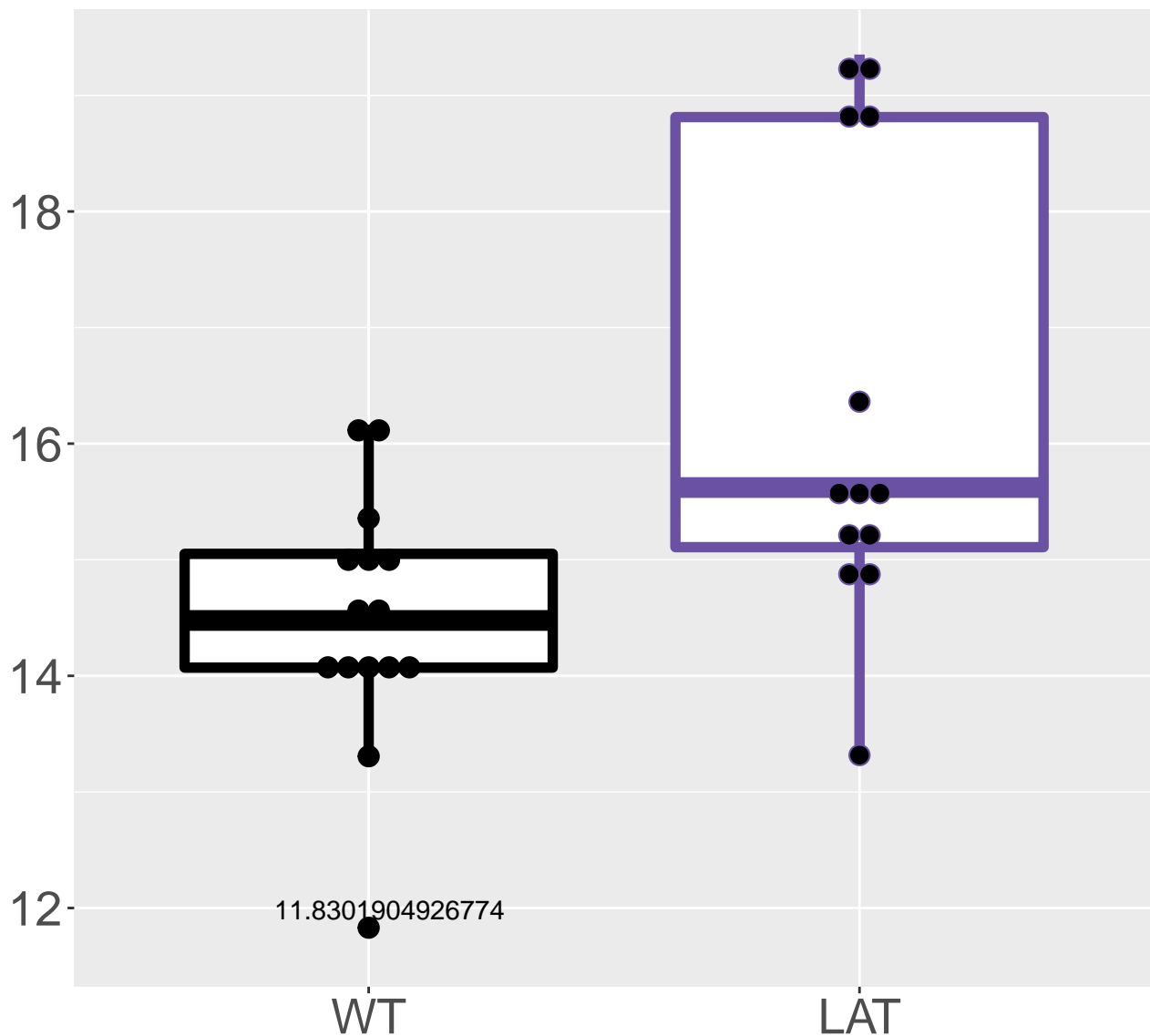


M644.1816T567.48

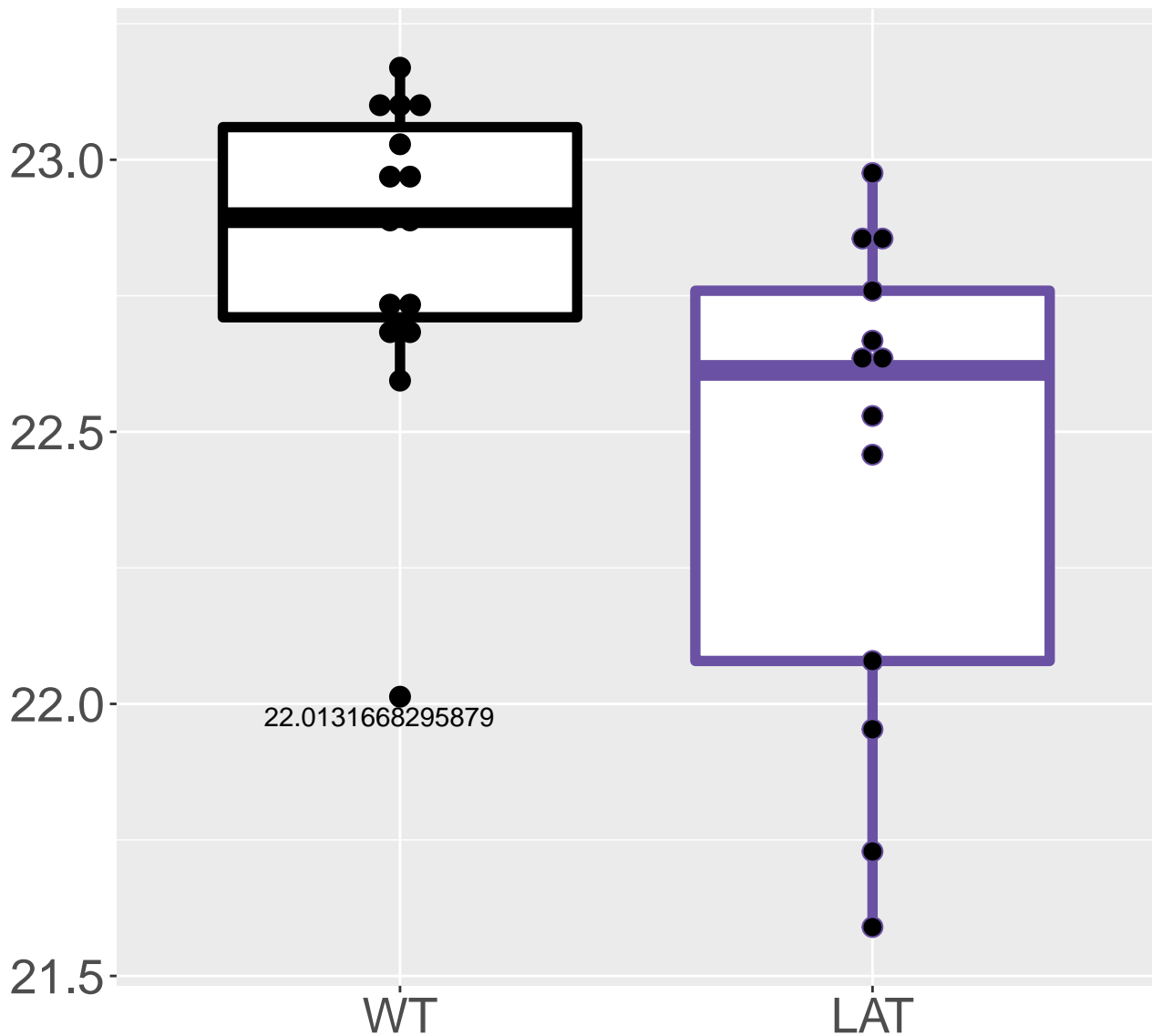
FDR = 0.015, FC = -0.66, sex**



\hat{I}_{\pm} -D-Glucose 1,6-bisphosphate|D-myo-Inositol
FDR = 0.015, FC = 1.9

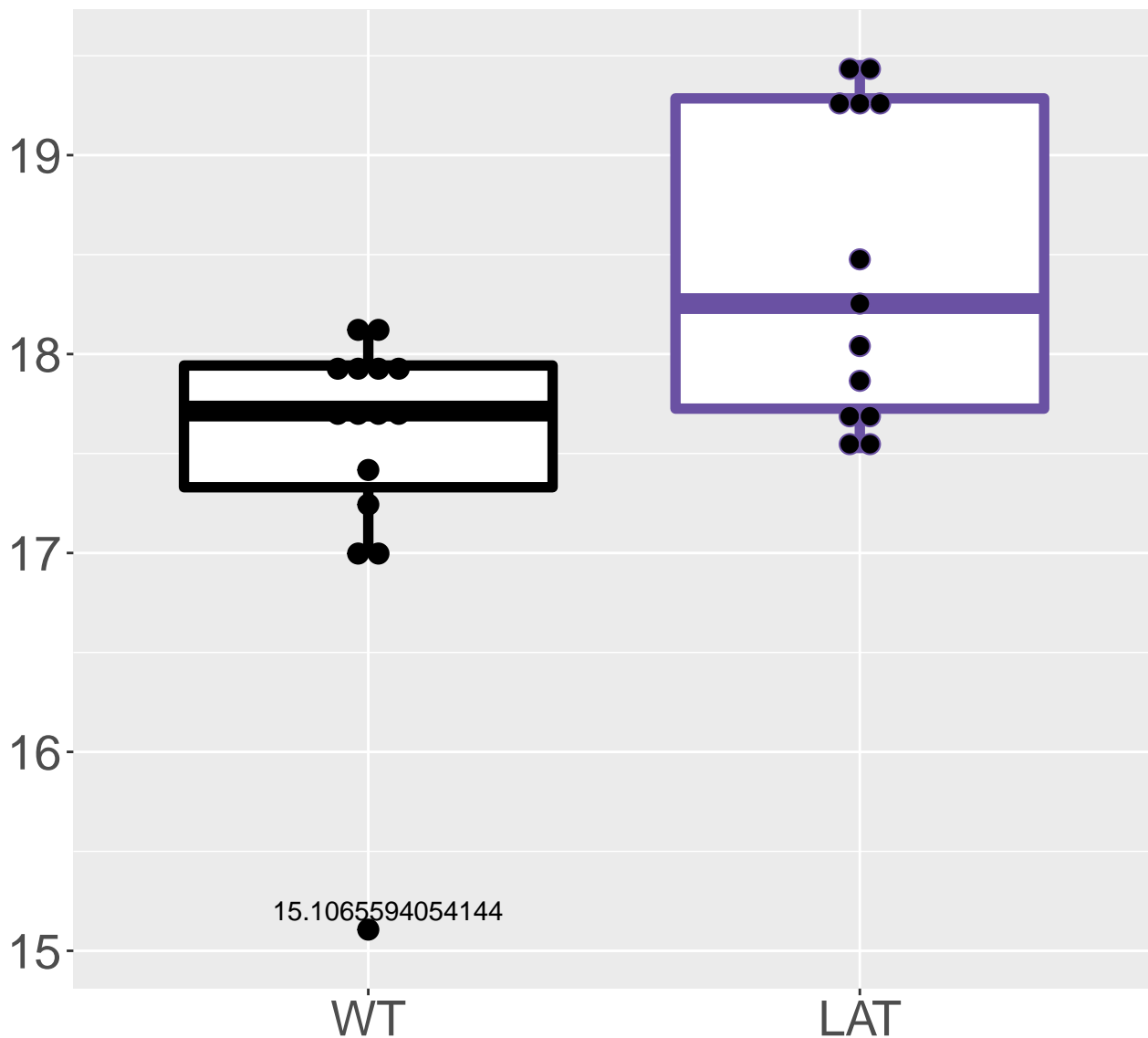


M236.0778T495.06
FDR = 0.015, FC = -0.4



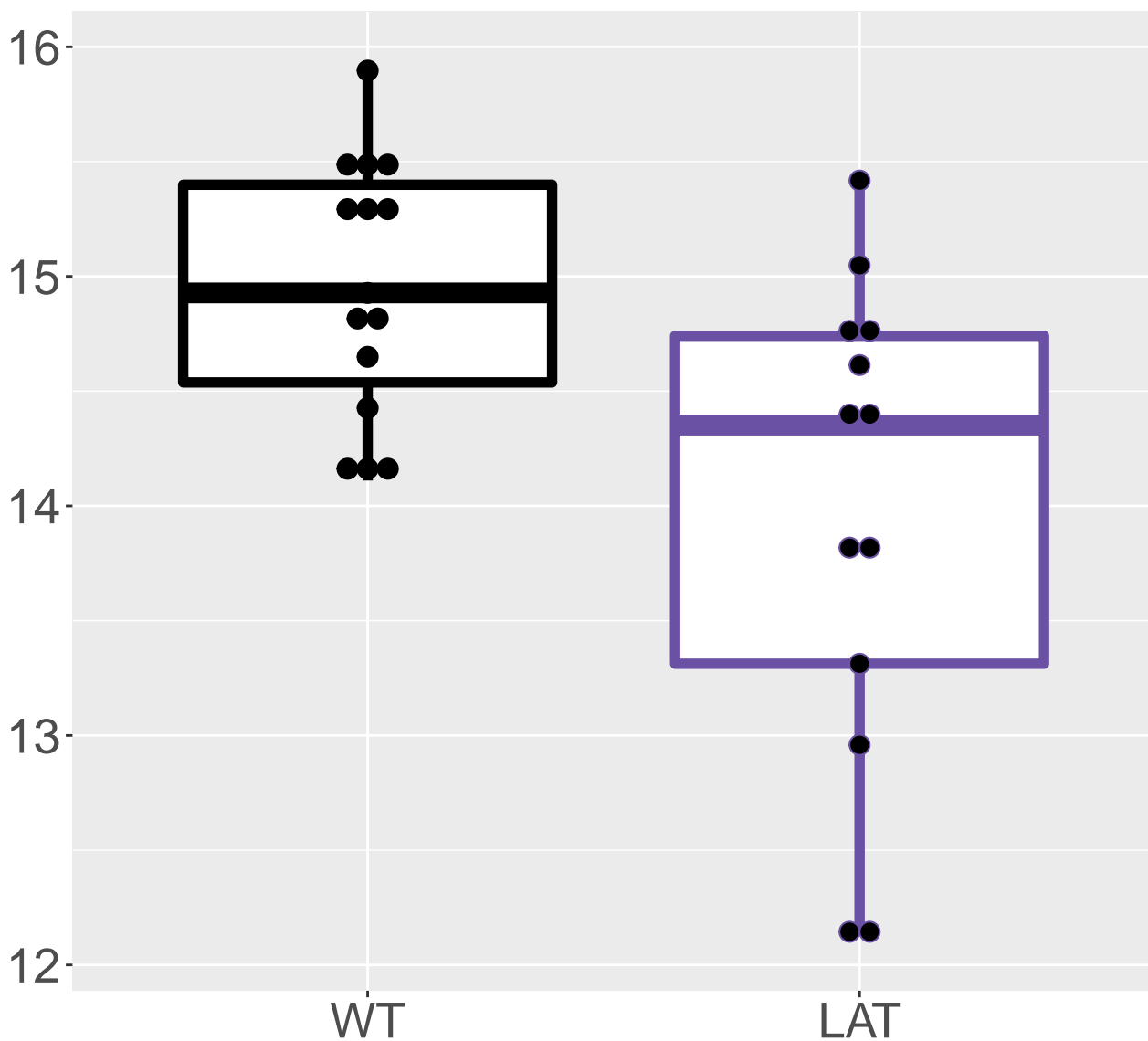
M419.0916T390.83

FDR = 0.015, FC = 0.94

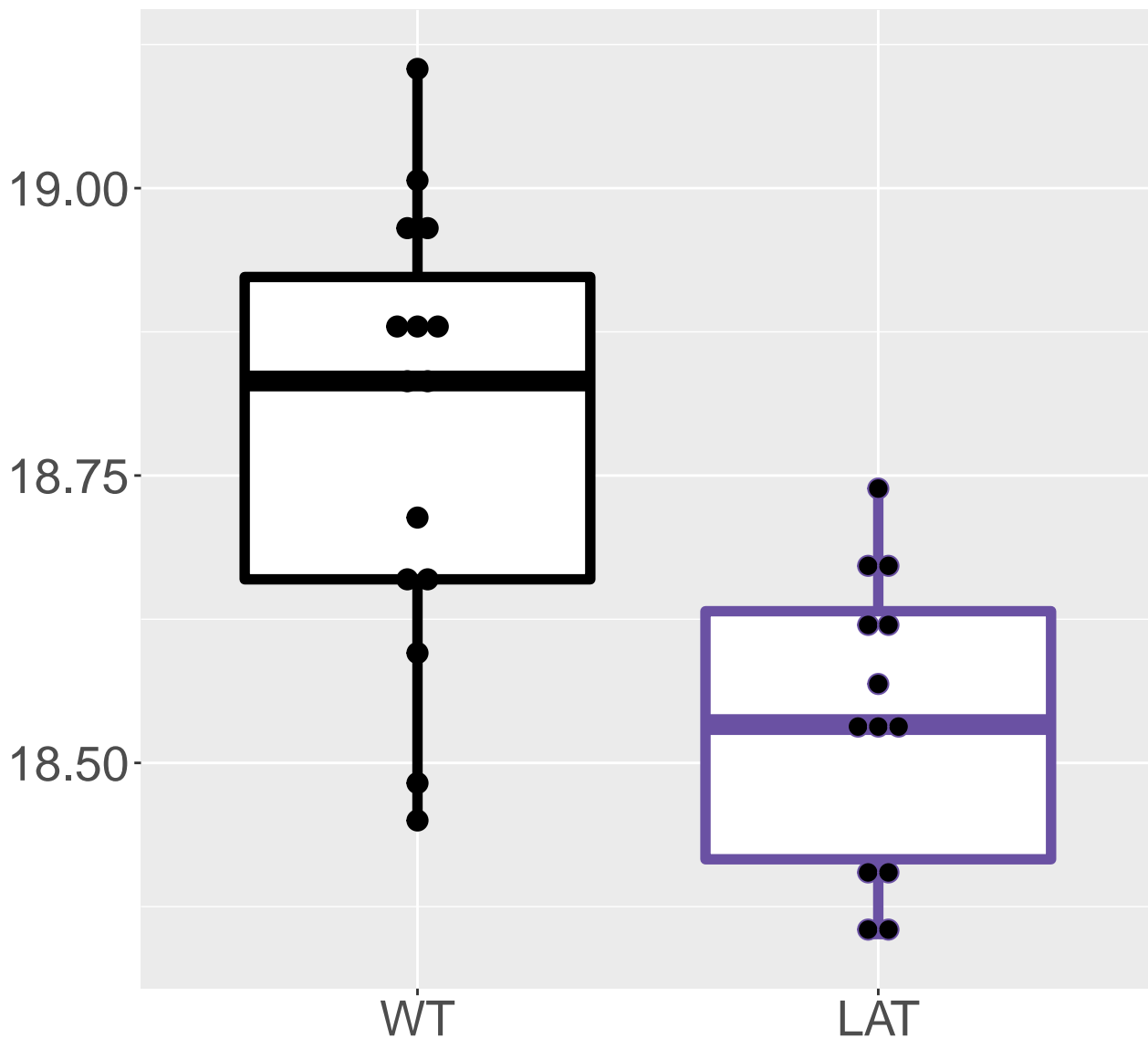


M262.0936T397.02

FDR = 0.015, FC = -0.99

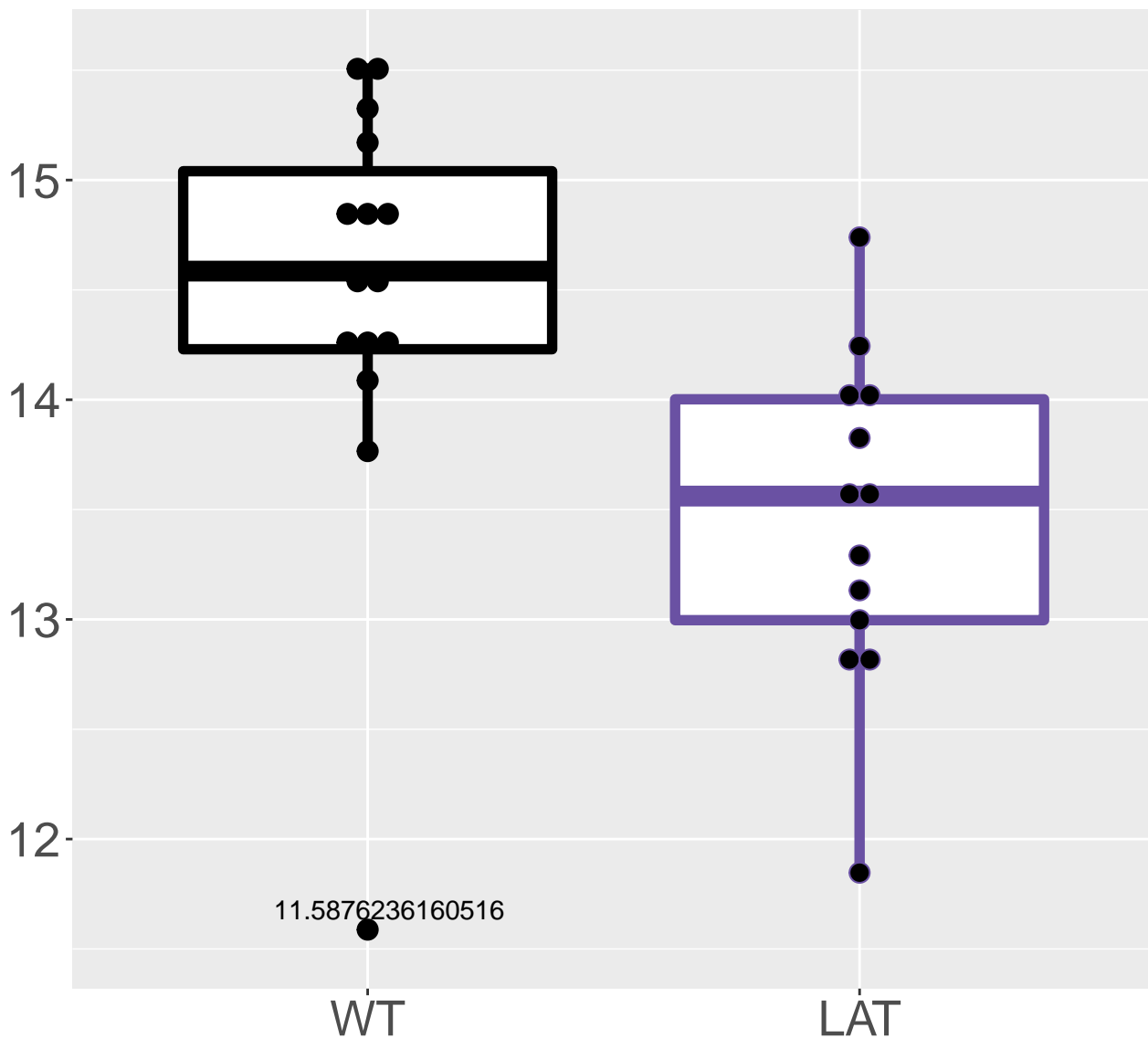


M137.0105T373.83
FDR = 0.015, FC = -0.25

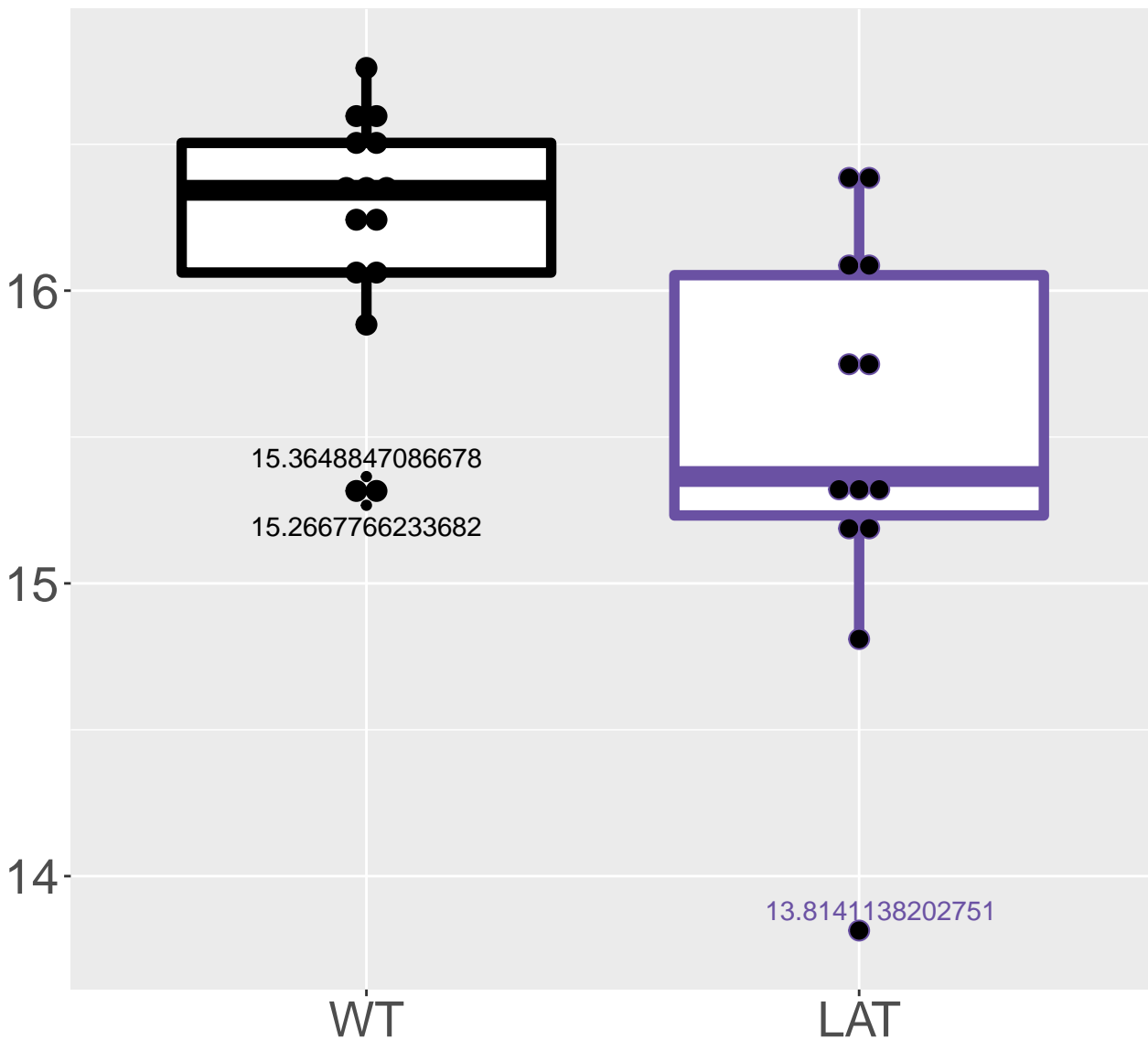


M318.118T325.14

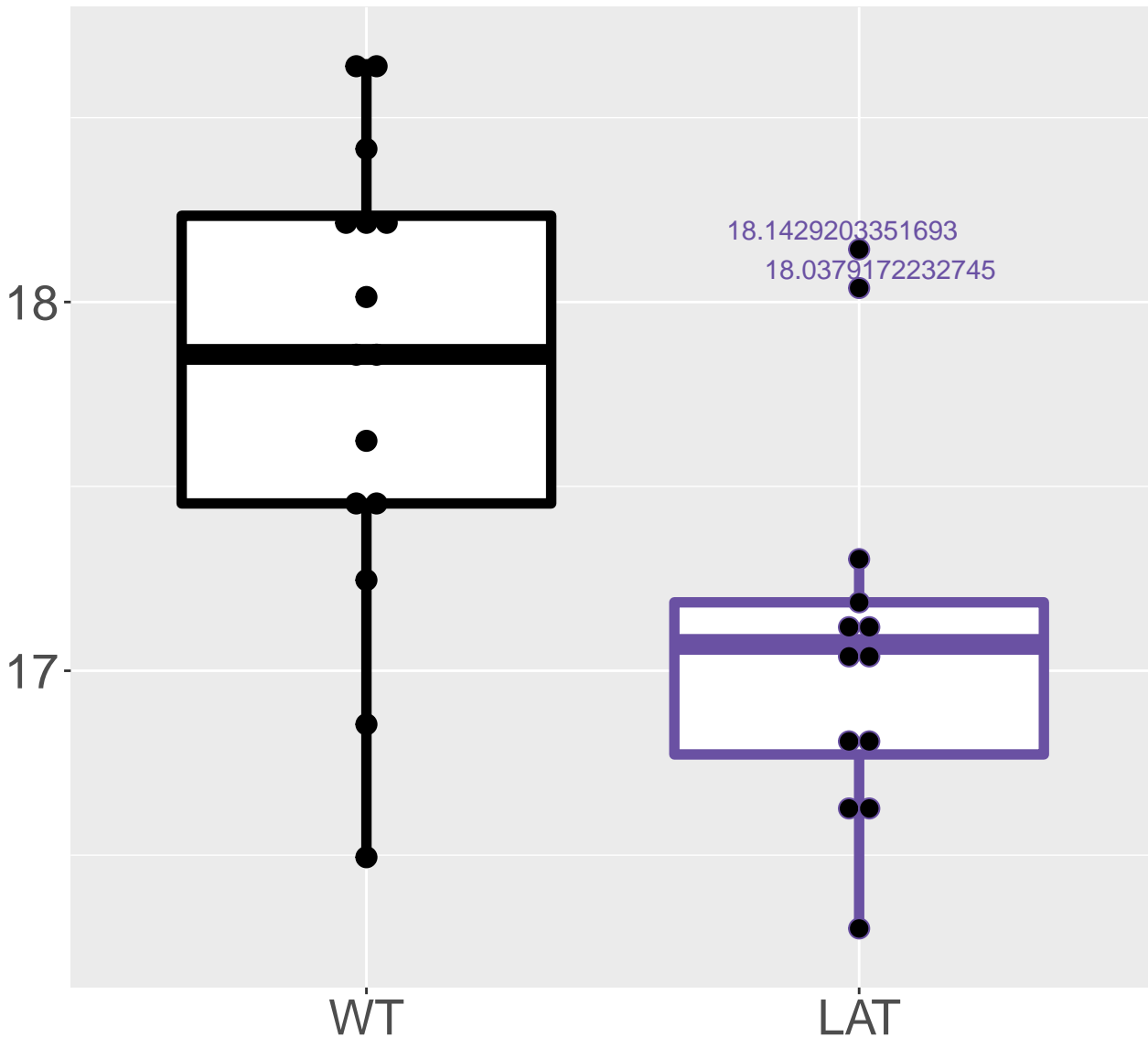
FDR = 0.015, FC = -1



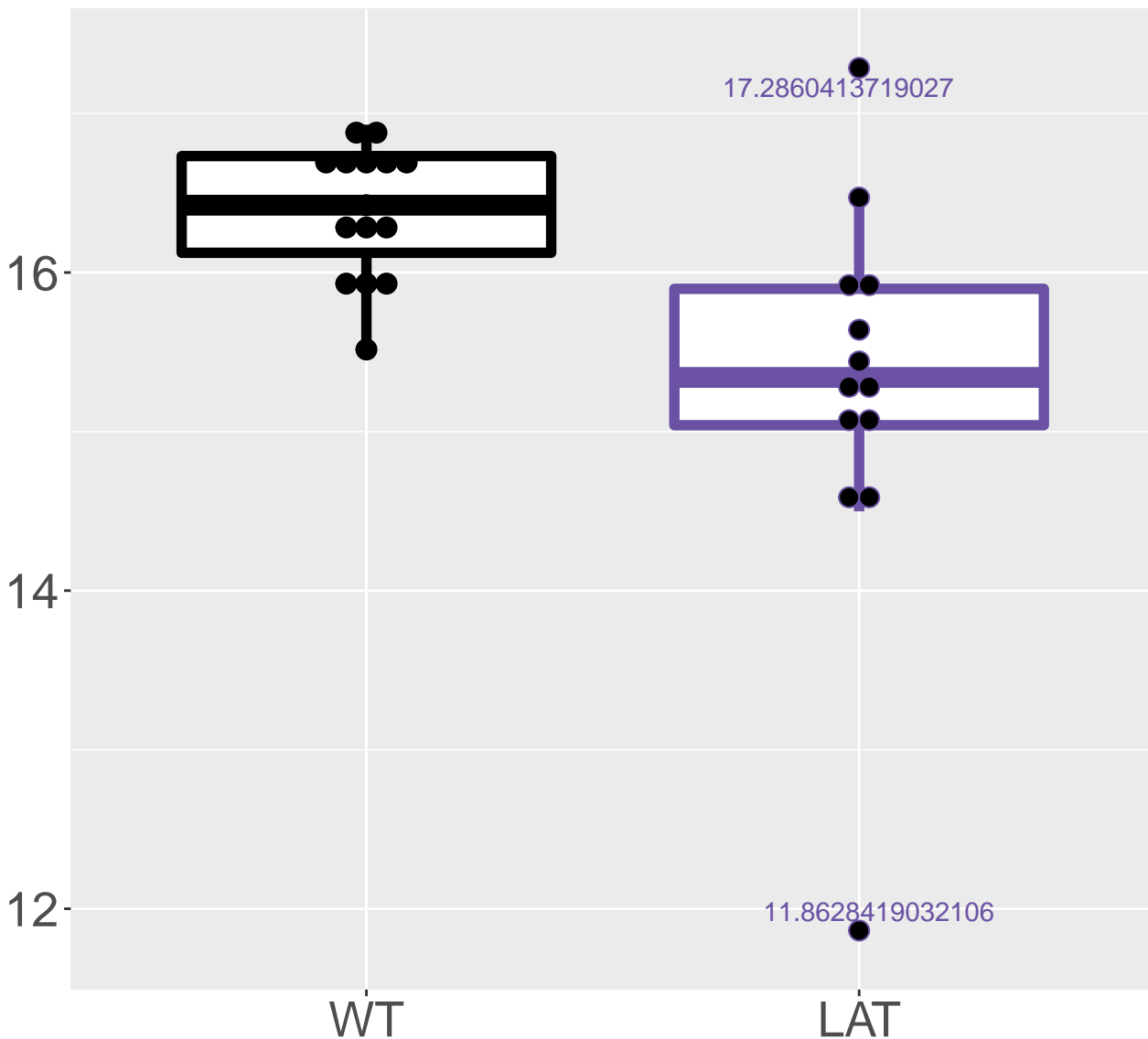
M310.1151T322.81
FDR = 0.016, FC = -0.72



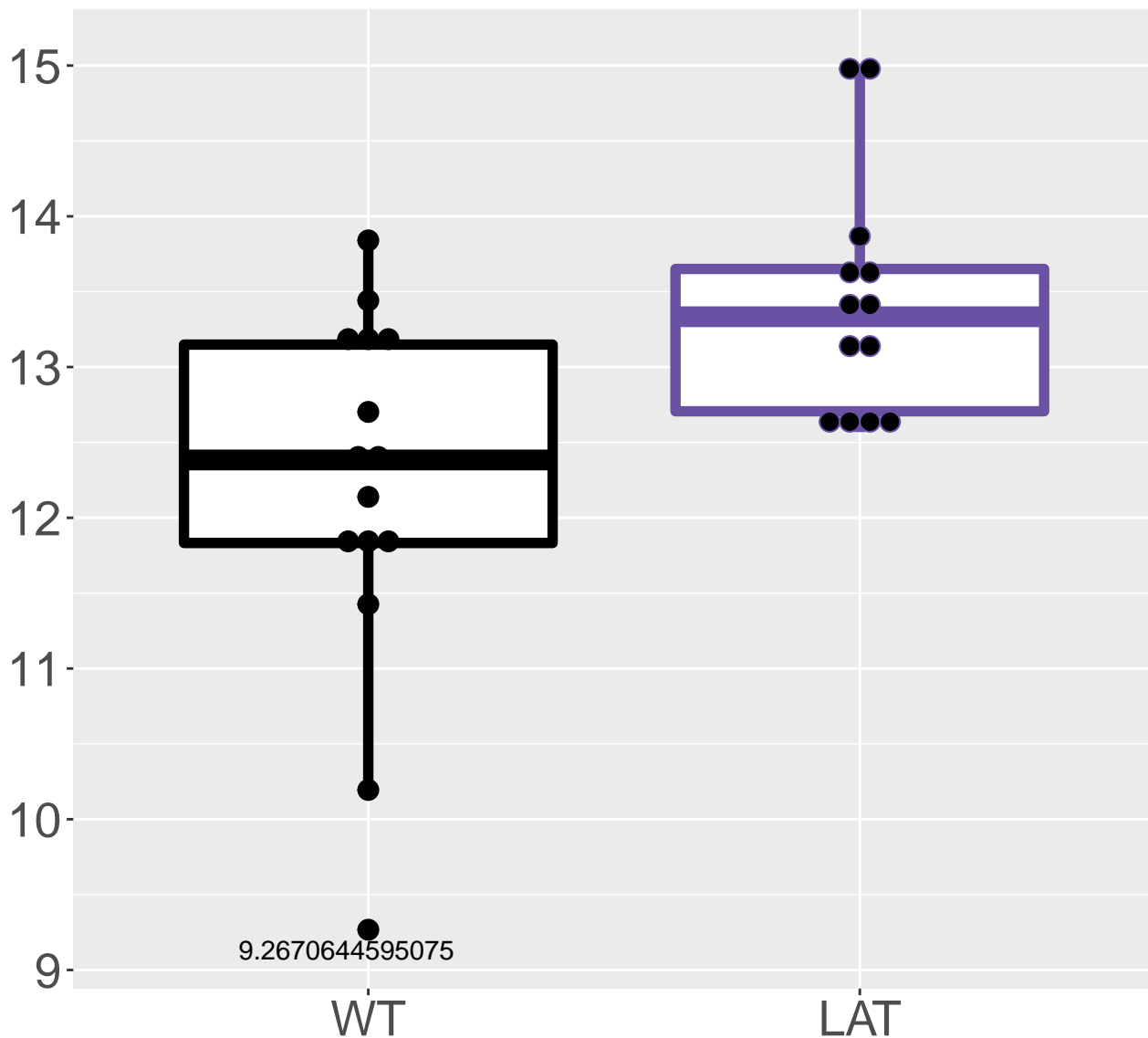
o-Toluic acid;2-Methylbenzoic acid|Phenylacet
FDR = 0.016, FC = -0.72



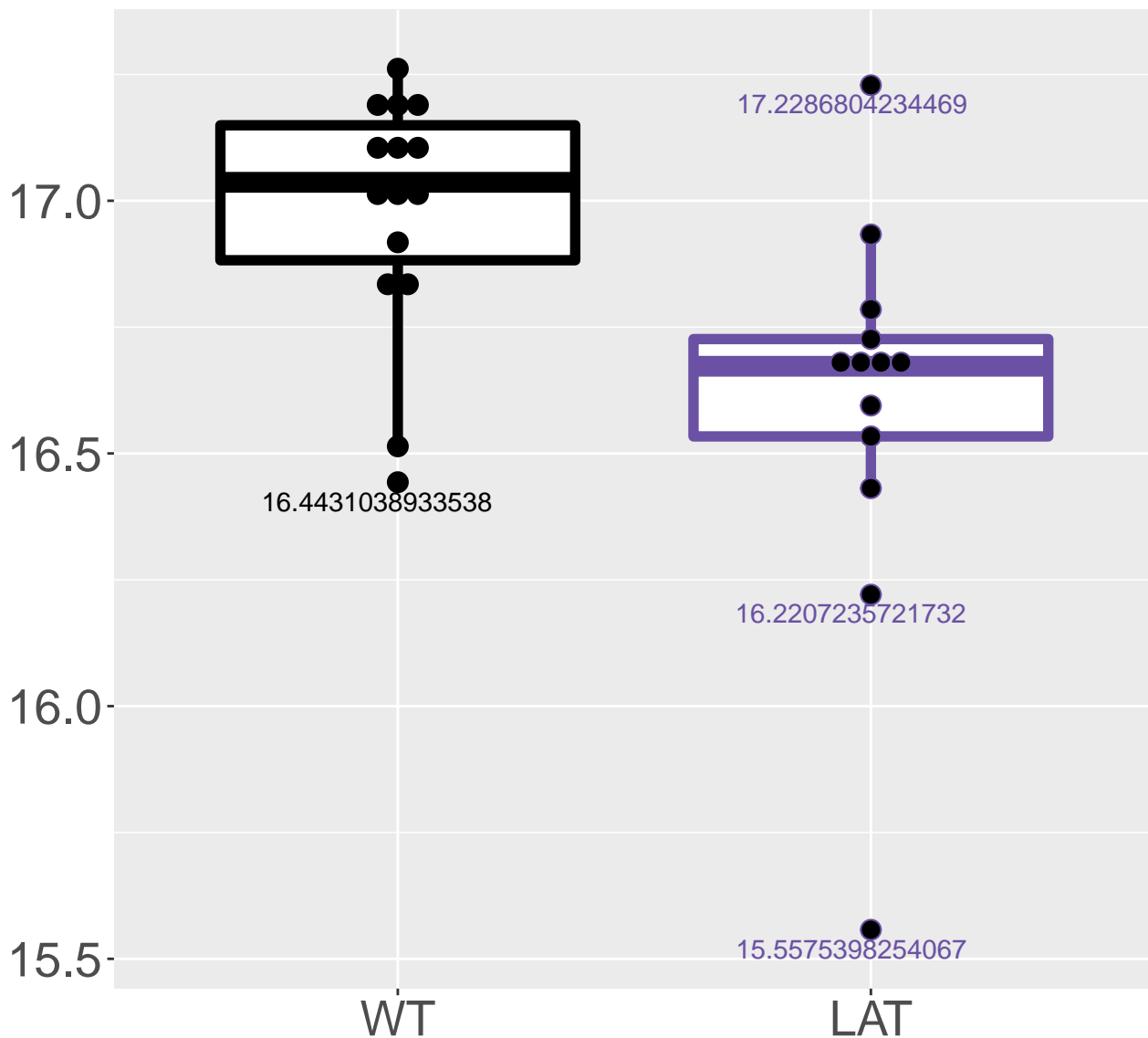
M272.5846T608.1
FDR = 0.016, FC = -1.1



FDR = 0.016, FC = 1.2

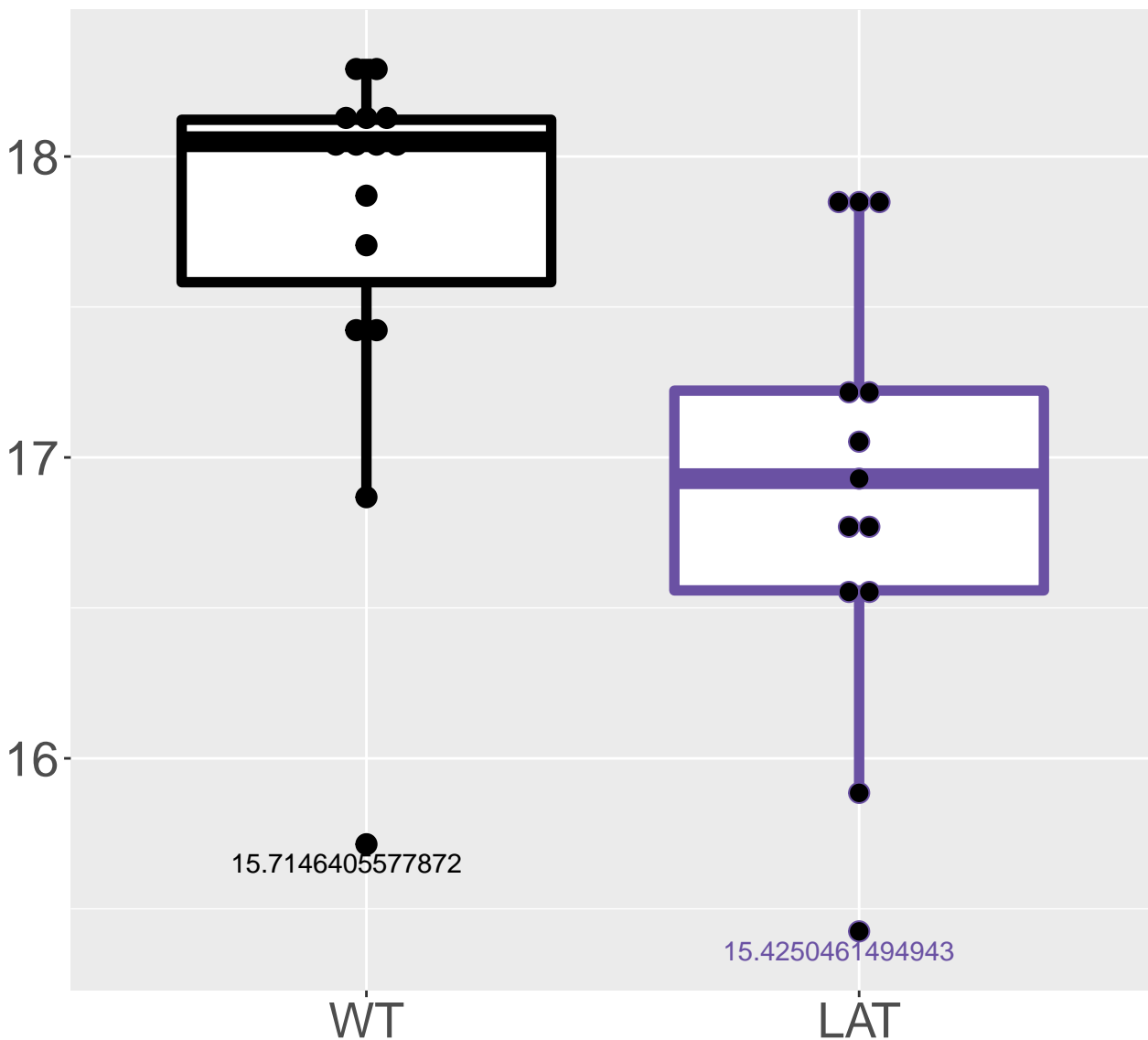


FDR = 0.016, FC = -0.39



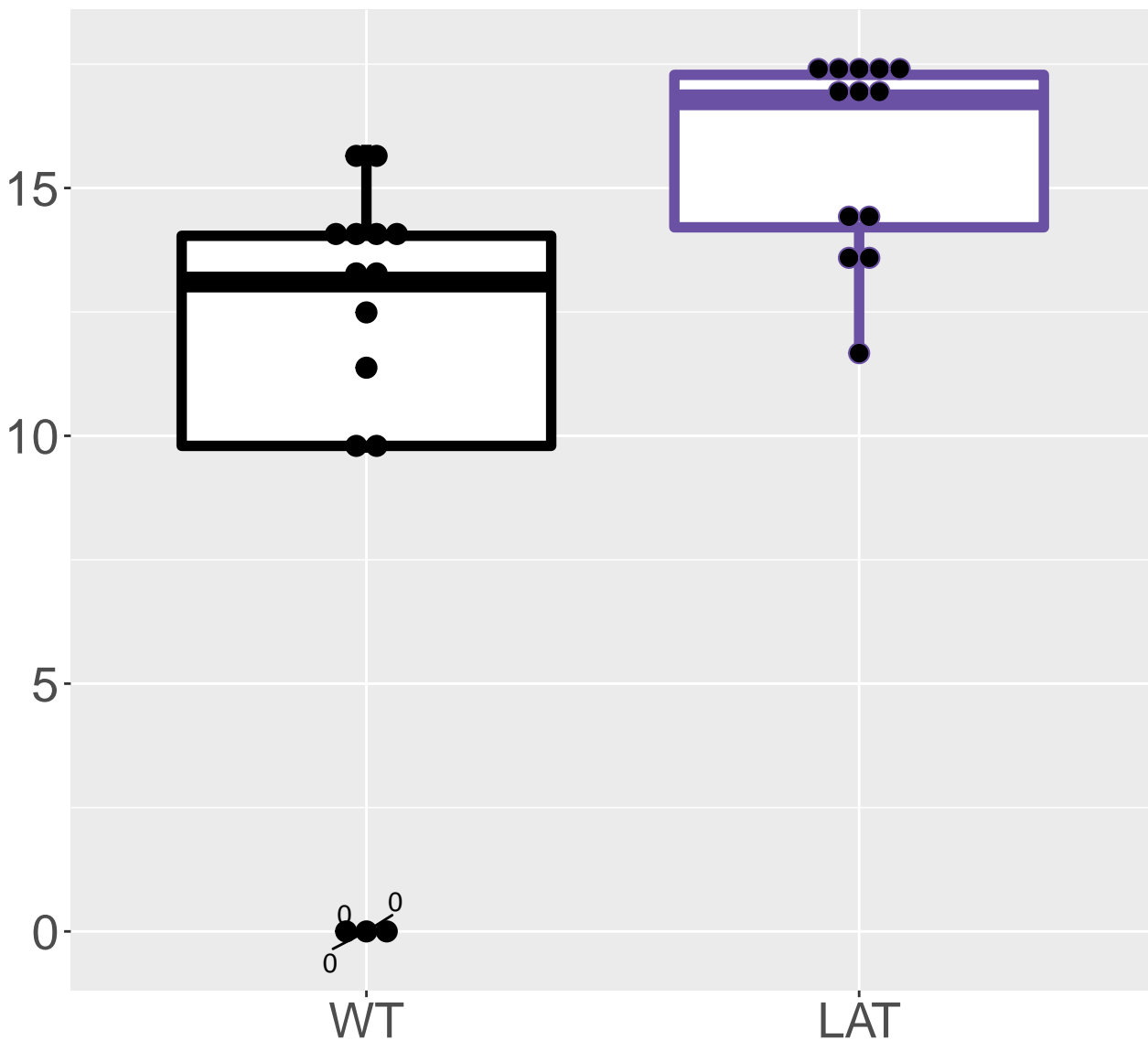
M375.1607T224.36

FDR = 0.016, FC = -0.83

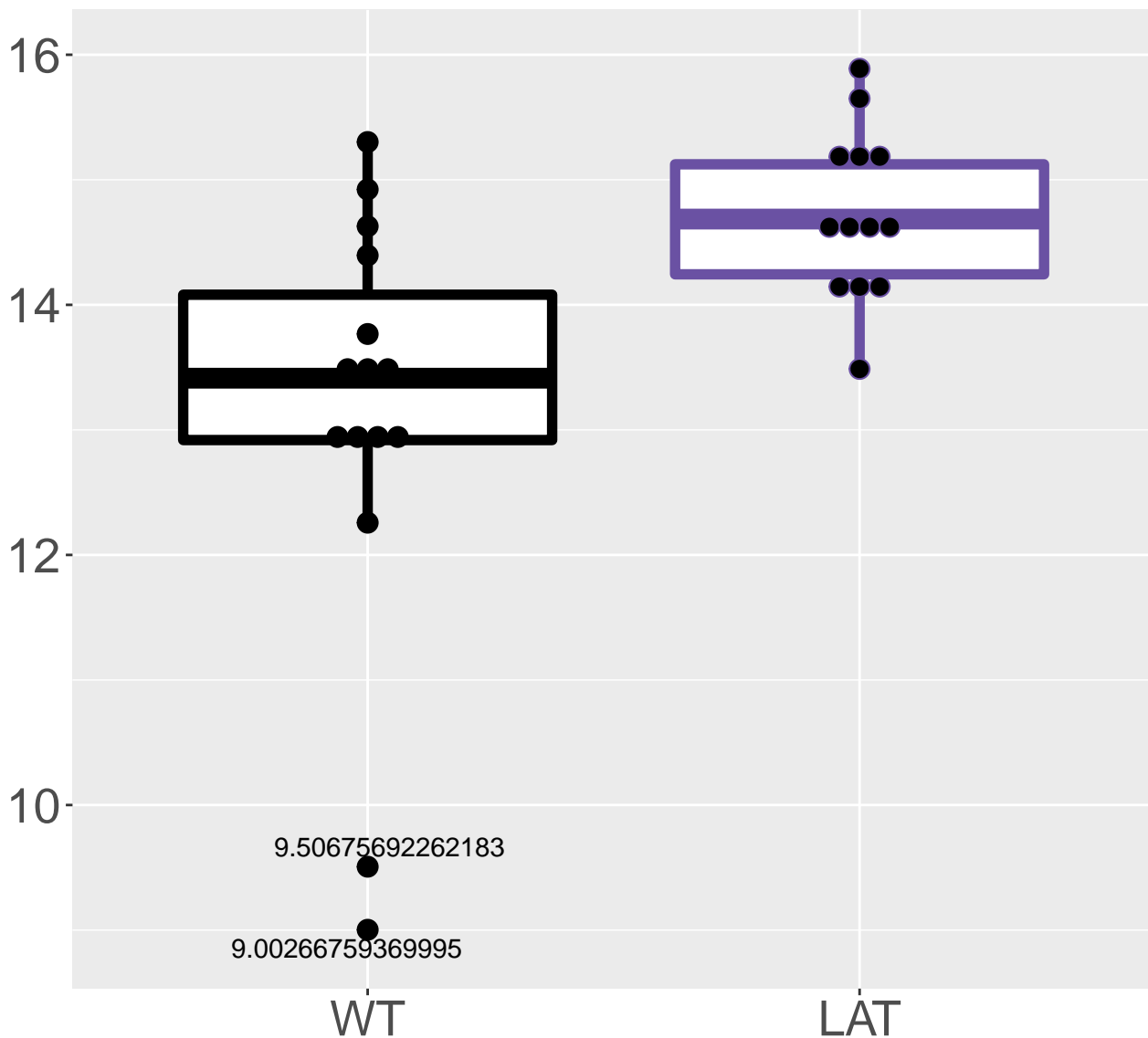


M412.0785T528.17

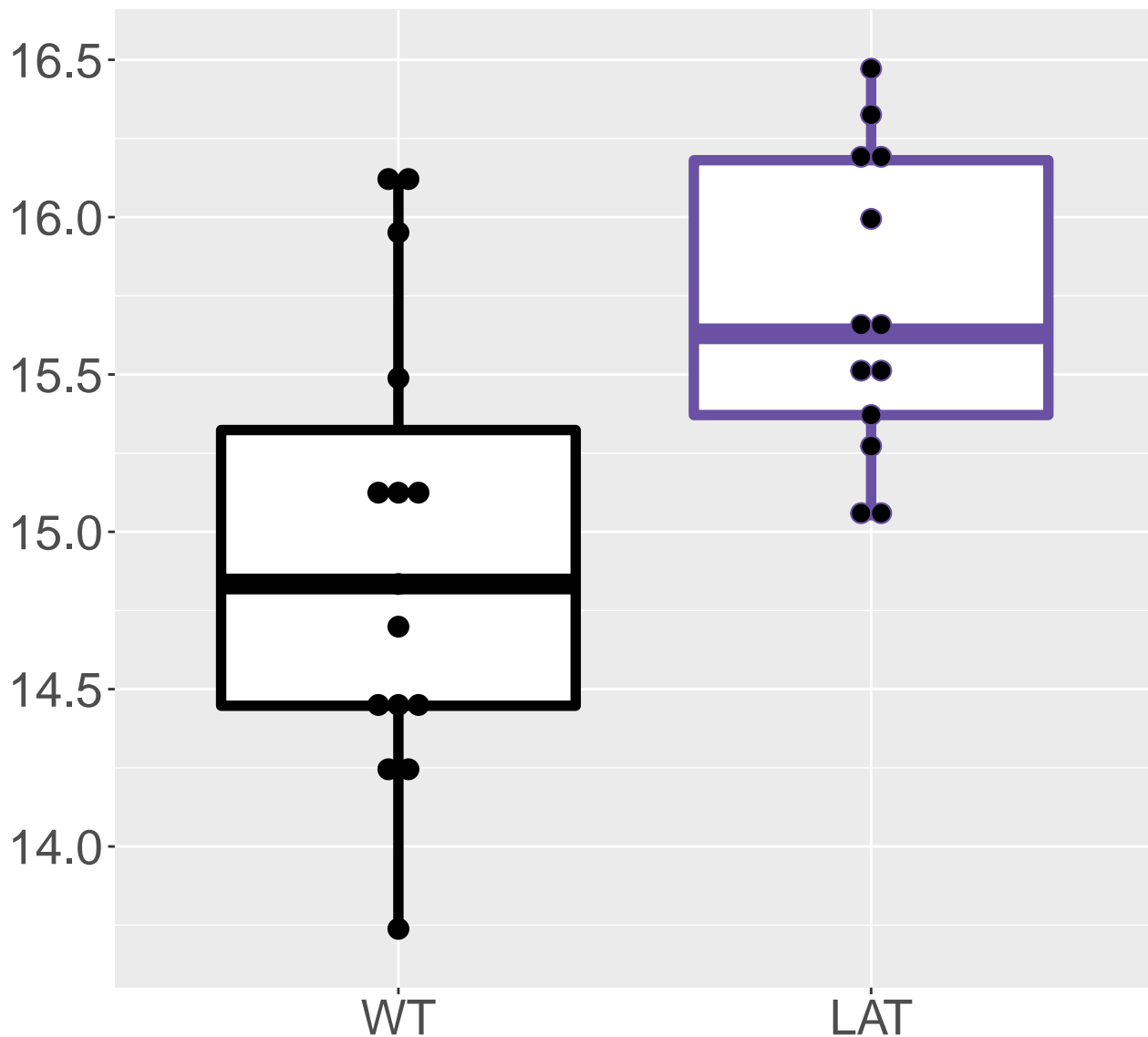
FDR = 0.016, FC = 5.3



M316.0346T583.07
FDR = 0.016, FC = 1.7

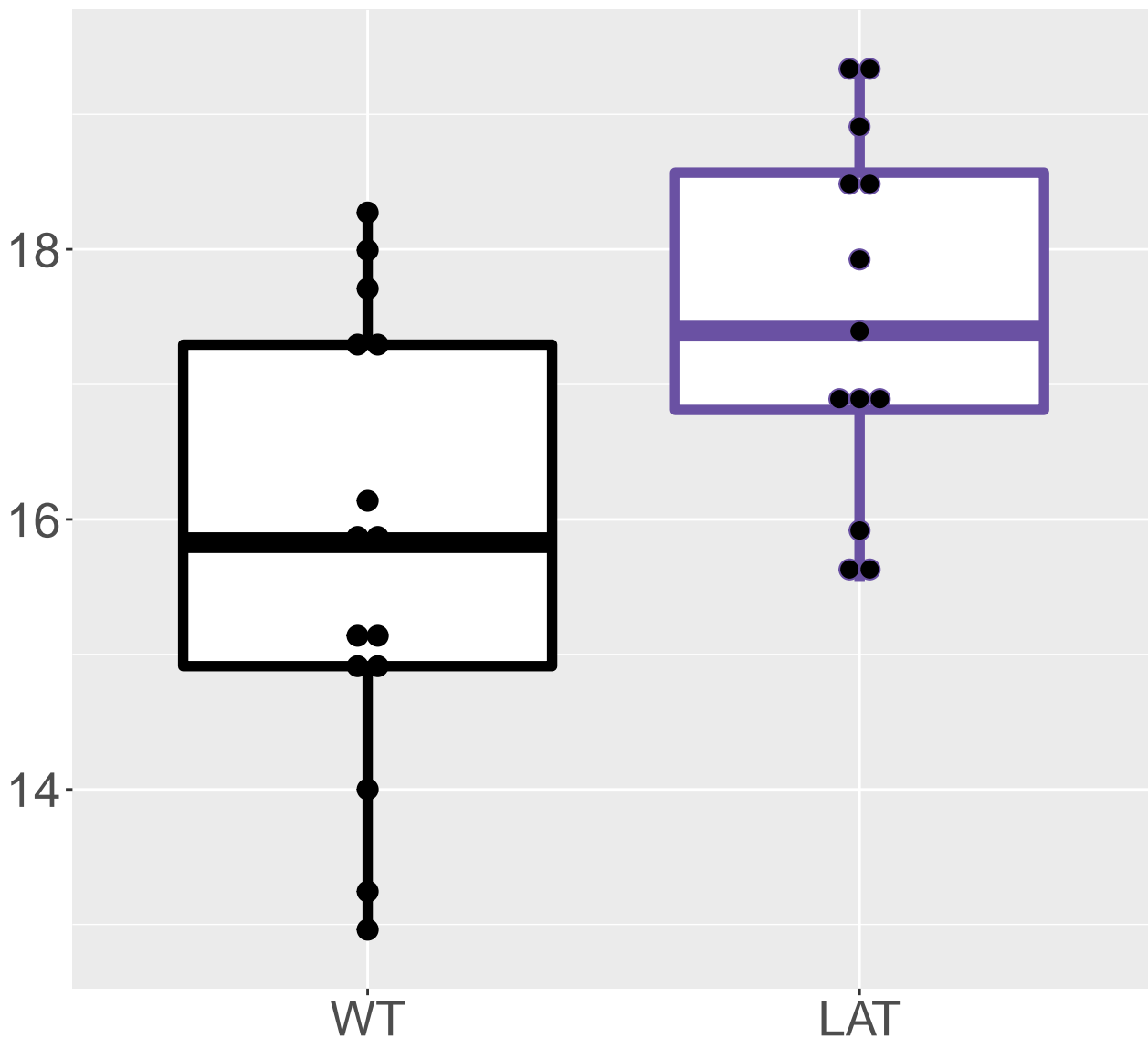


M226.003T562.56
FDR = 0.016, FC = 0.77



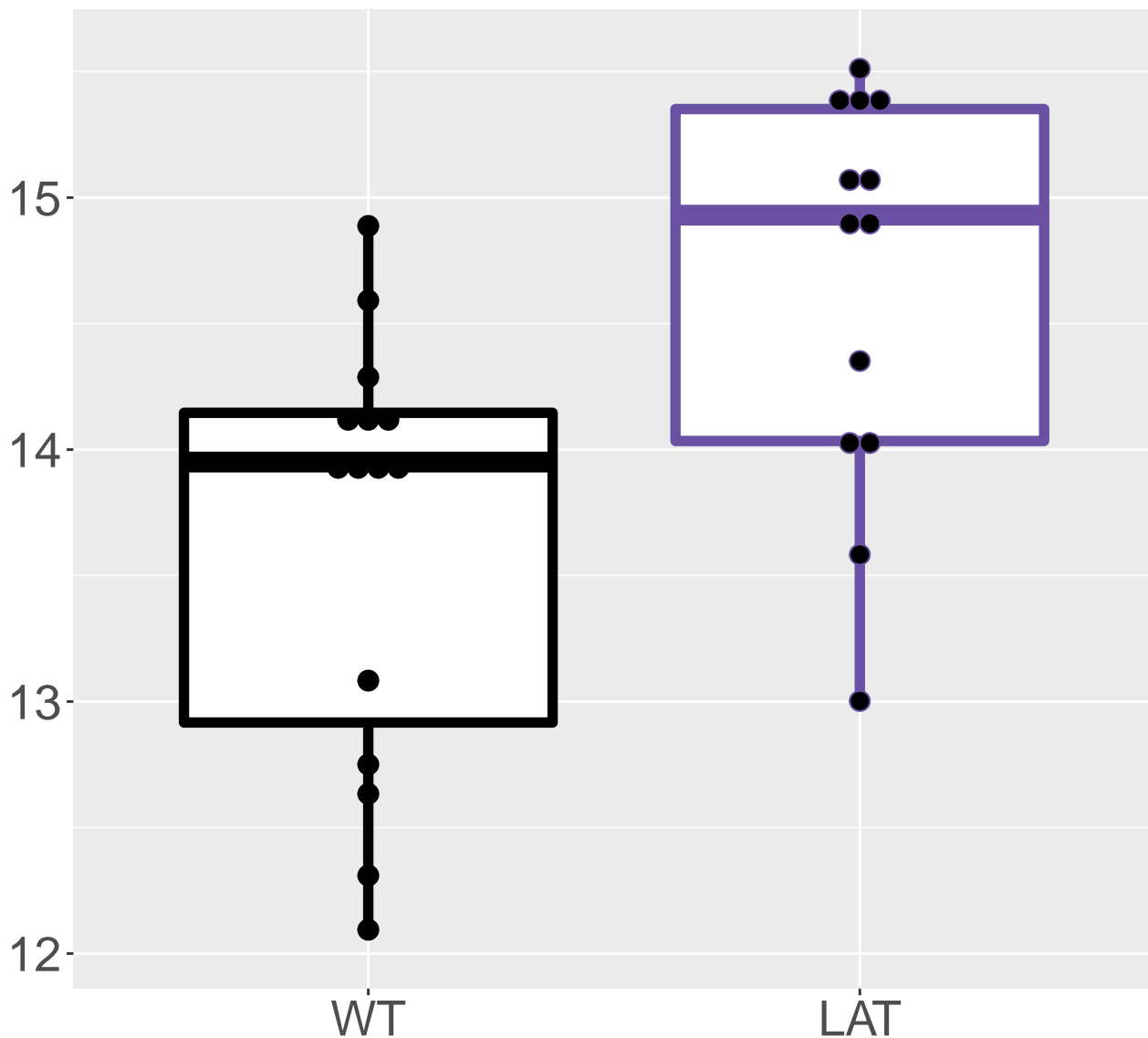
M358.1091T298.92

FDR = 0.016, FC = 1.7

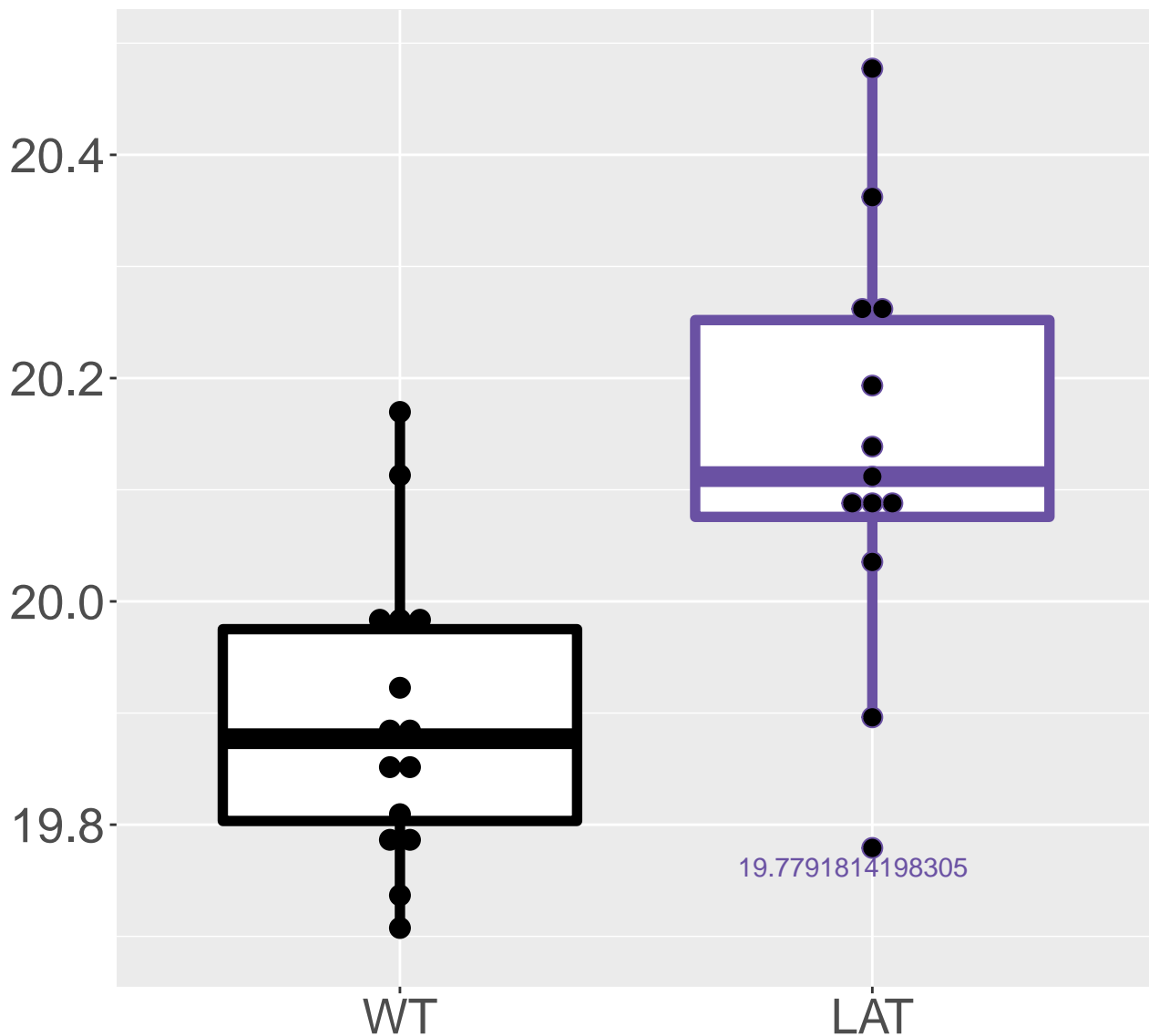


M795.2179T518.2

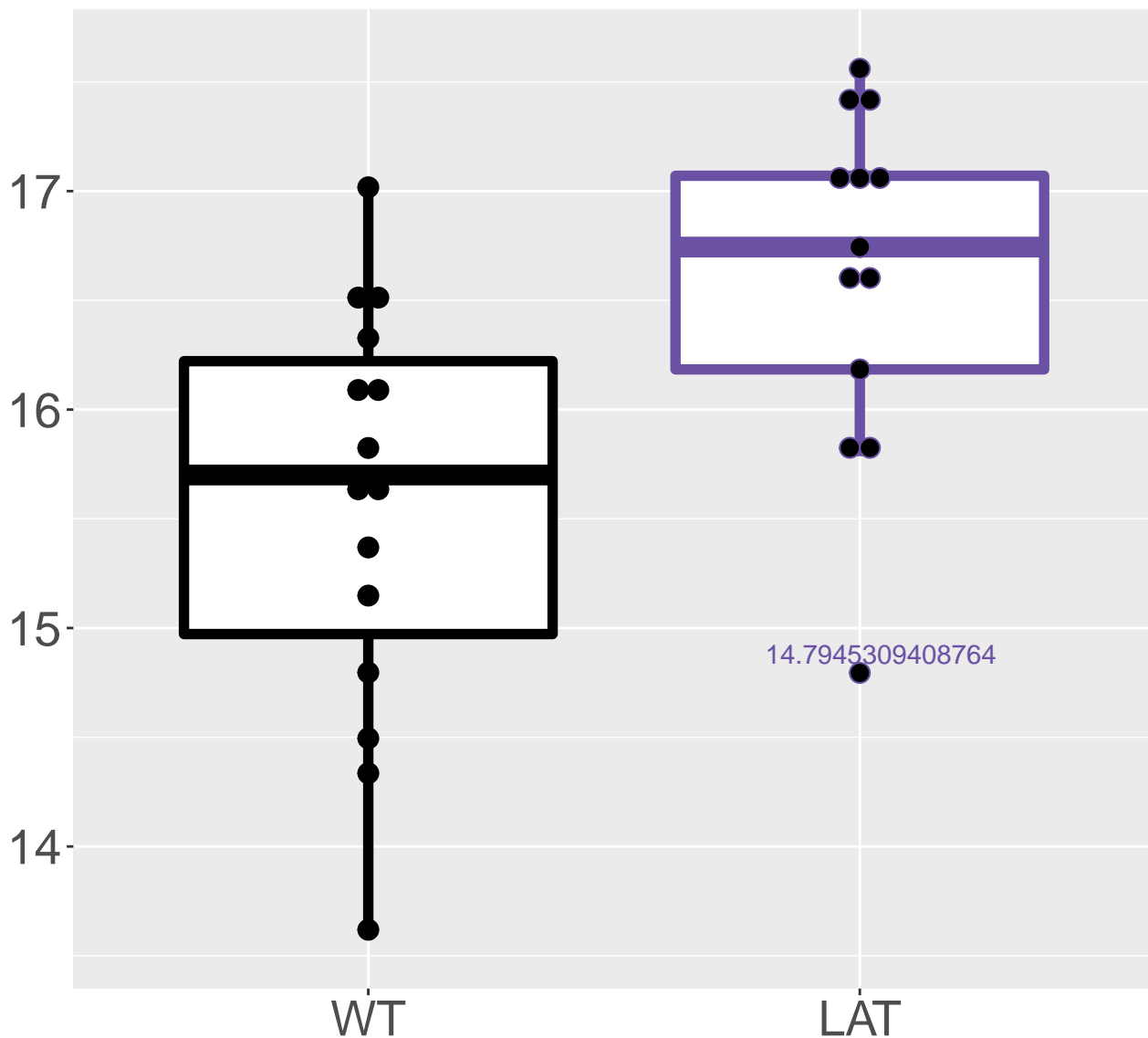
FDR = 0.016, FC = 1



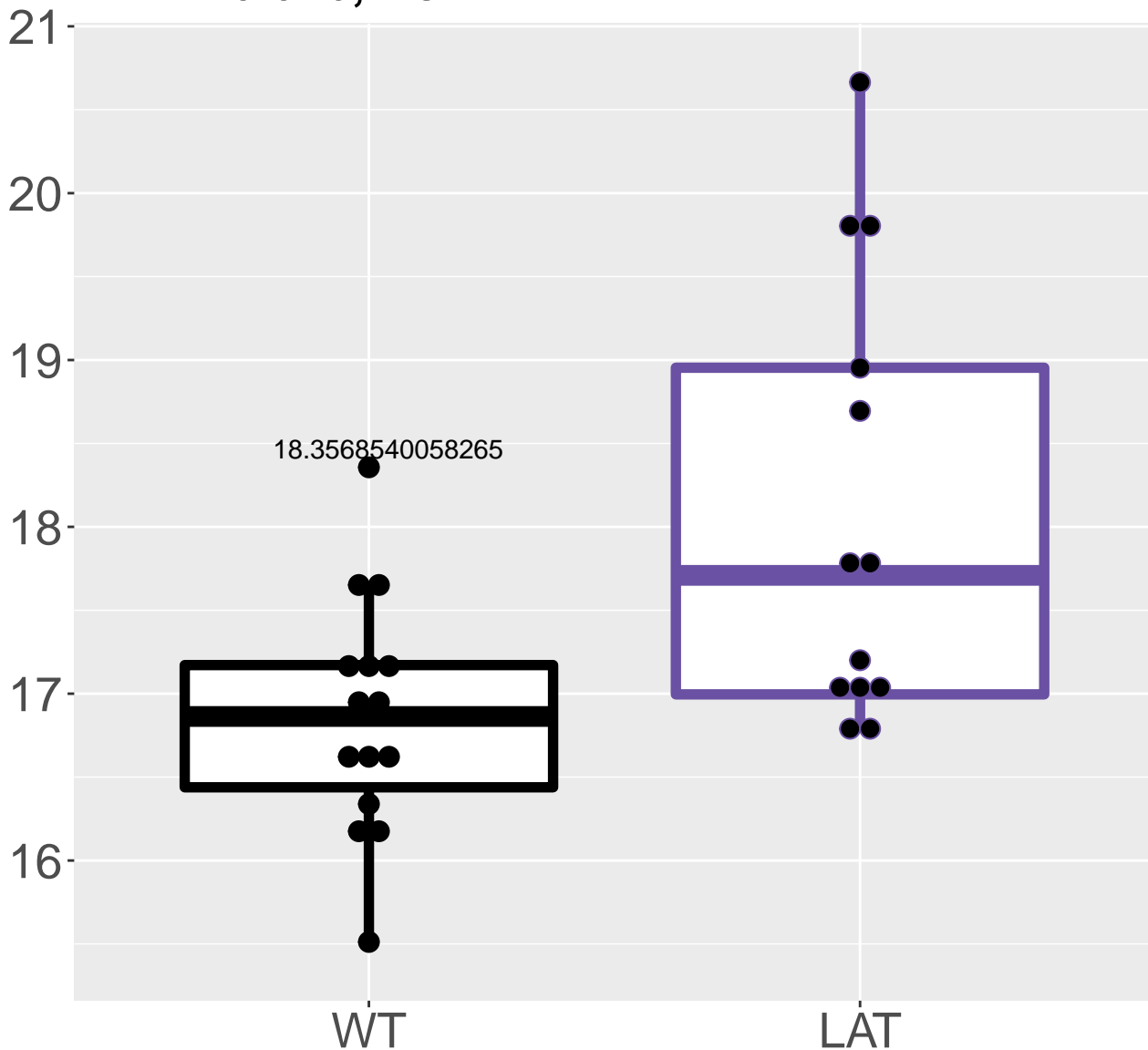
M140.9194T350.46
FDR = 0.016, FC = 0.24



M357.0551T589.69_2
FDR = 0.016, FC = 1.1

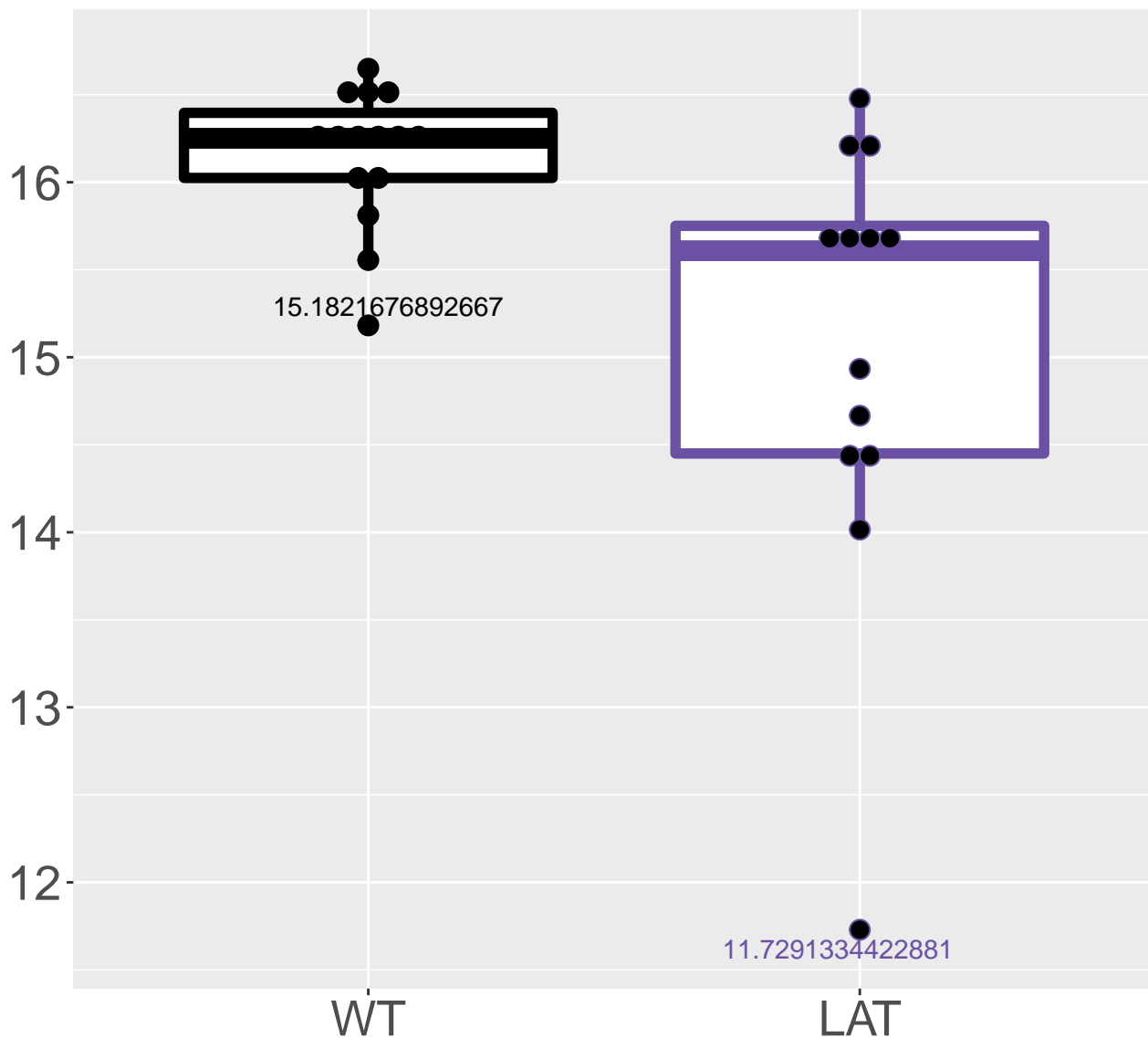


M143.9762T182.07
FDR = 0.016, FC = 1.2



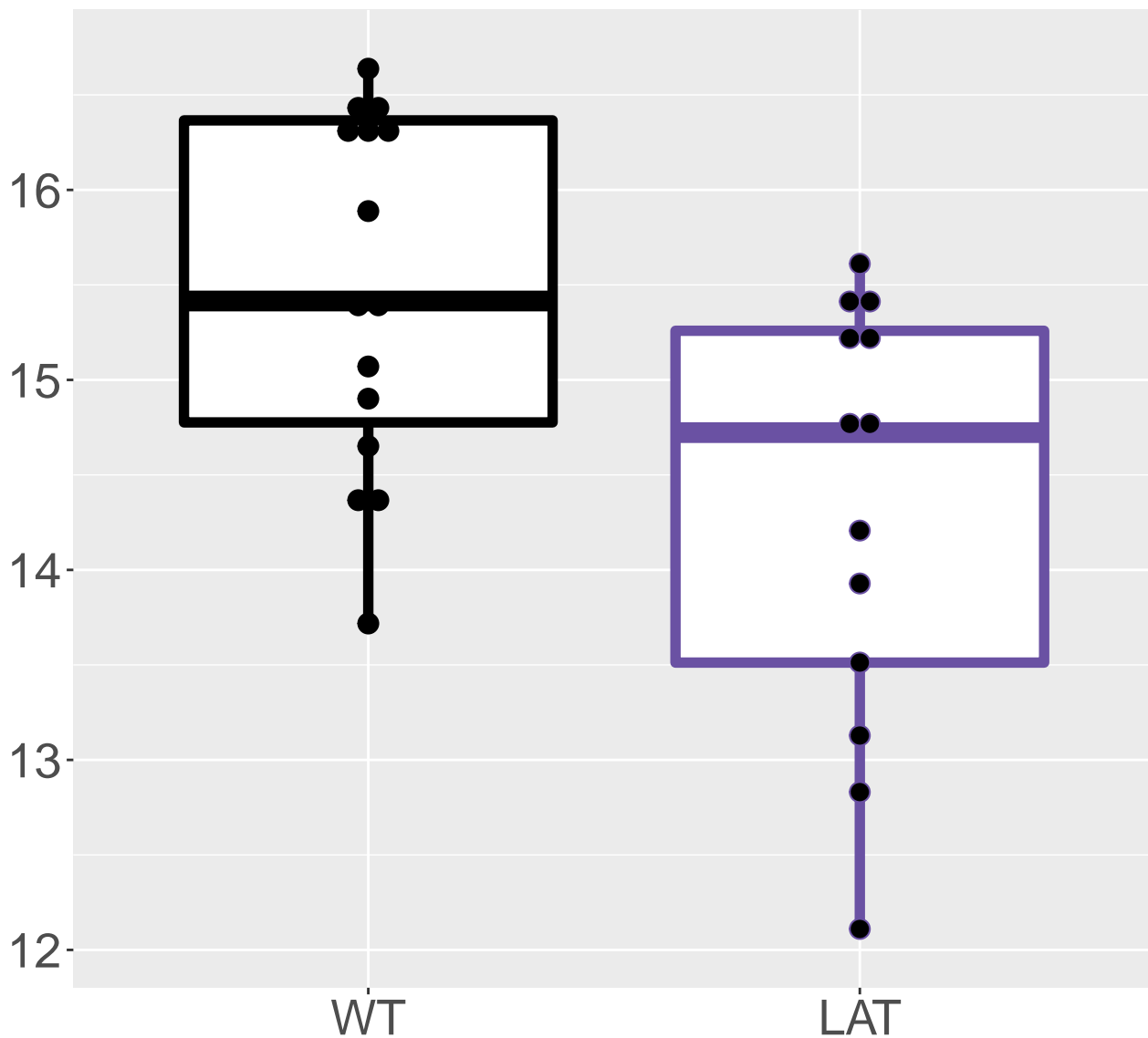
M149.0648T308.84

FDR = 0.017, FC = -1.1

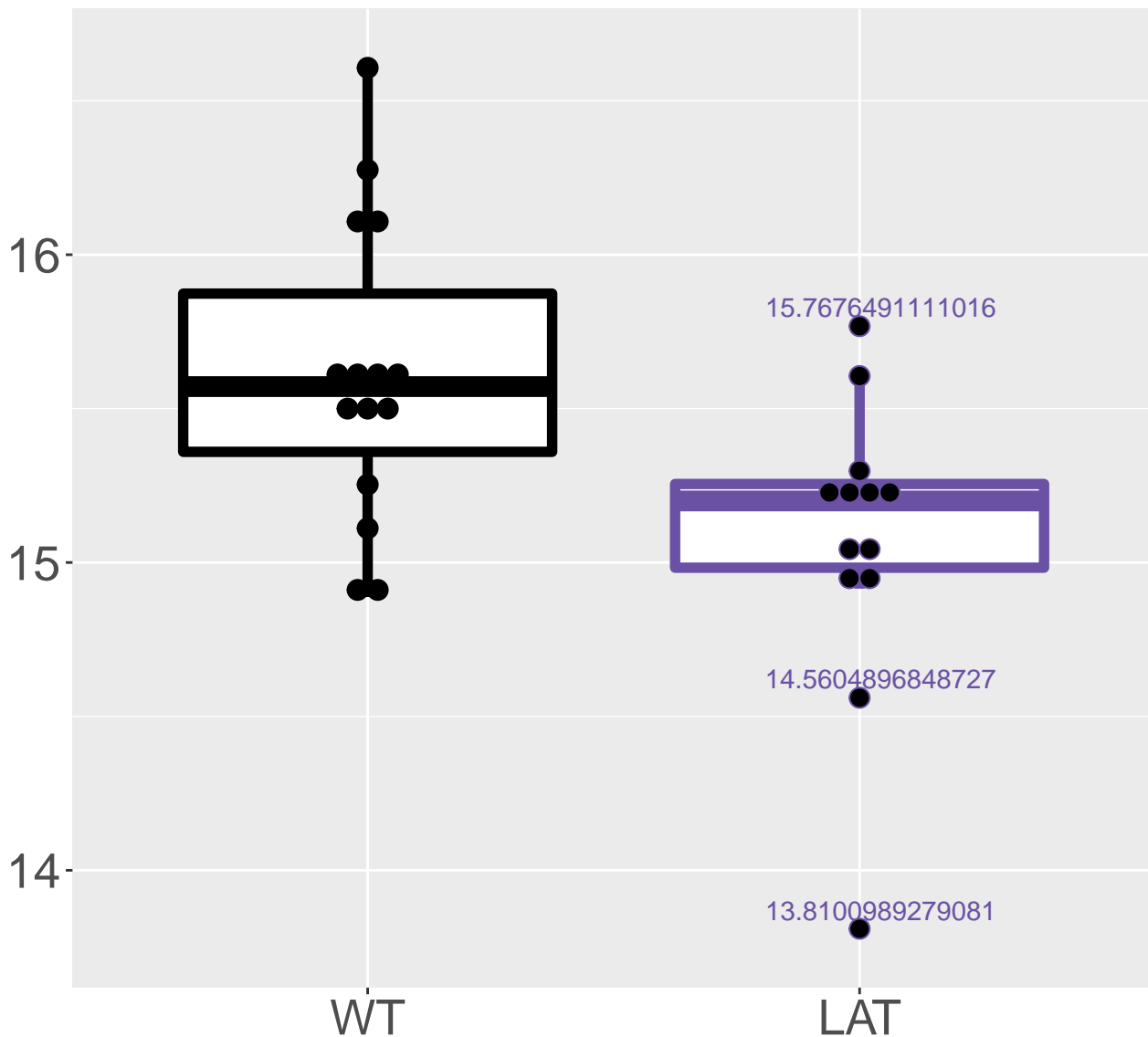


M459.1364T528.2

FDR = 0.017, FC = -1.2

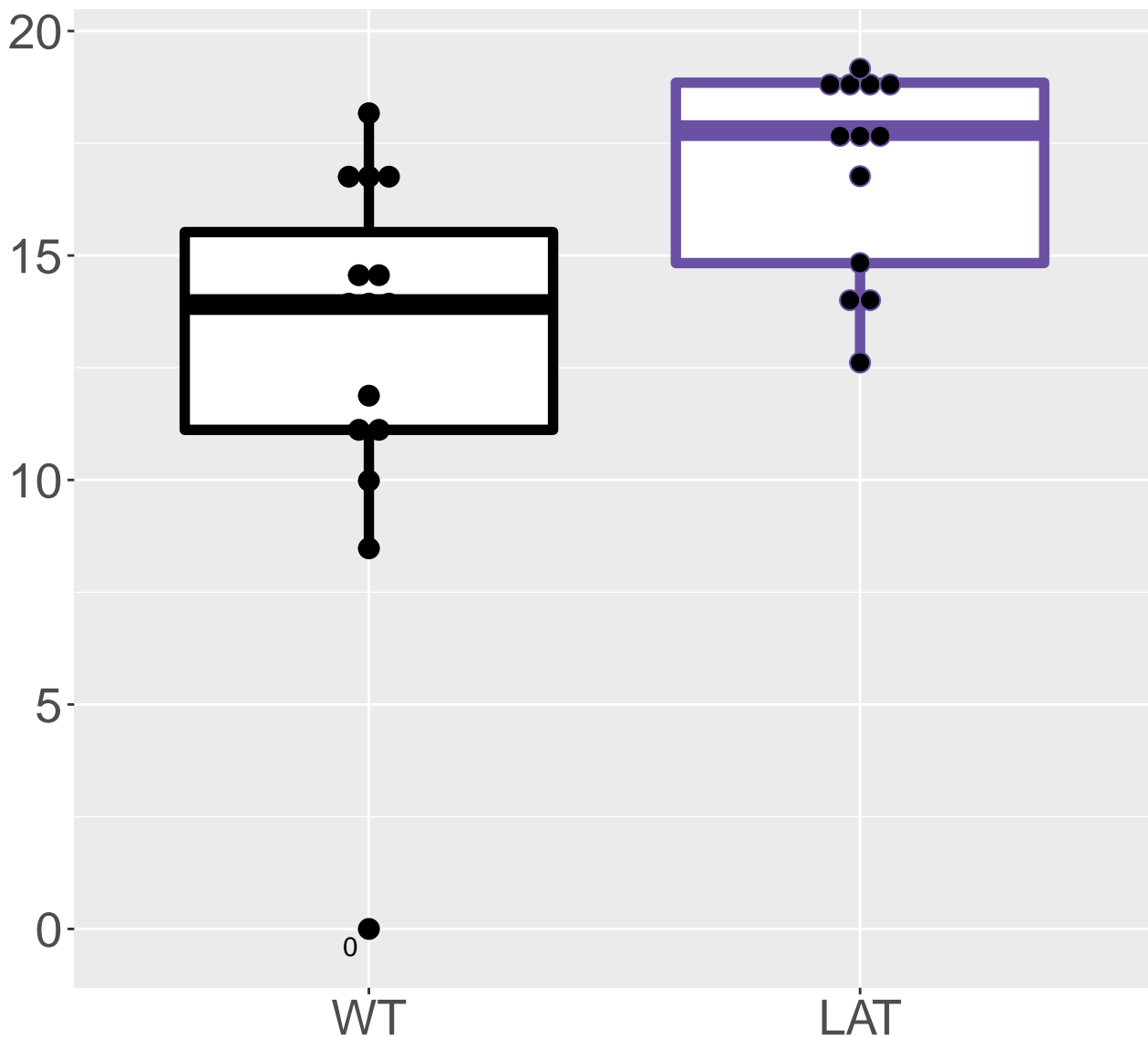


M434.1575T177.67
FDR = 0.017, FC = -0.54

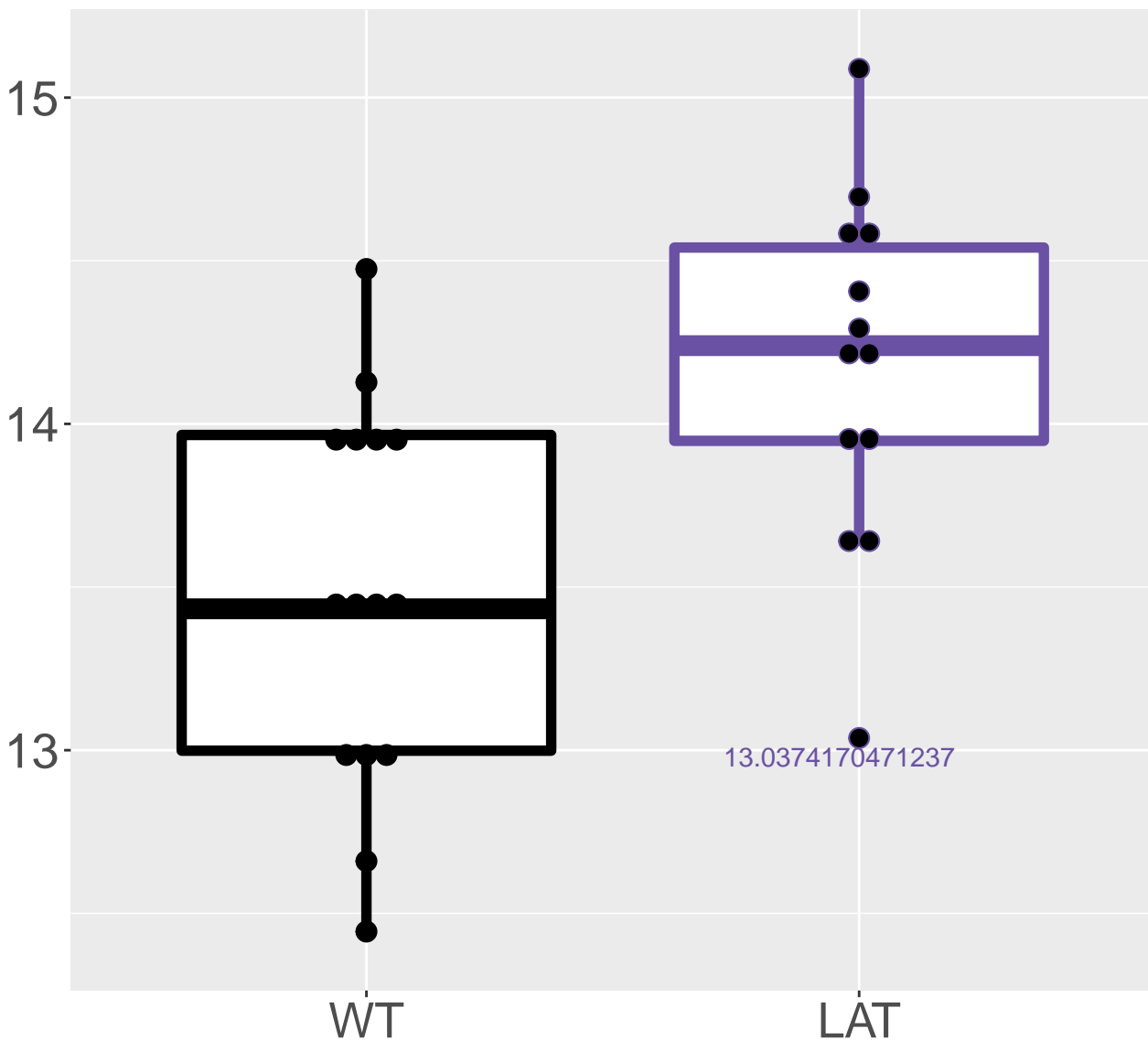


M462.0679T613.74

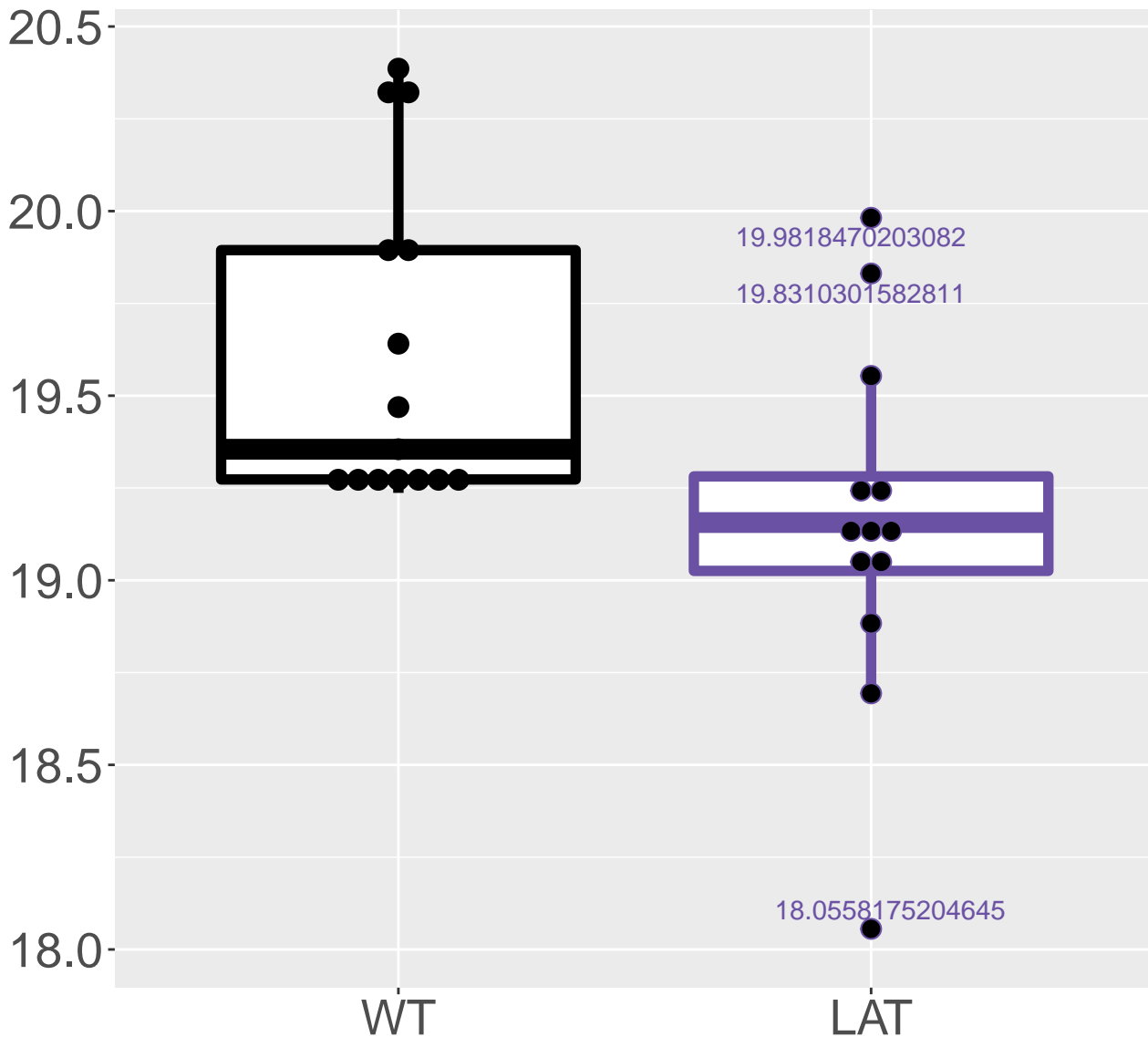
FDR = 0.017, FC = 4.1



FDR = 0.017, FC = 0.69

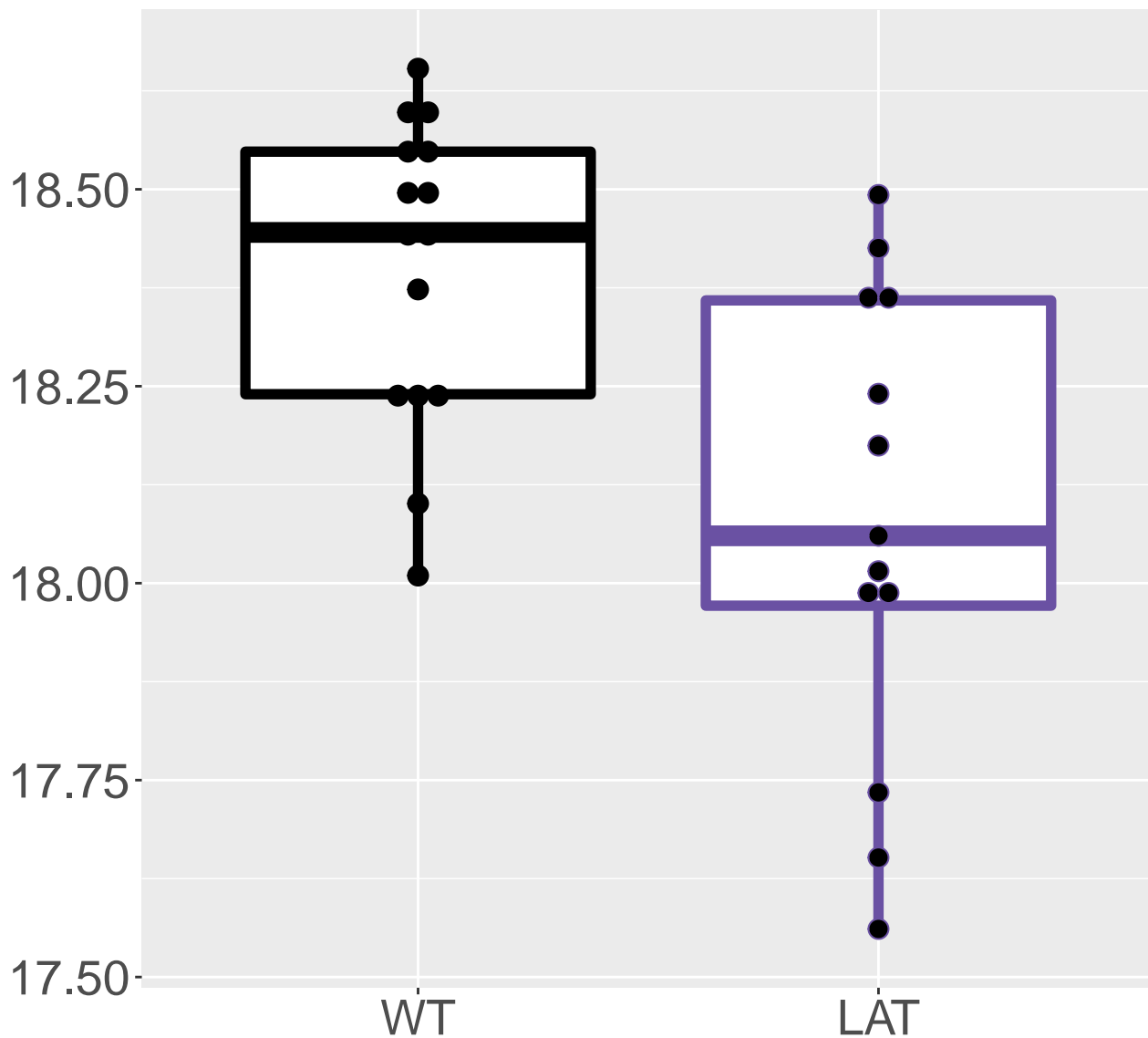


M628.1768T513.38
FDR = 0.017, FC = -0.46

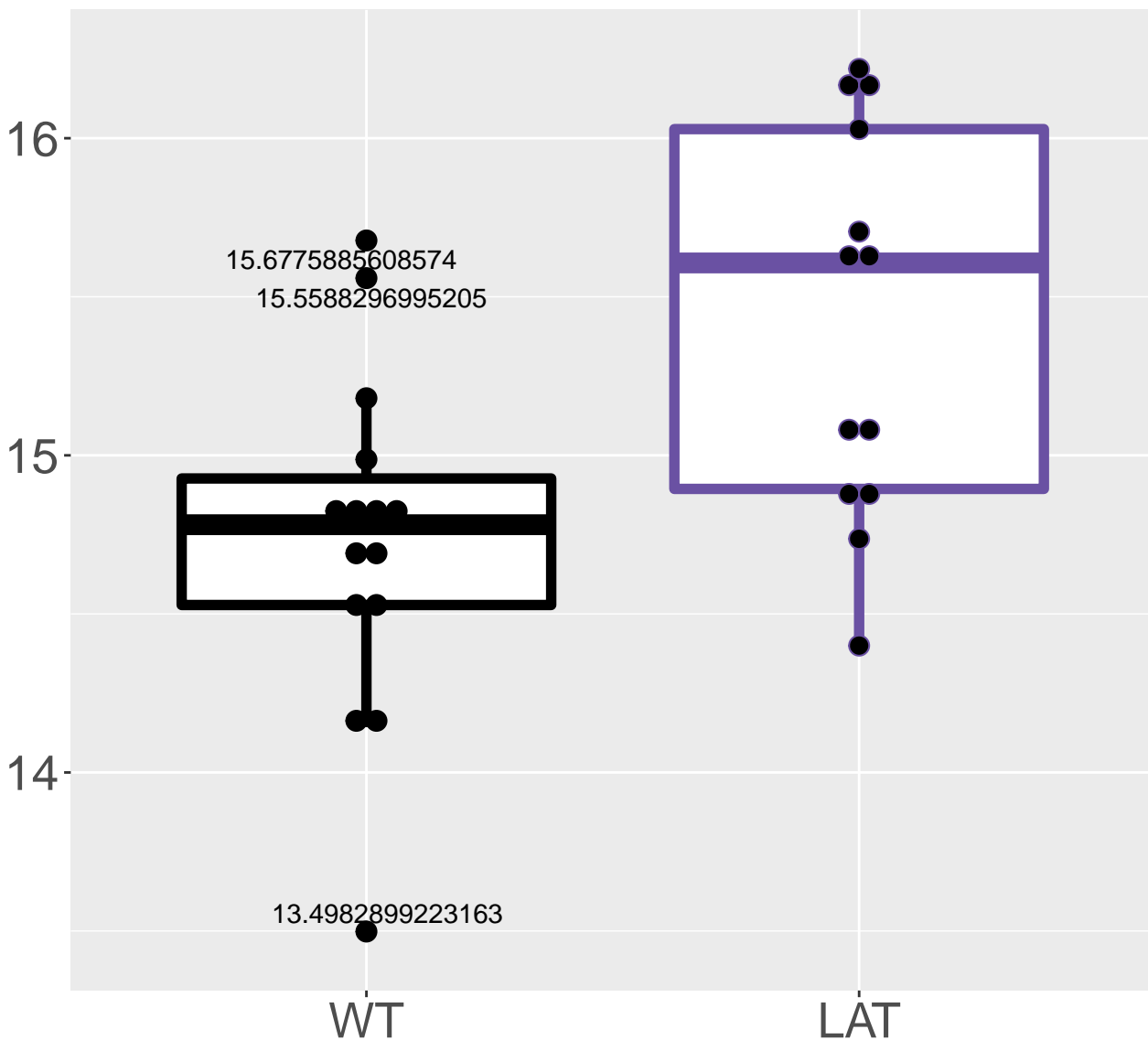


M75.0281T492.05

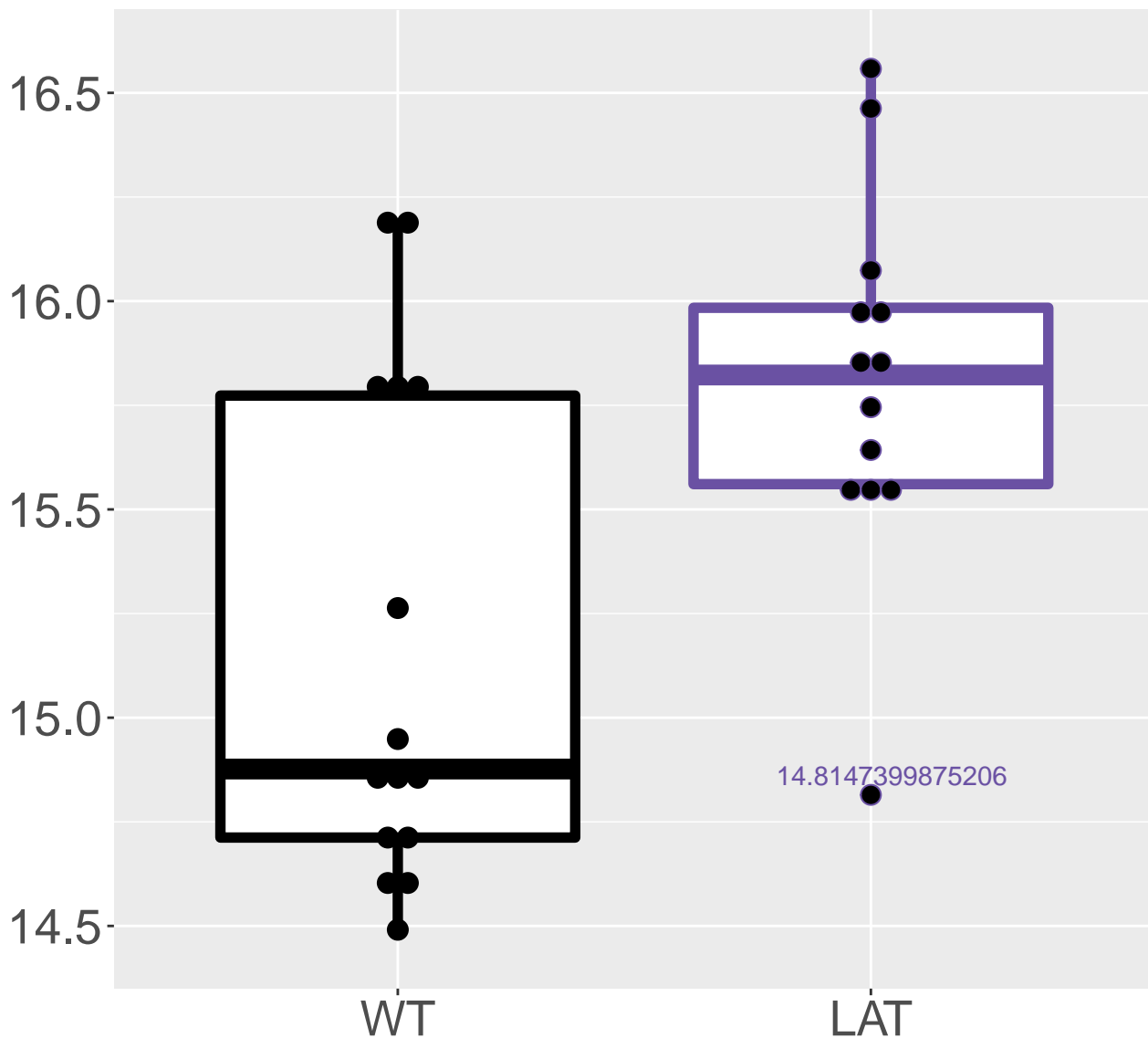
FDR = 0.017, FC = -0.32



FDR = 0.018, FC = 0.7

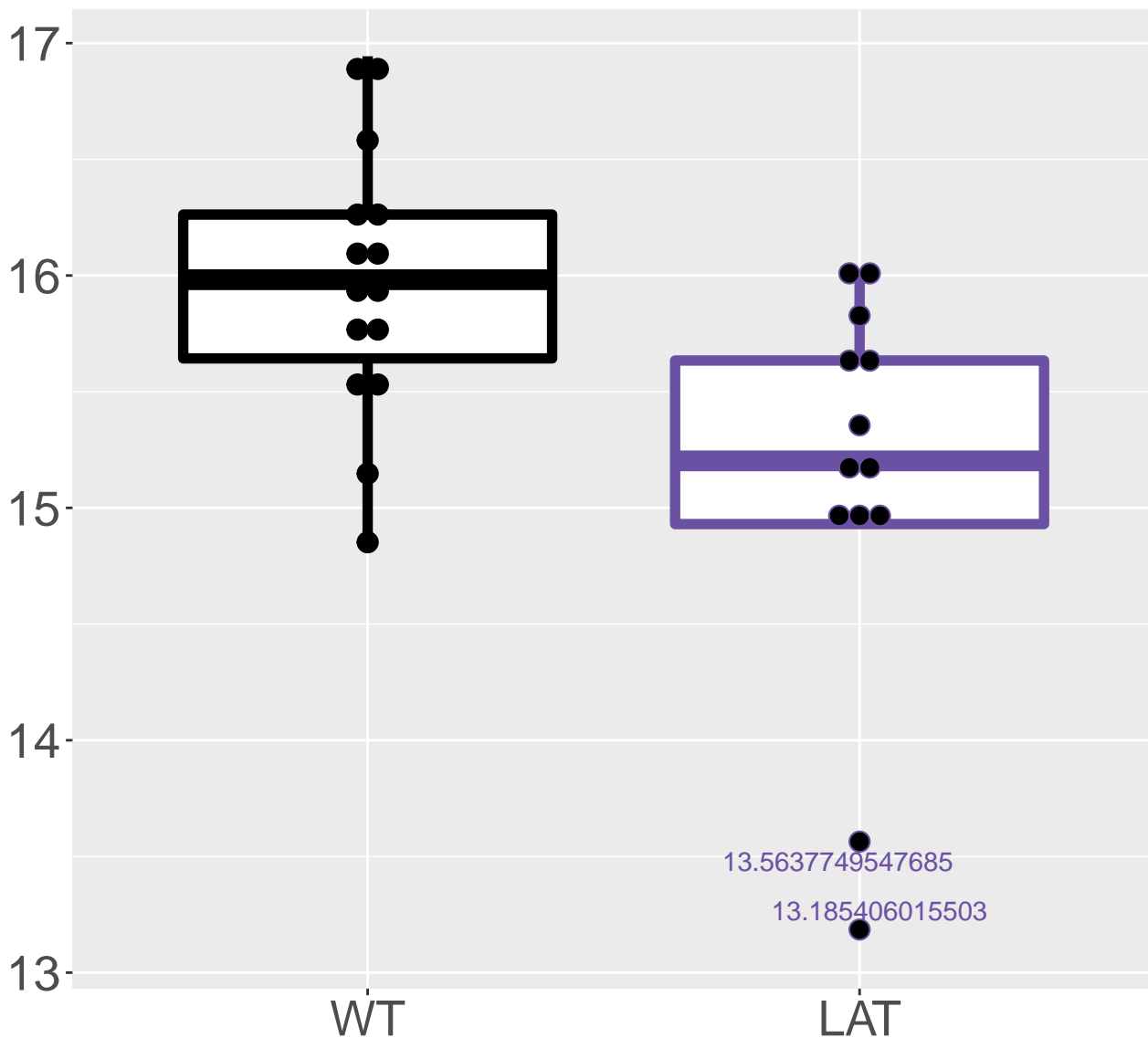


M326.0671T448.52
FDR = 0.018, FC = 0.64



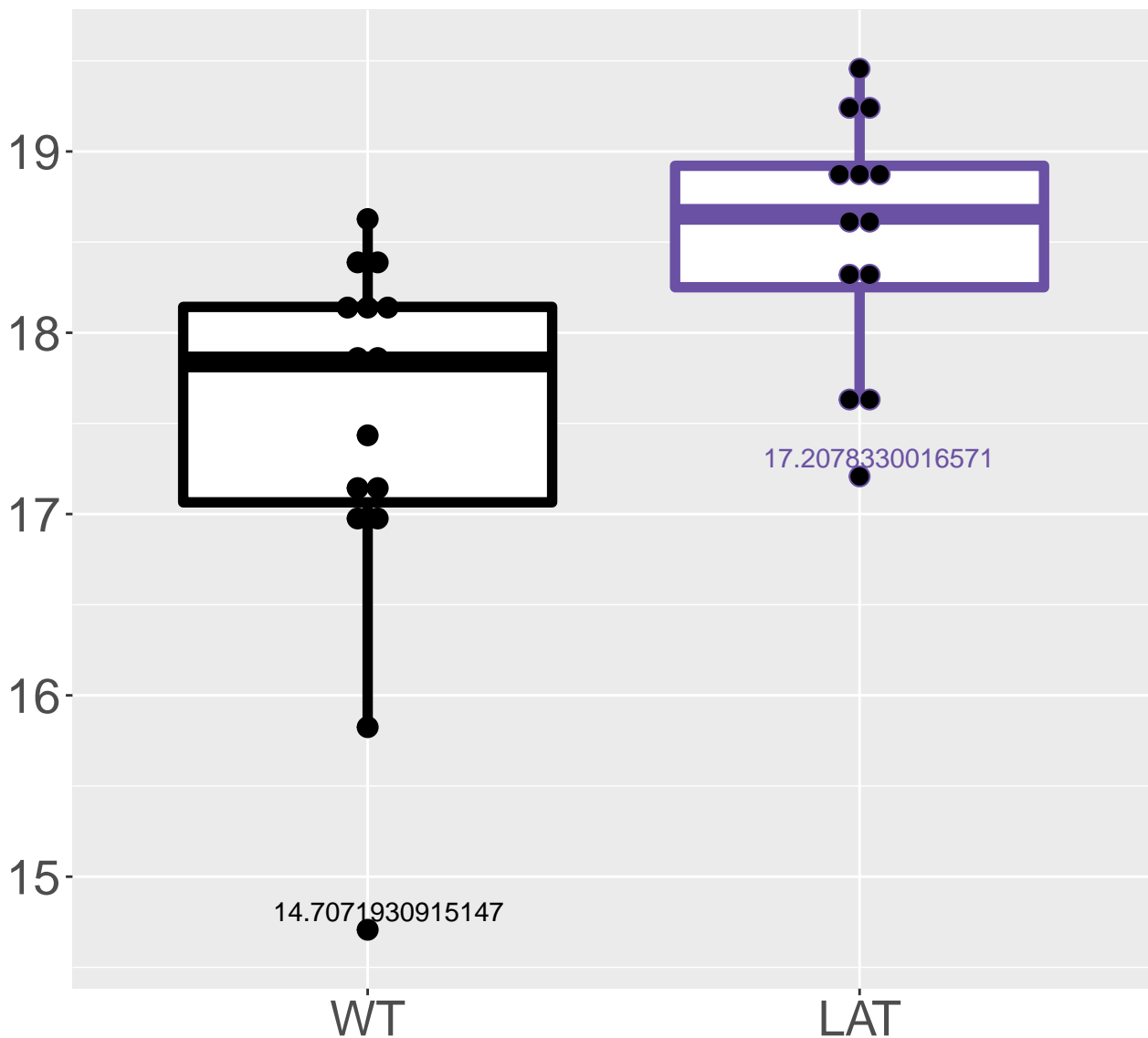
M204.0514T210.01

FDR = 0.018, FC = -0.86



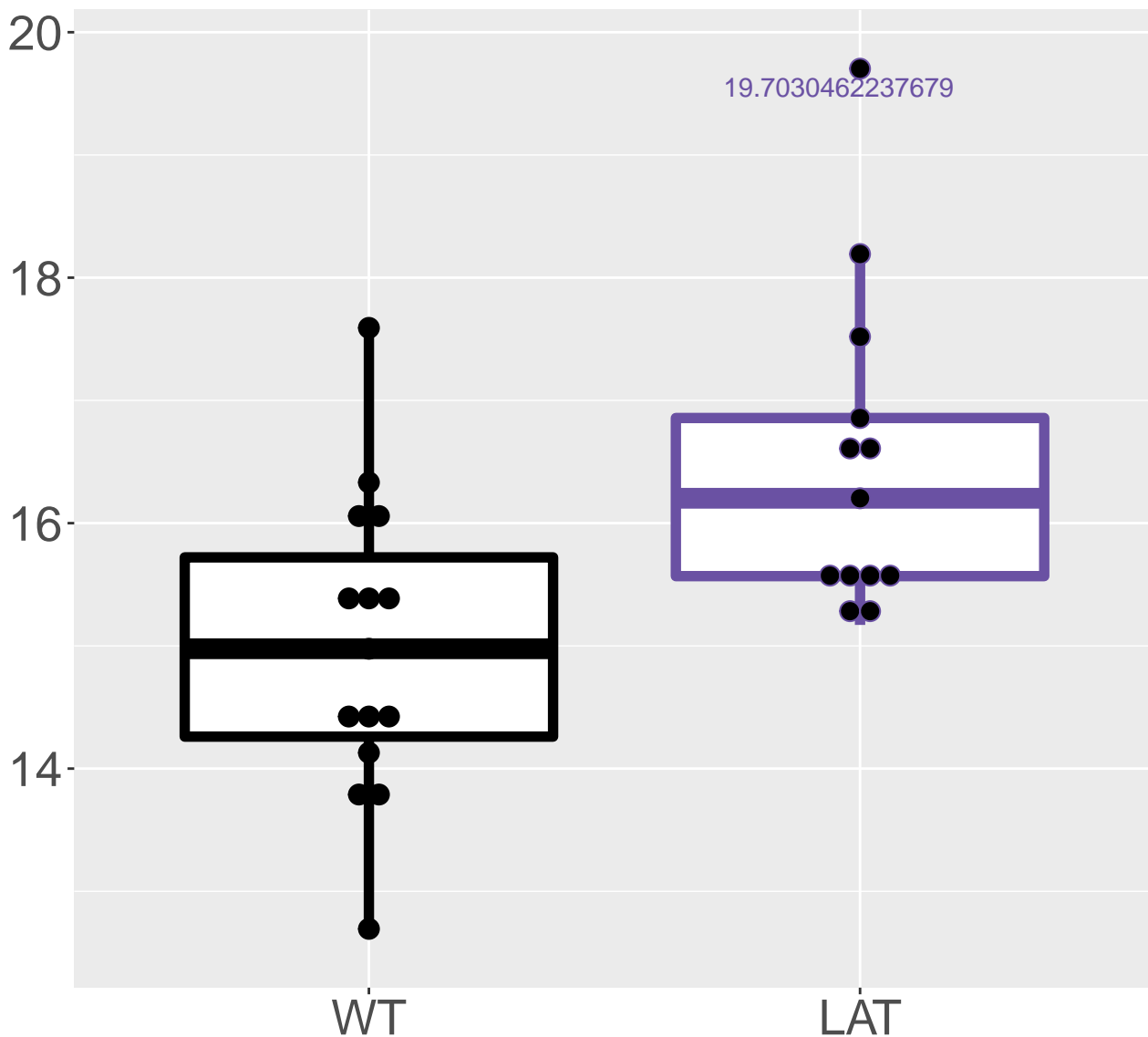
M267.2898T589.73_3

FDR = 0.018, FC = 1.1

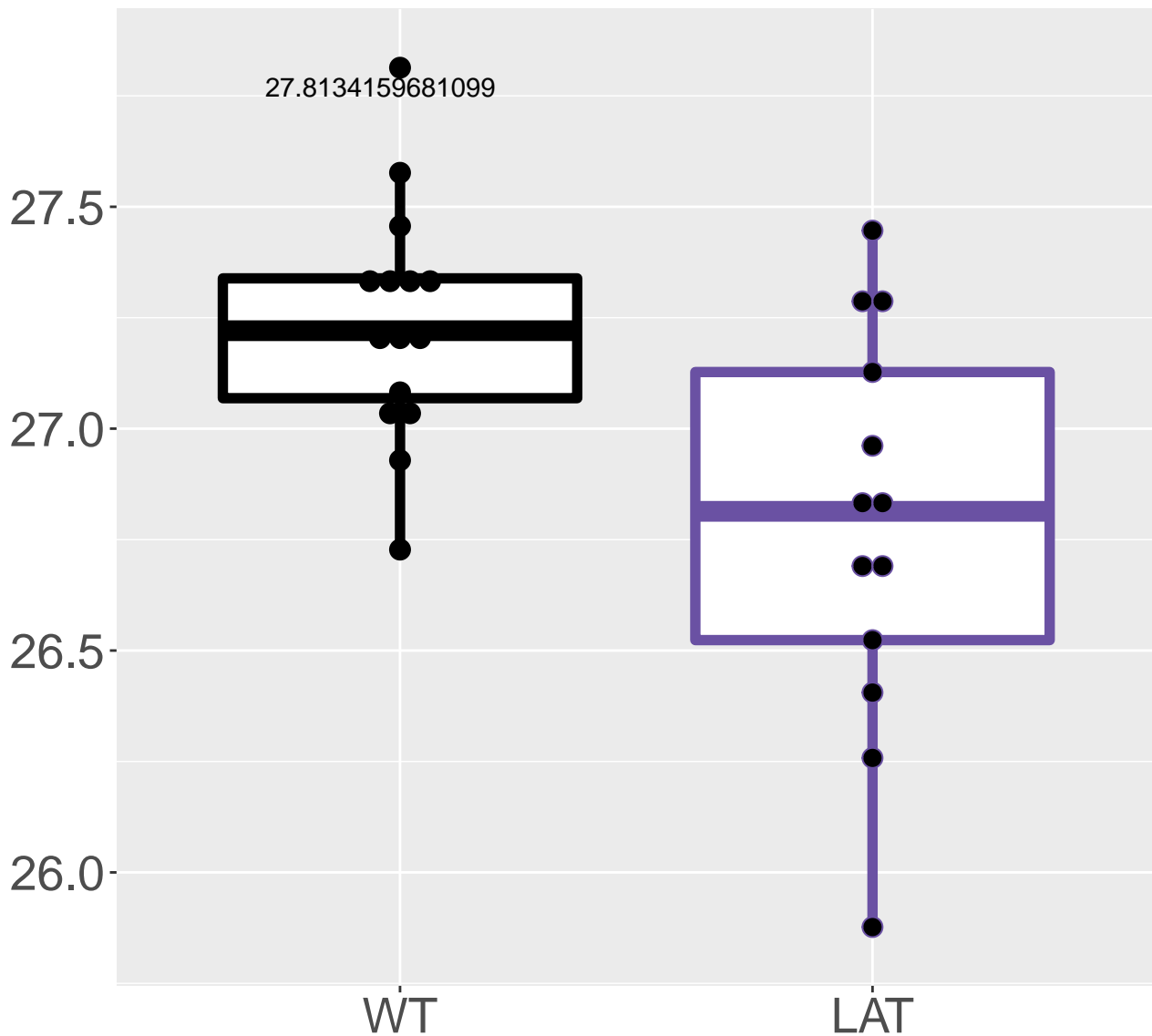


M376.102T188.92

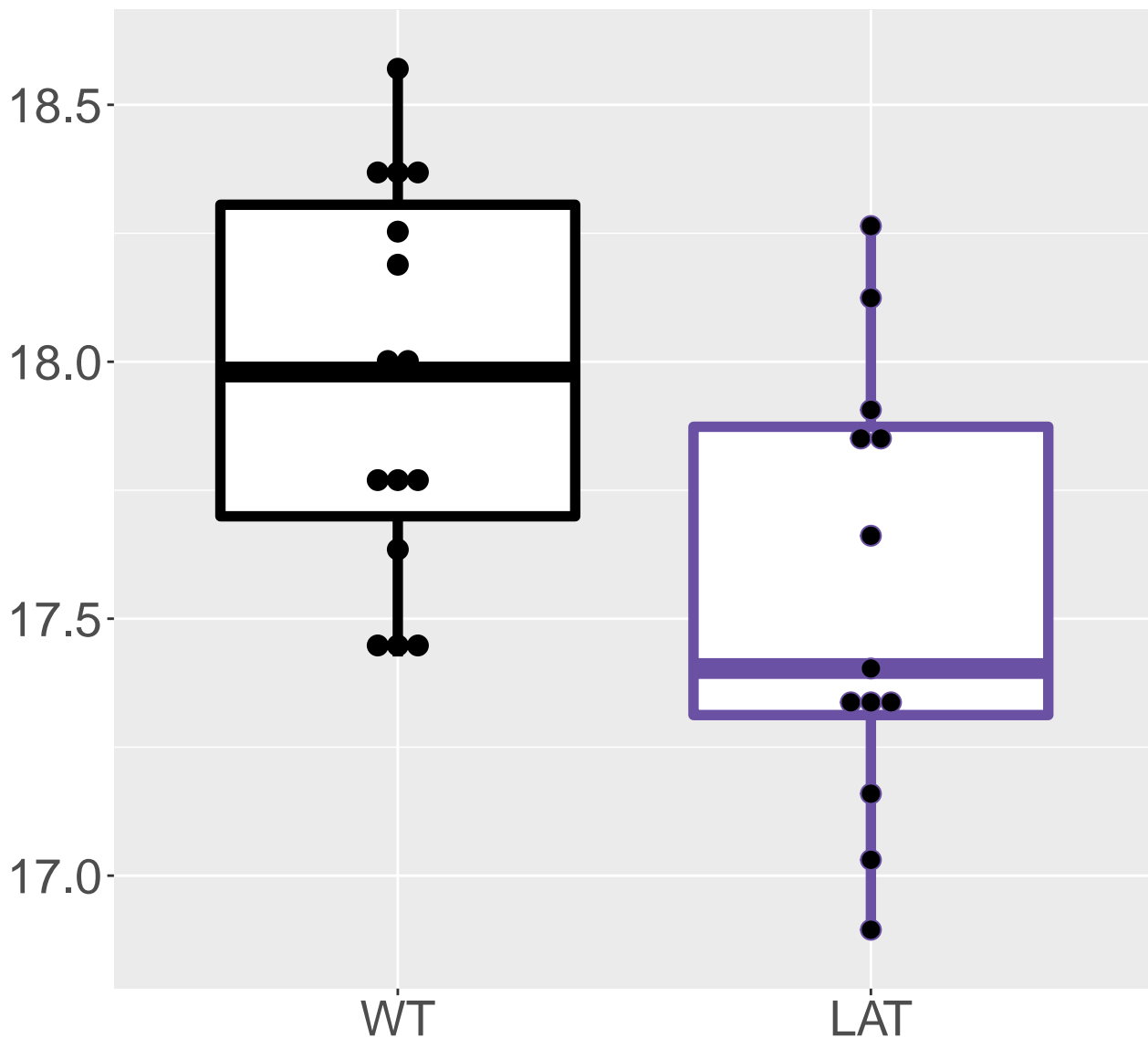
FDR = 0.018, FC = 1.5



L-Leucine;Leucine|L-Isoleucine;Isoleucine|L-
FDR = 0.019, FC = -0.45

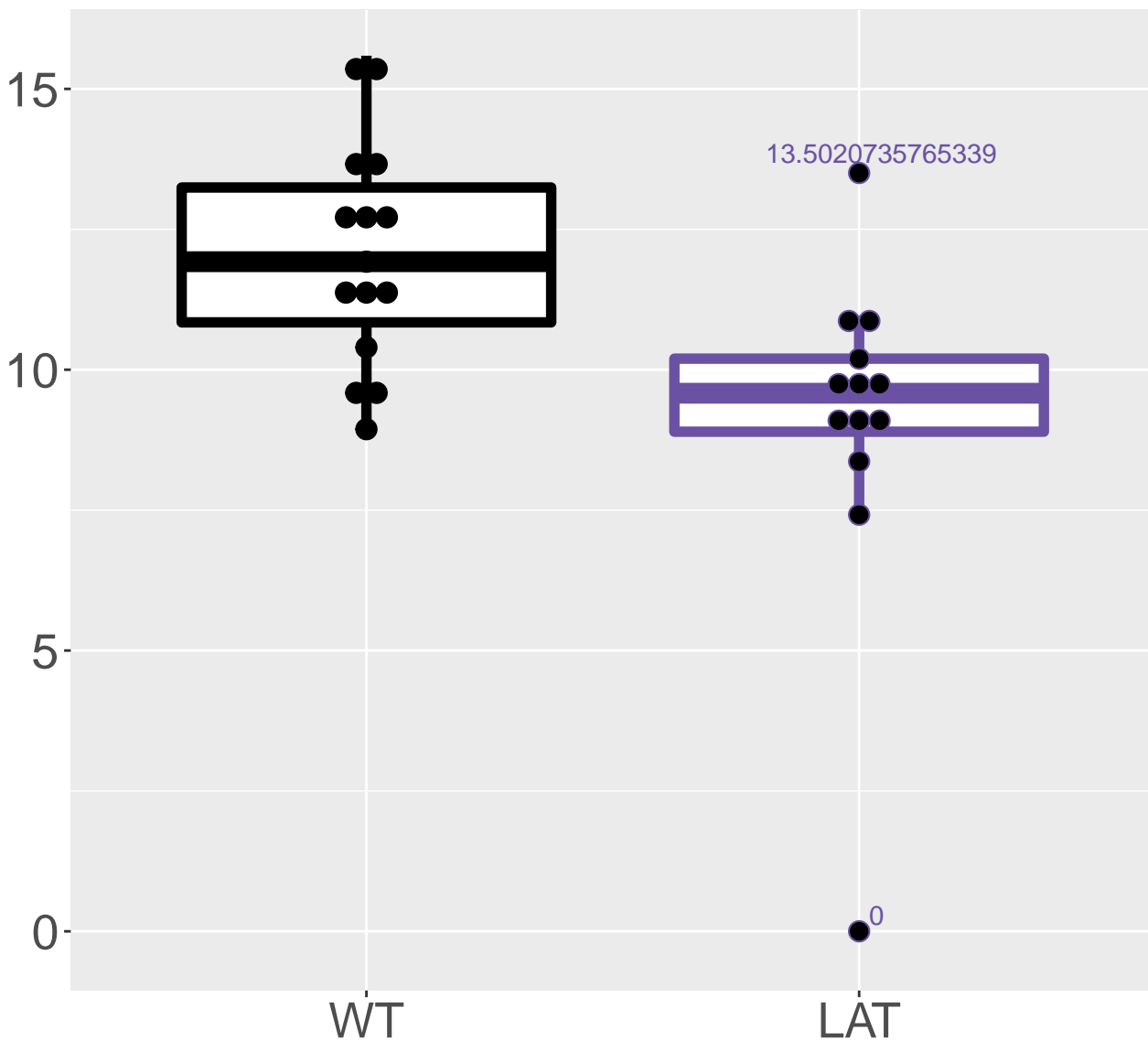


N6-Acetyl-L-lysine
FDR = 0.019, FC = -0.41, sex**

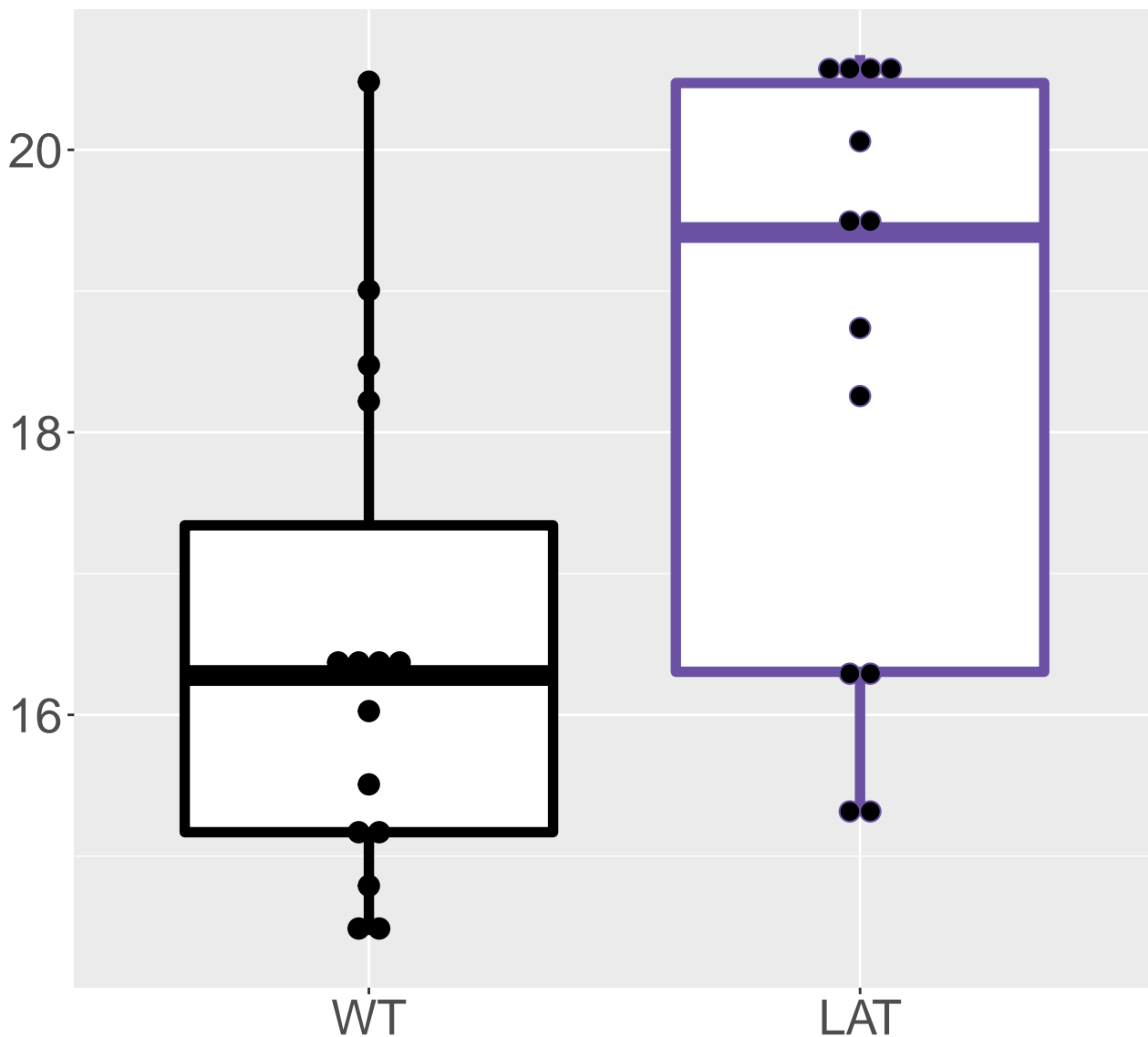


M239.079T160.97

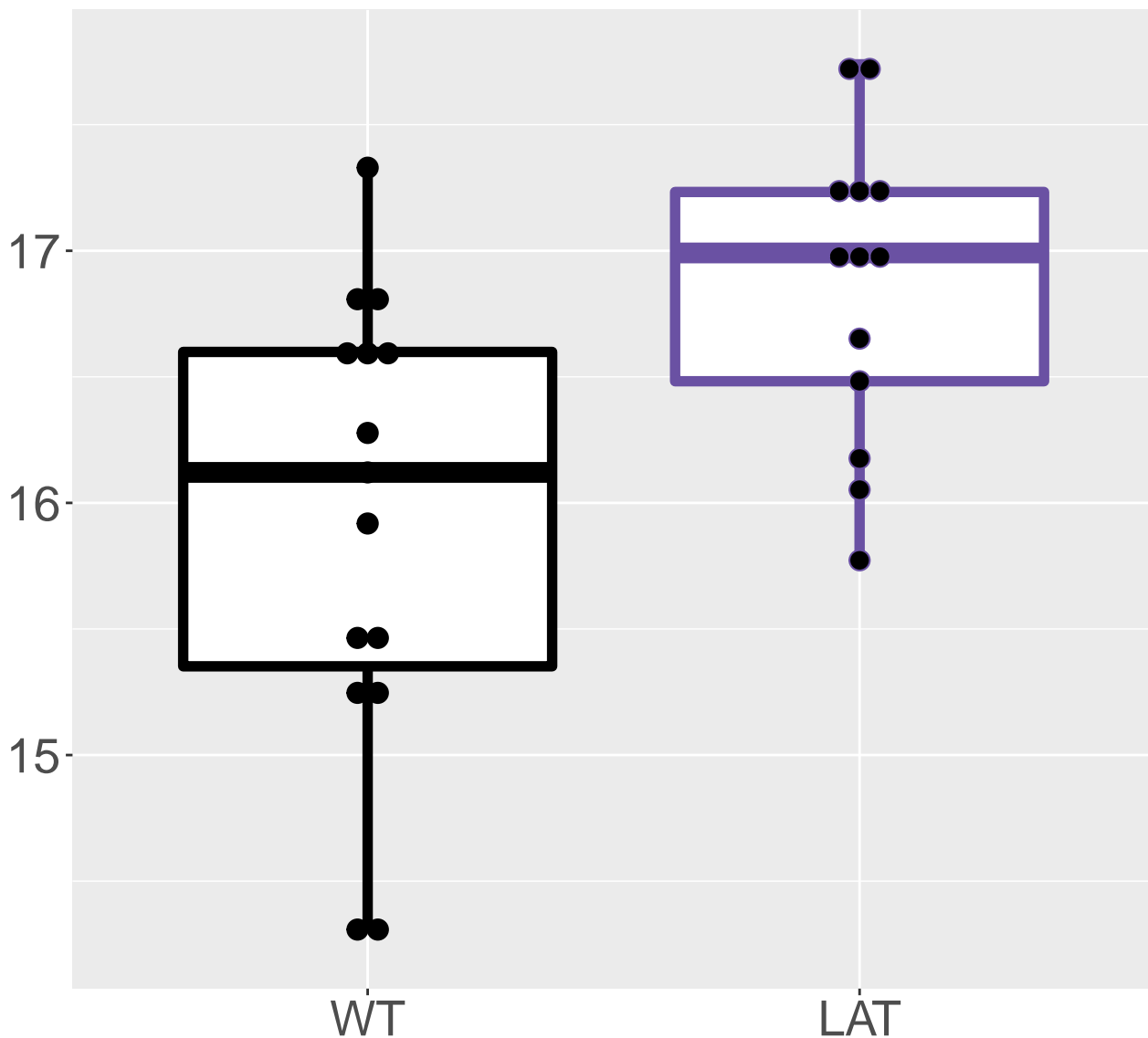
FDR = 0.019, FC = -3



M230.53T612.81_1
FDR = 0.02, FC = 2.1

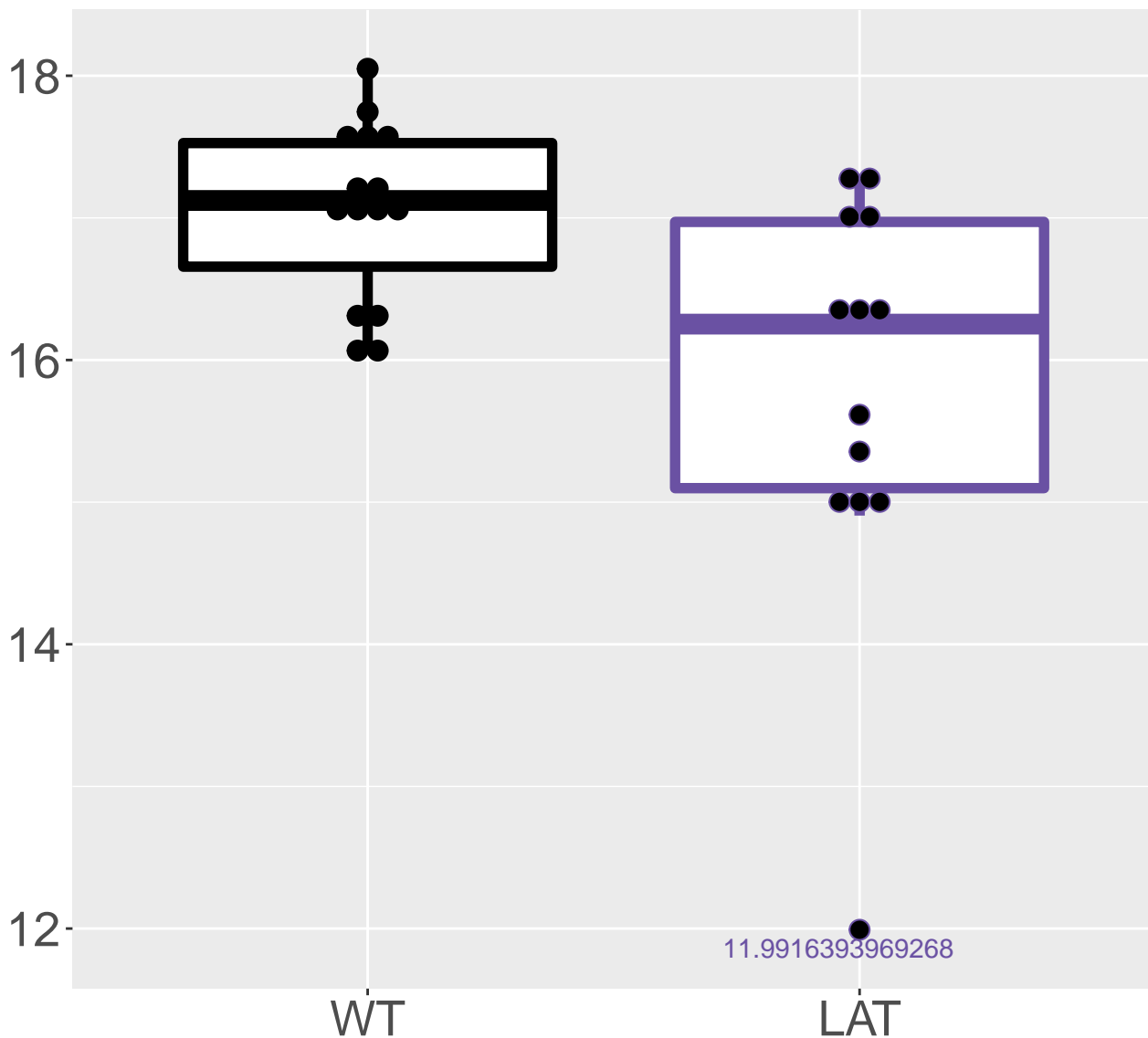


M787.671T587.21_1
FDR = 0.02, FC = 0.93



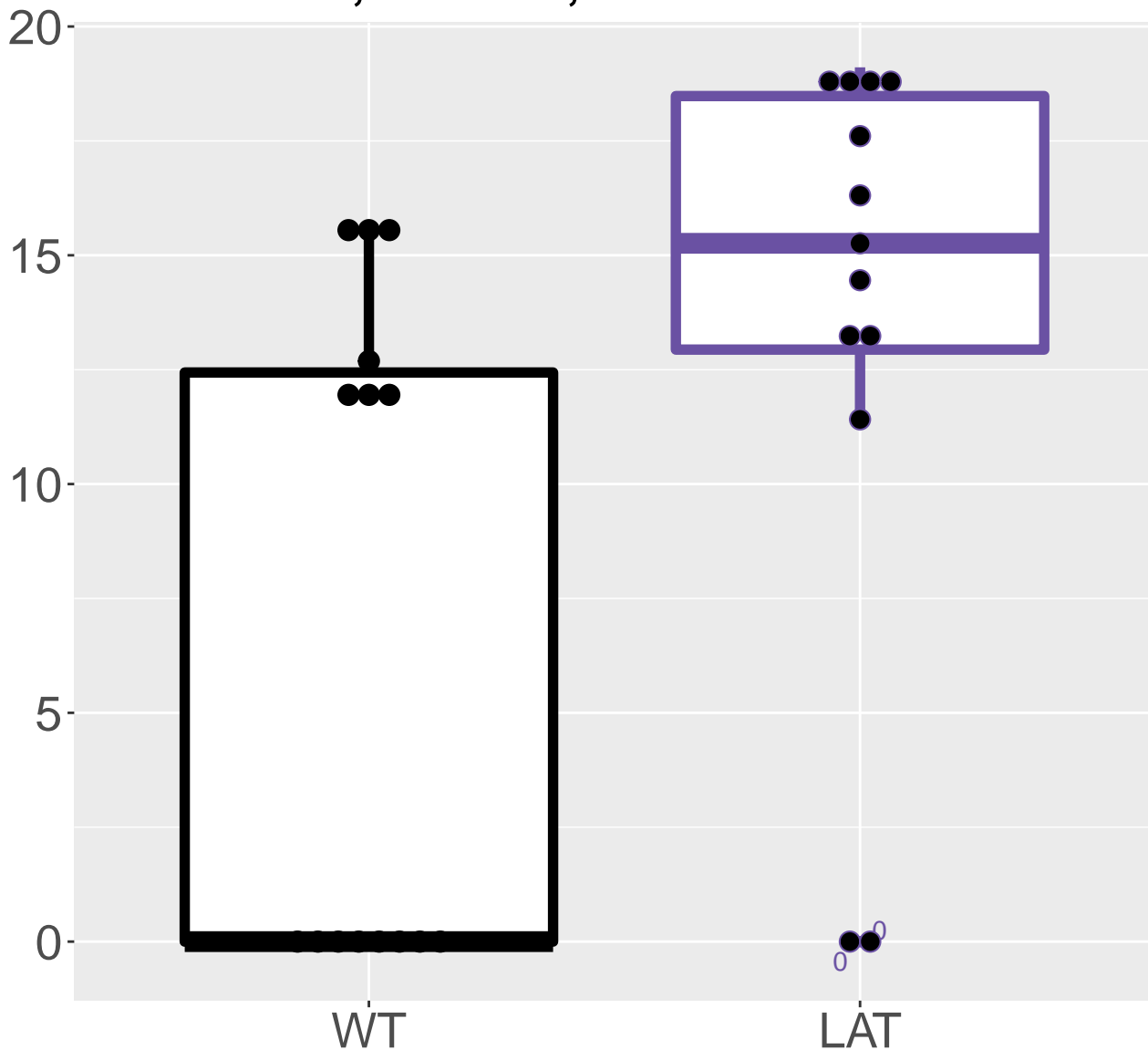
M400.1123T168.39

FDR = 0.02, FC = -1.2



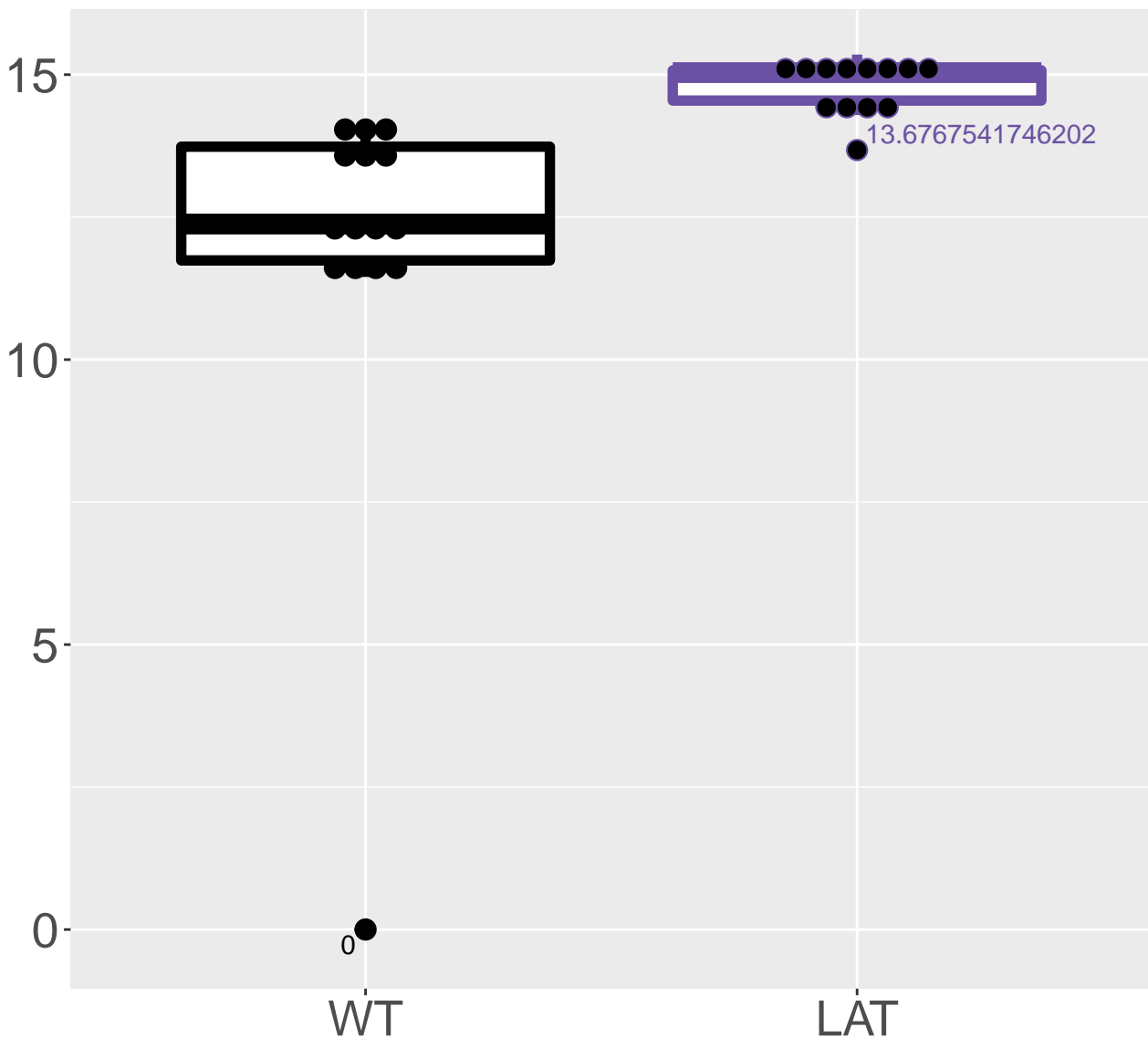
M279.5368T517.89

FDR = 0.021, FC = 7.3, sex*



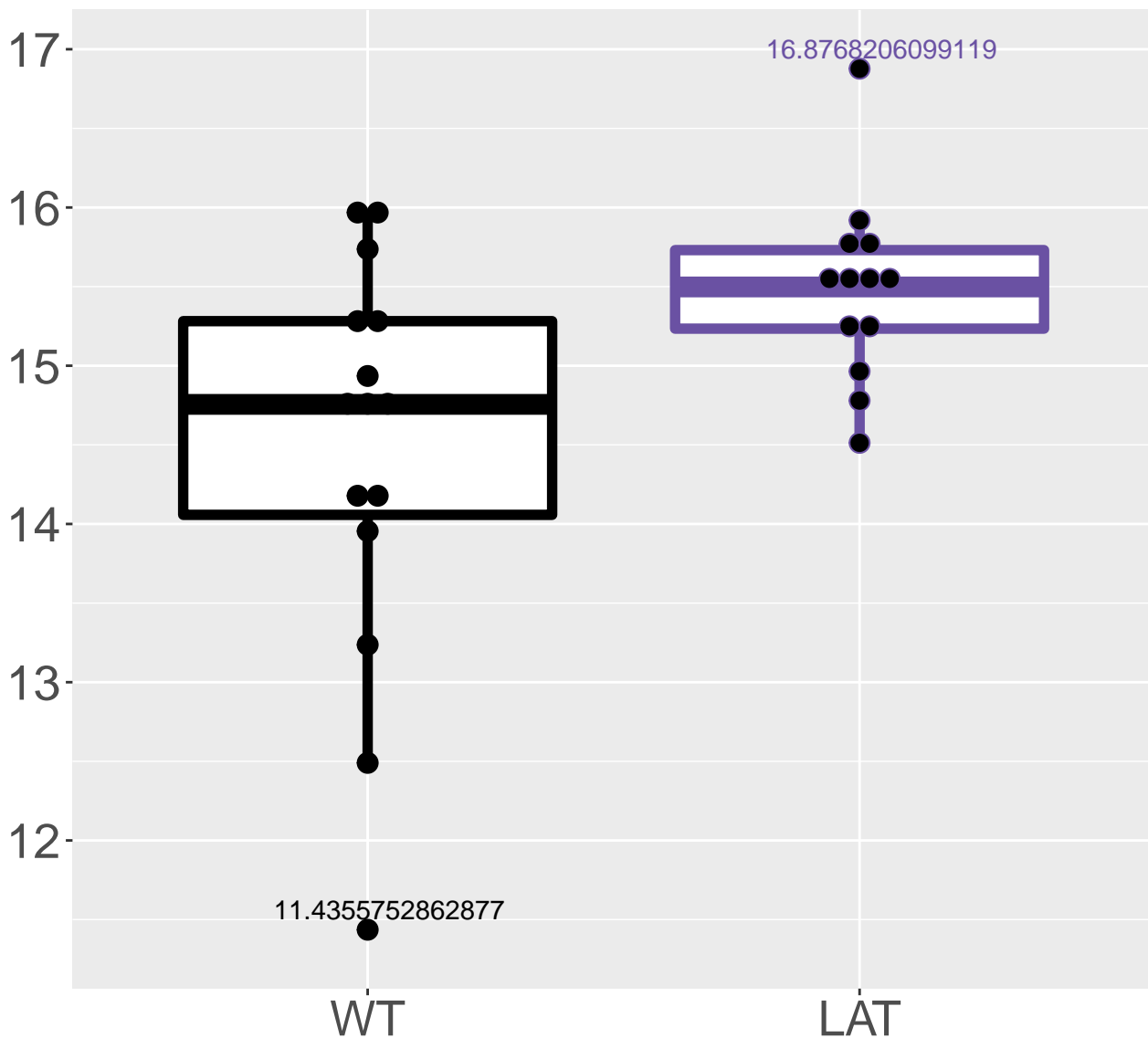
M740.188T628.42

FDR = 0.021, FC = 2.9



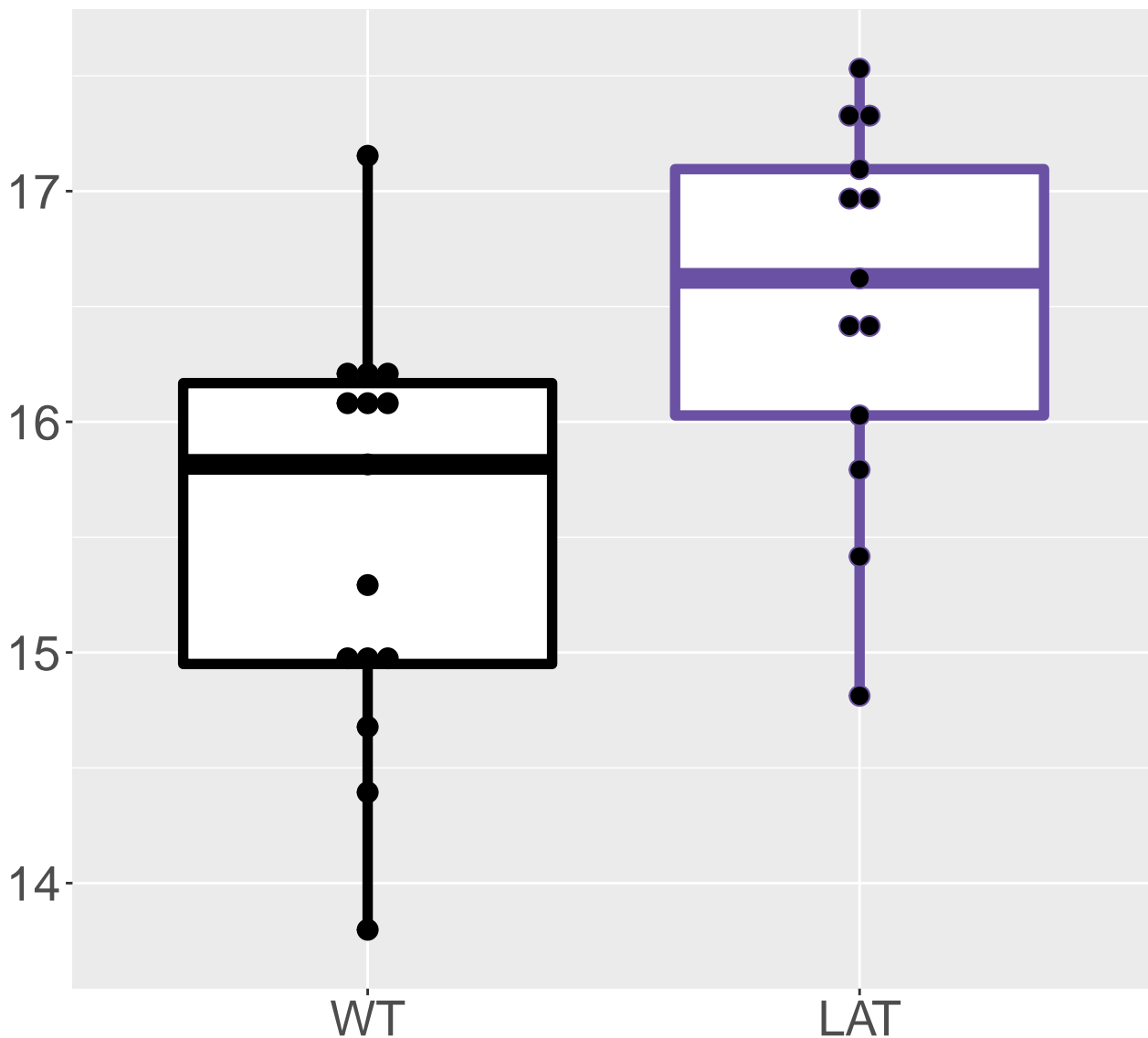
Argininosuccinic acid

FDR = 0.021, FC = 1



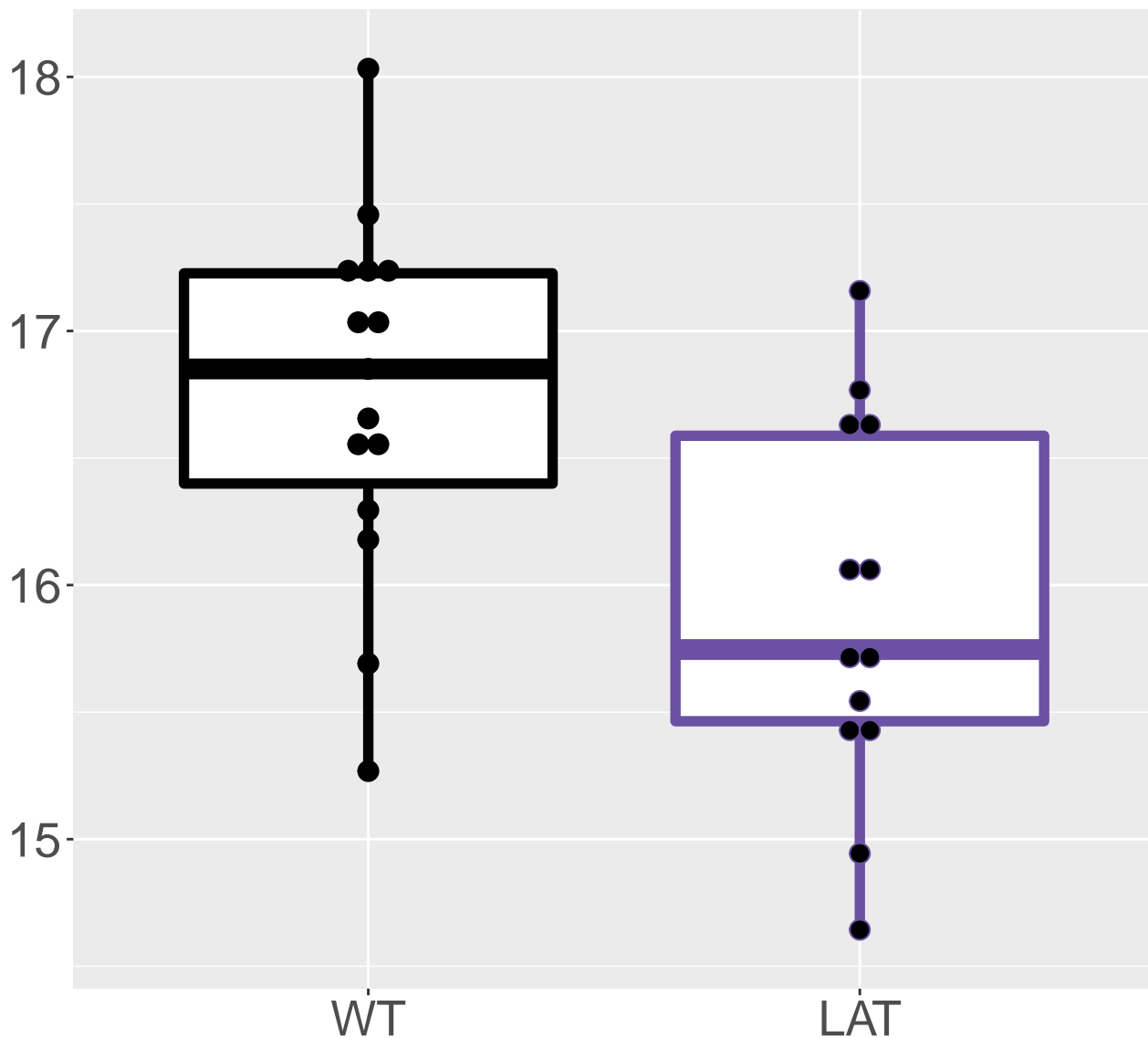
M228.1607T88.67

FDR = 0.021, FC = 0.99



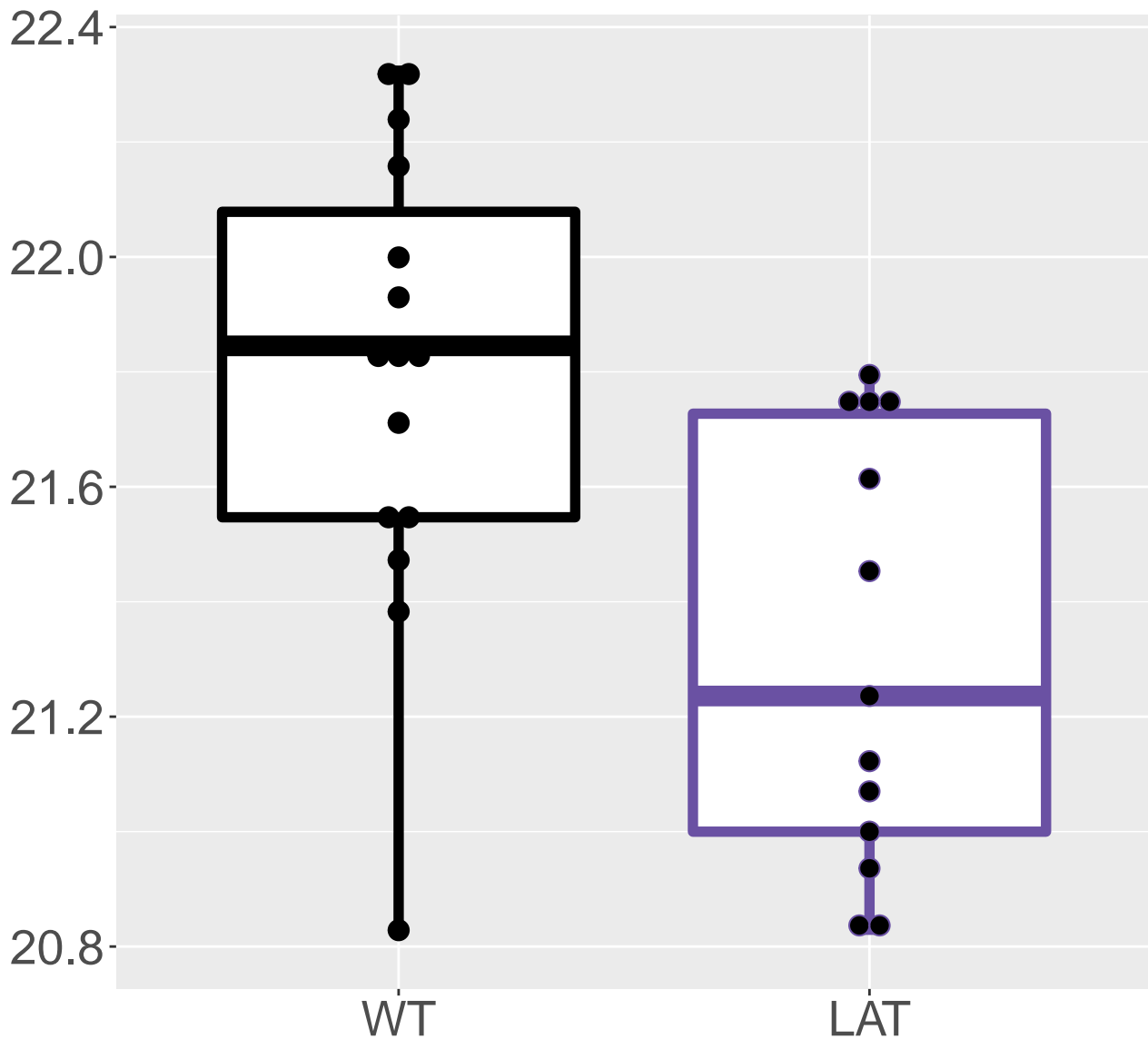
M222.0444T397.16

FDR = 0.021, FC = -0.85



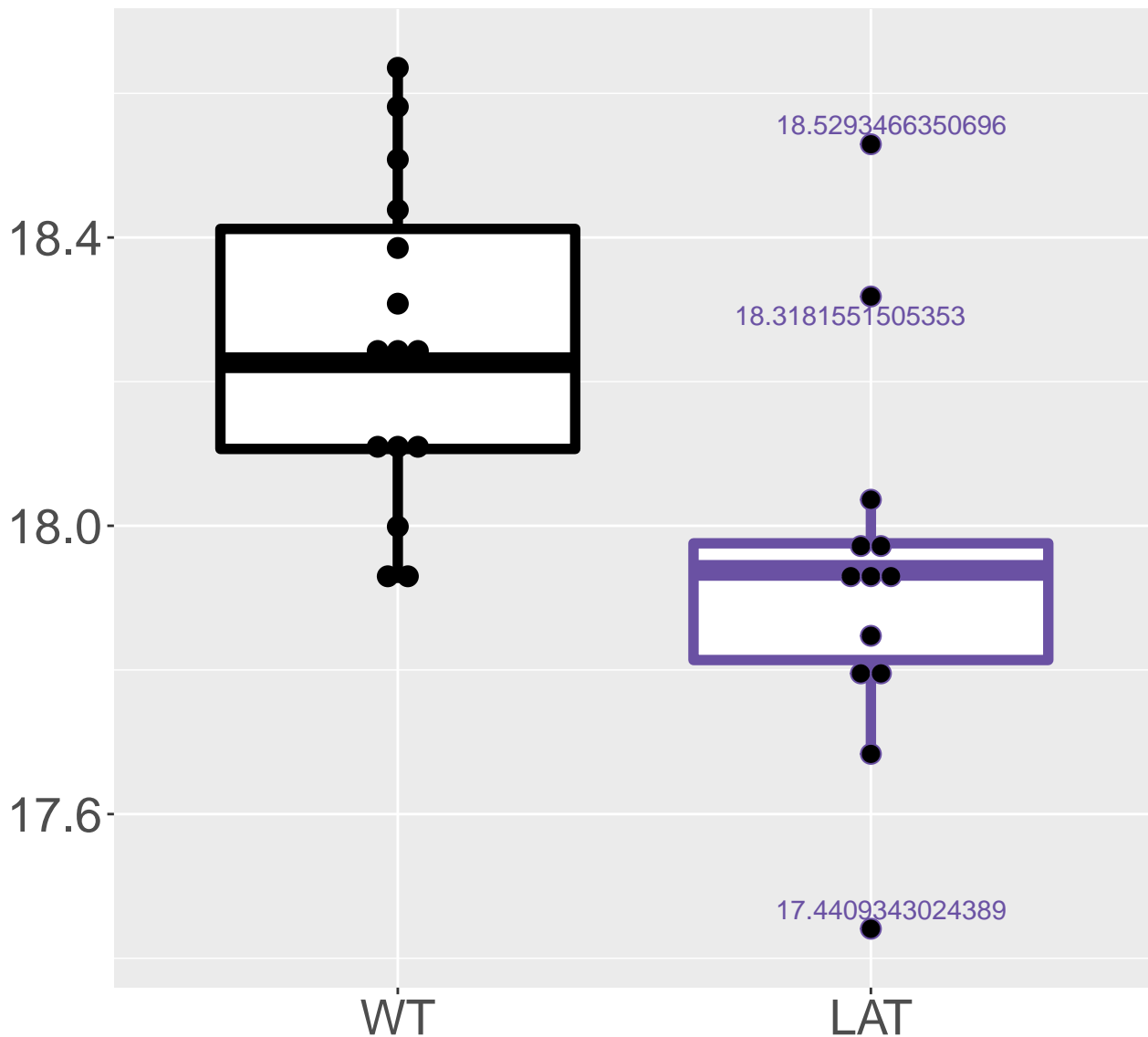
M132.0126T180.03

FDR = 0.021, FC = -0.48

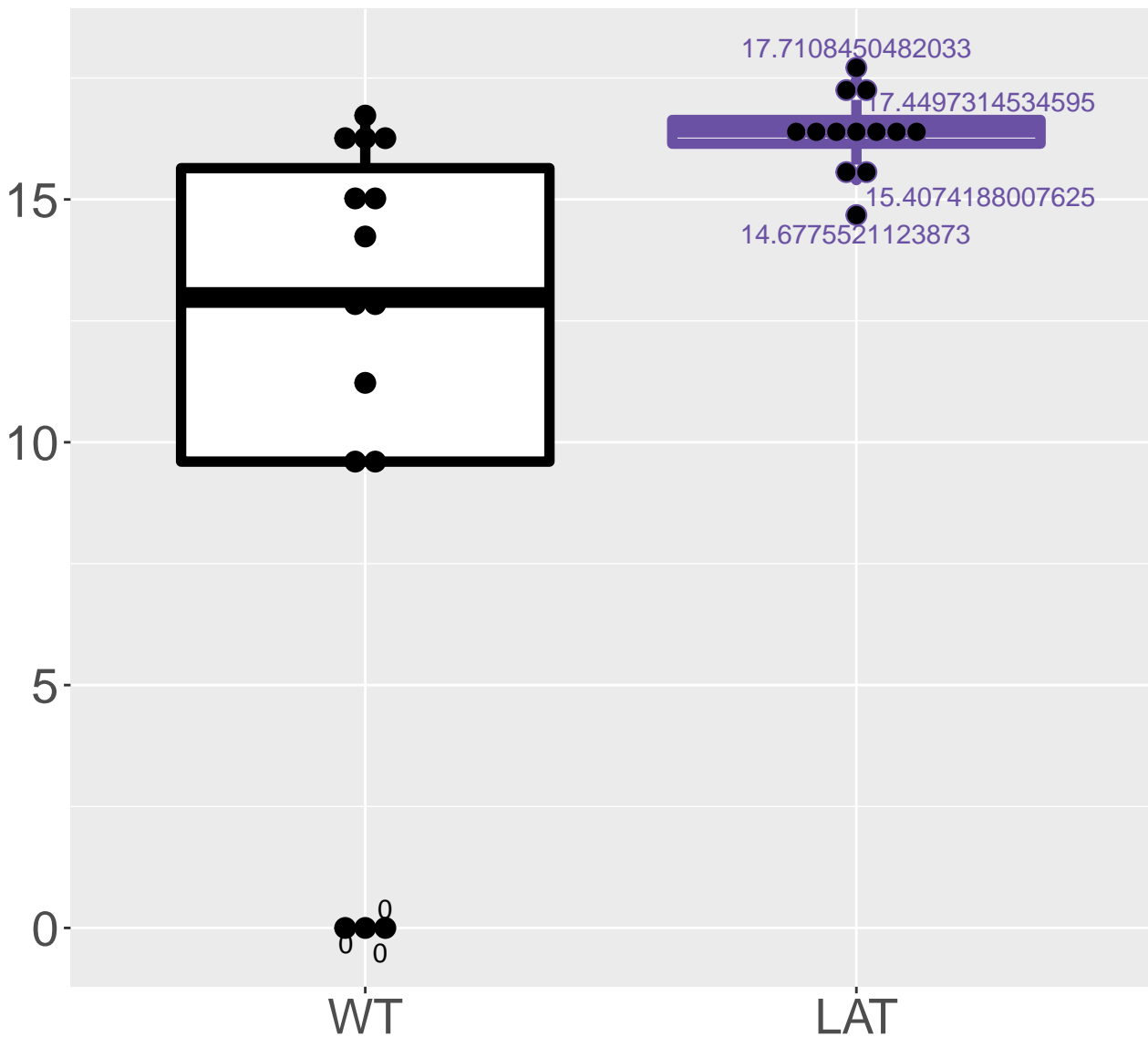


M278.0212T78.3_1

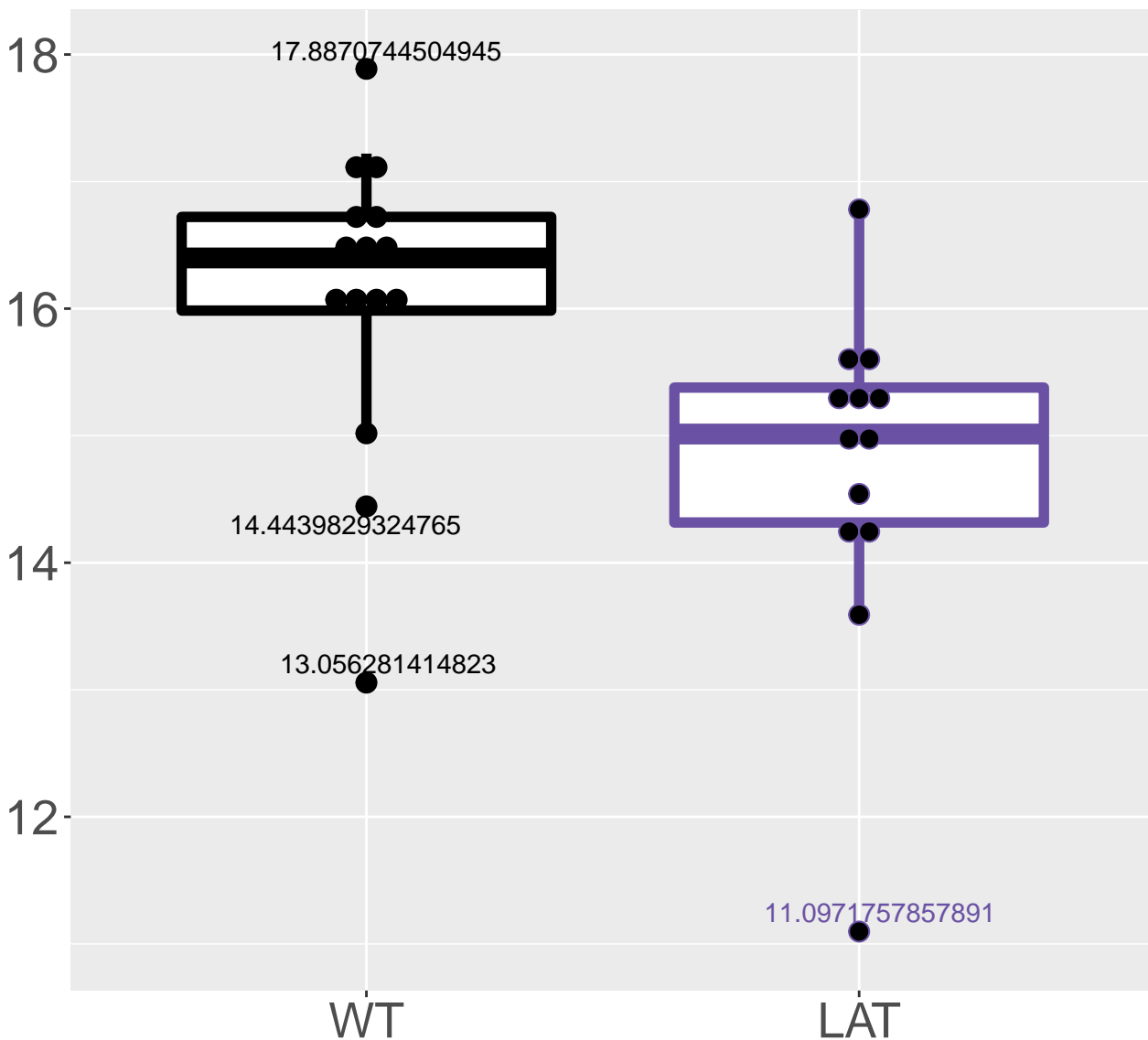
FDR = 0.021, FC = -0.31



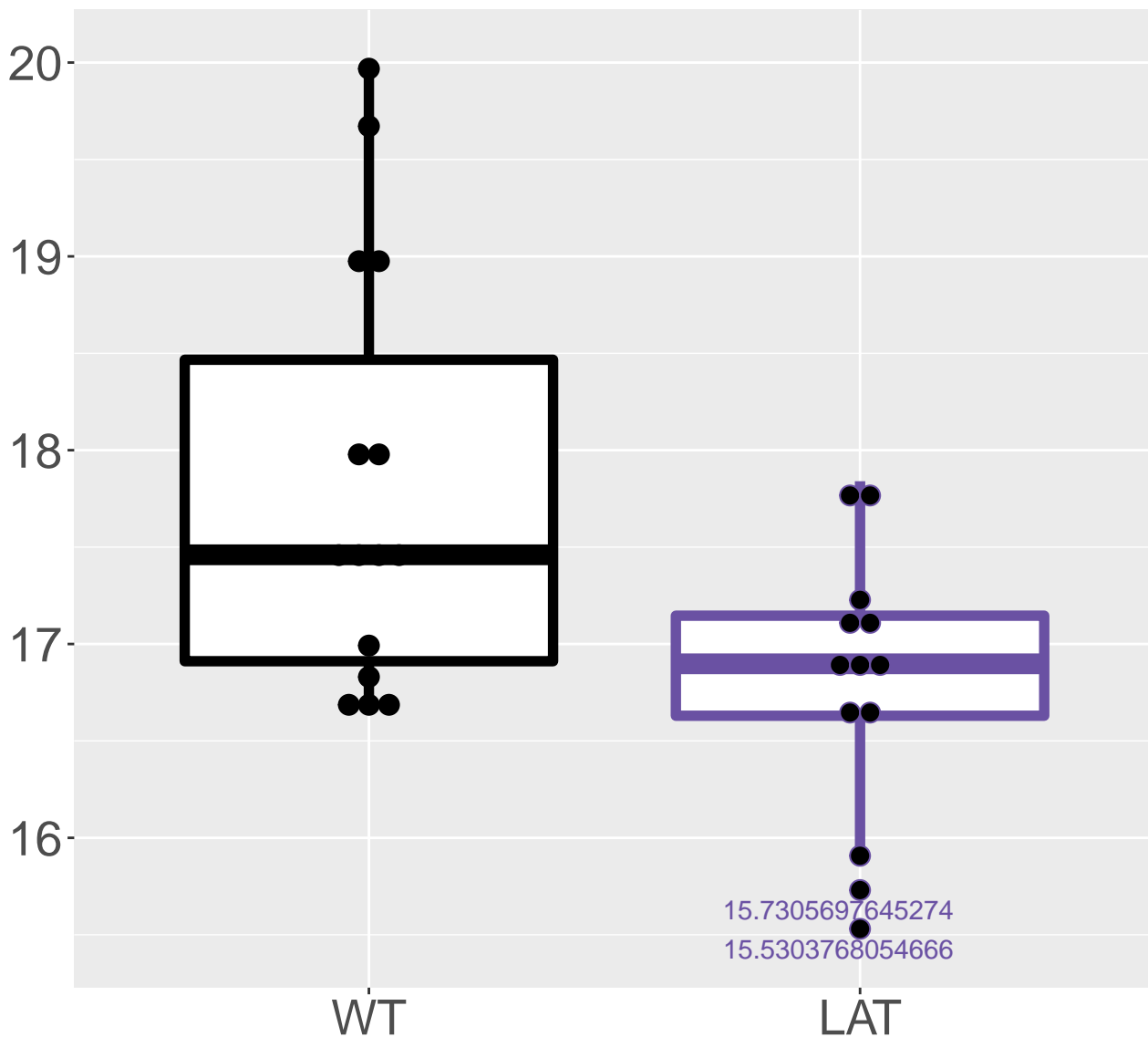
M716.6772T574.26_1
FDR = 0.021, FC = 5.3



FDR = 0.021, FC = -1.4

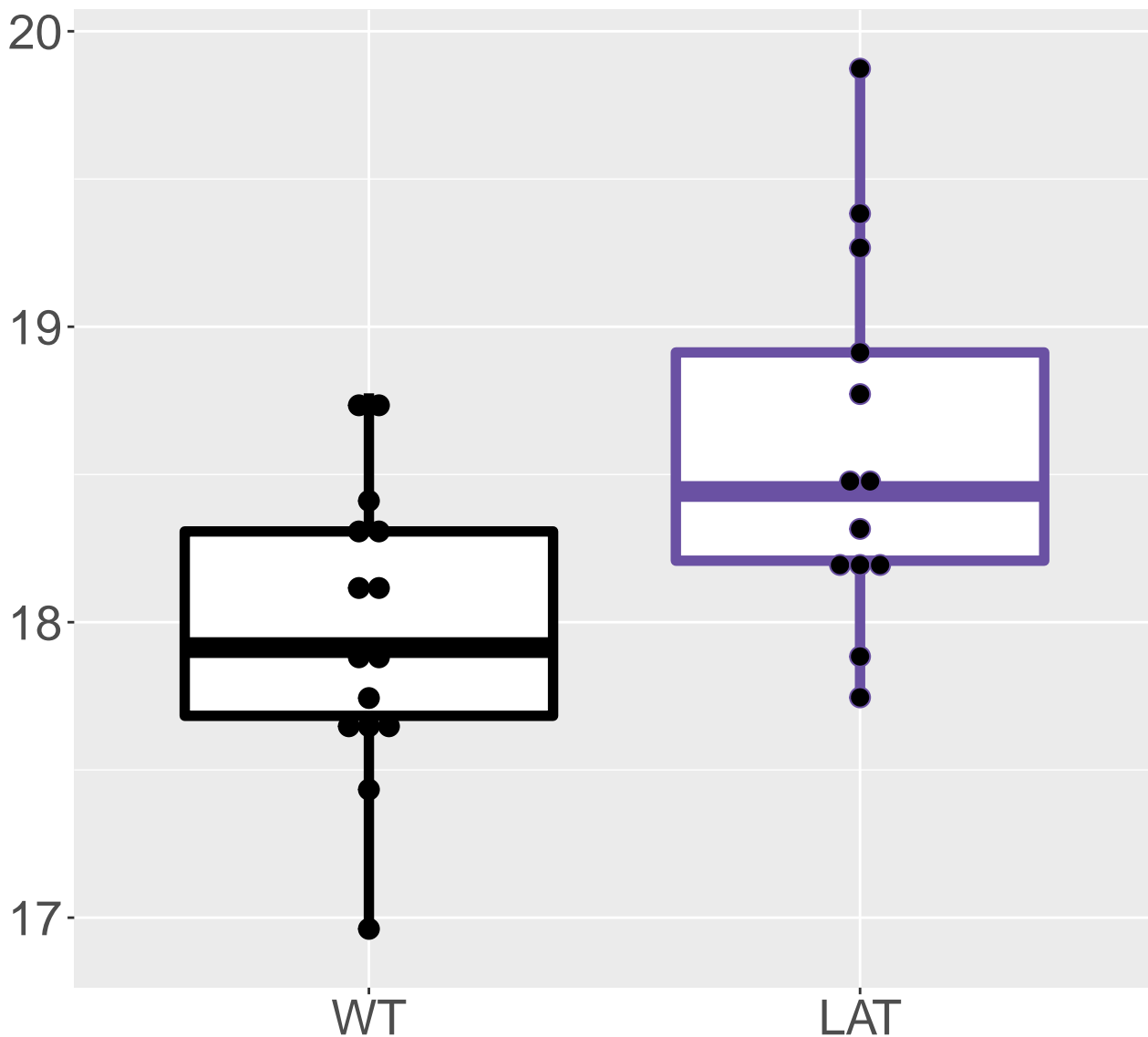


2-Oxohexanoic acid; L-Ketocaproic acid; 2-Ketocaproic acid
FDR = 0.021, FC = -1

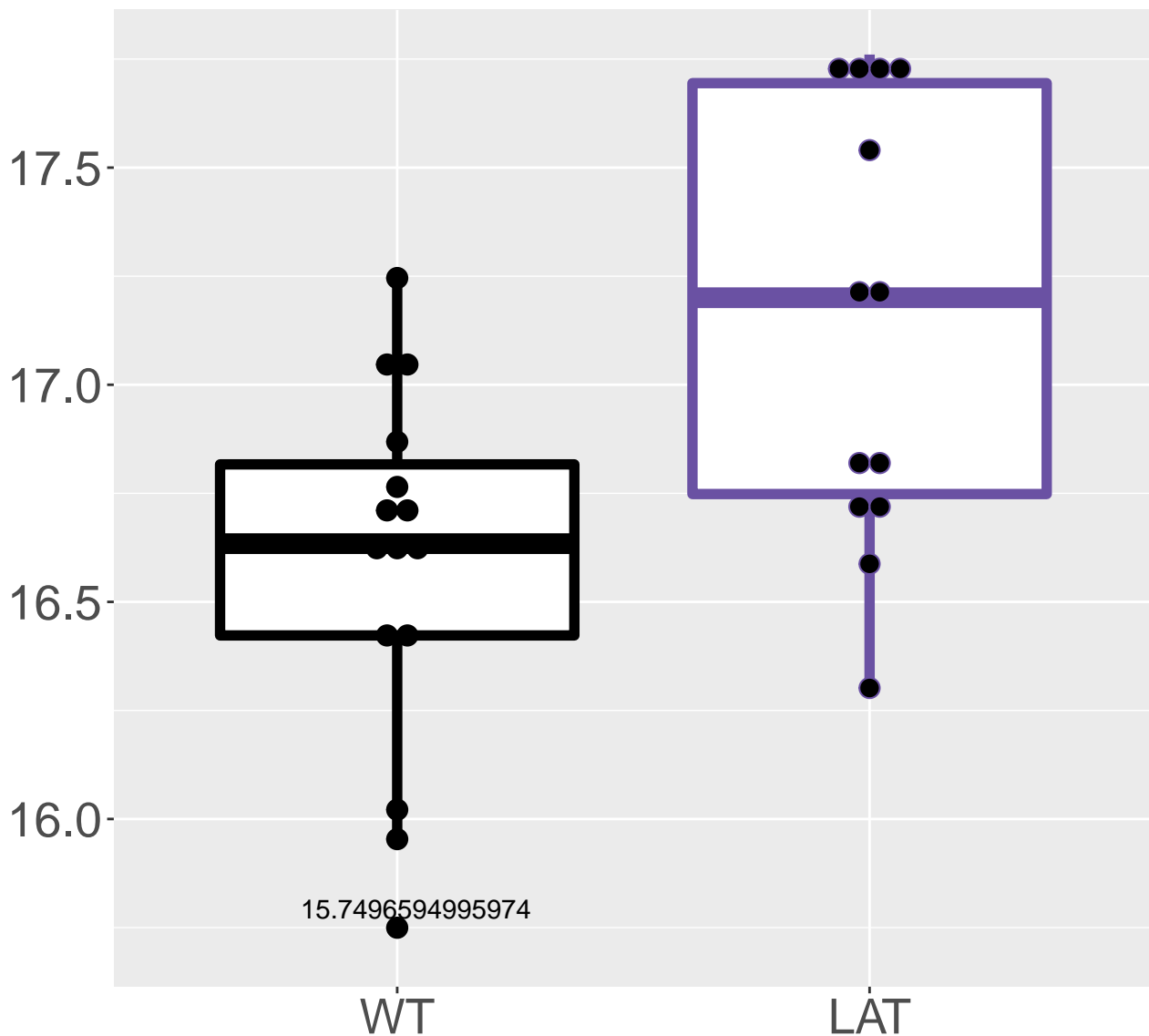


M426.0229T526.63

FDR = 0.021, FC = 0.62

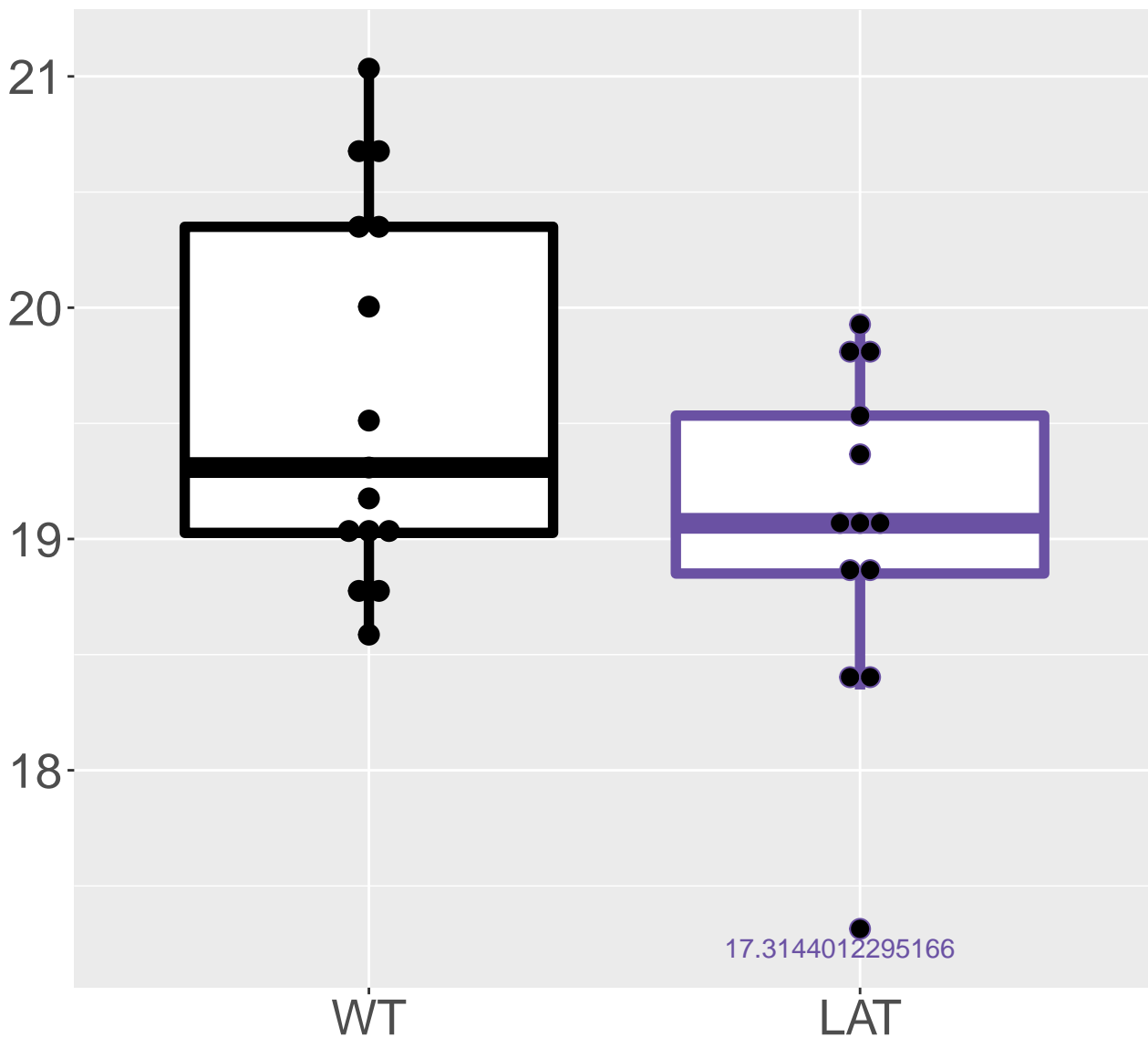


M217.3816T589.18_2
FDR = 0.021, FC = 0.55

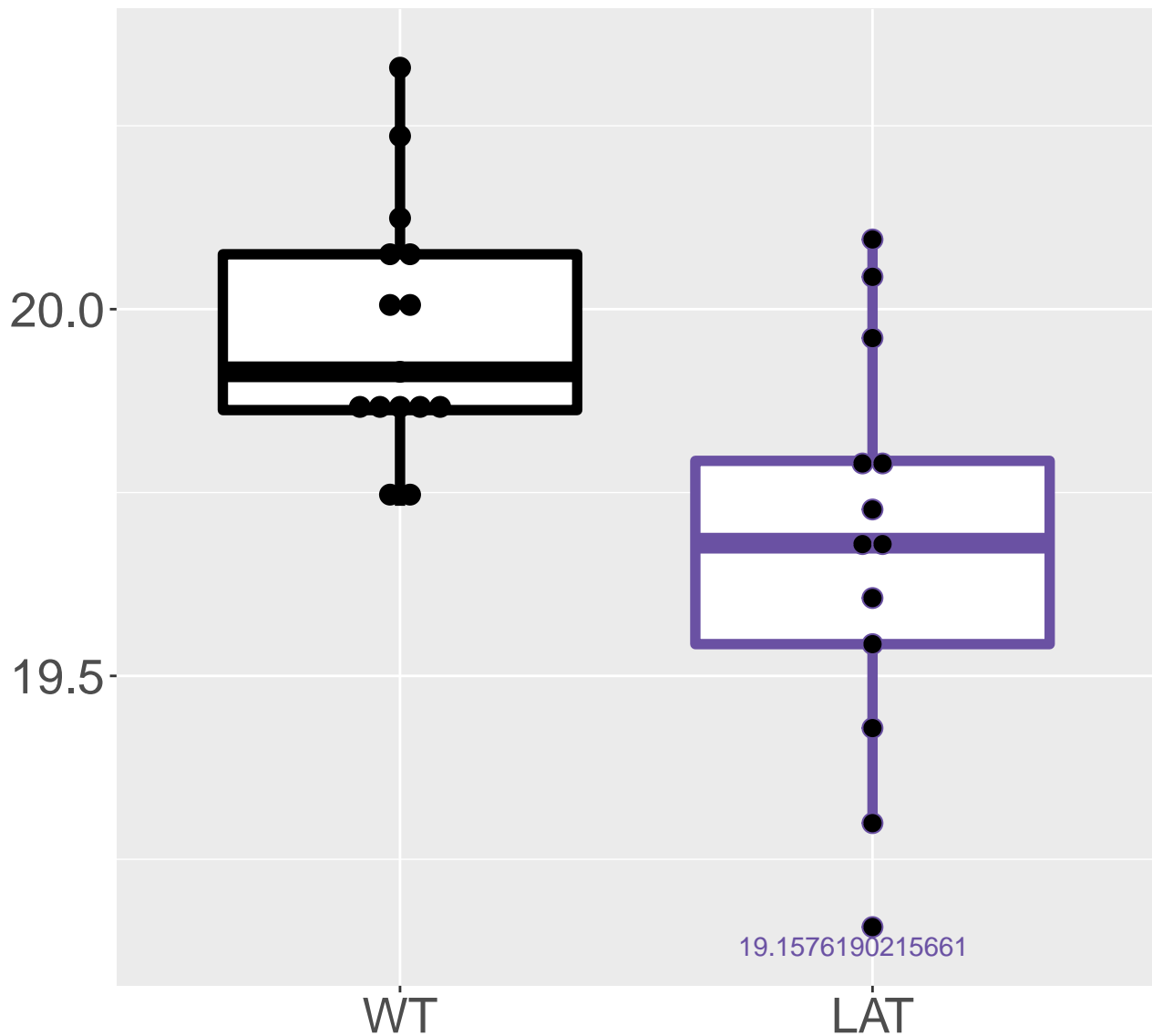


M509.4581T78.64

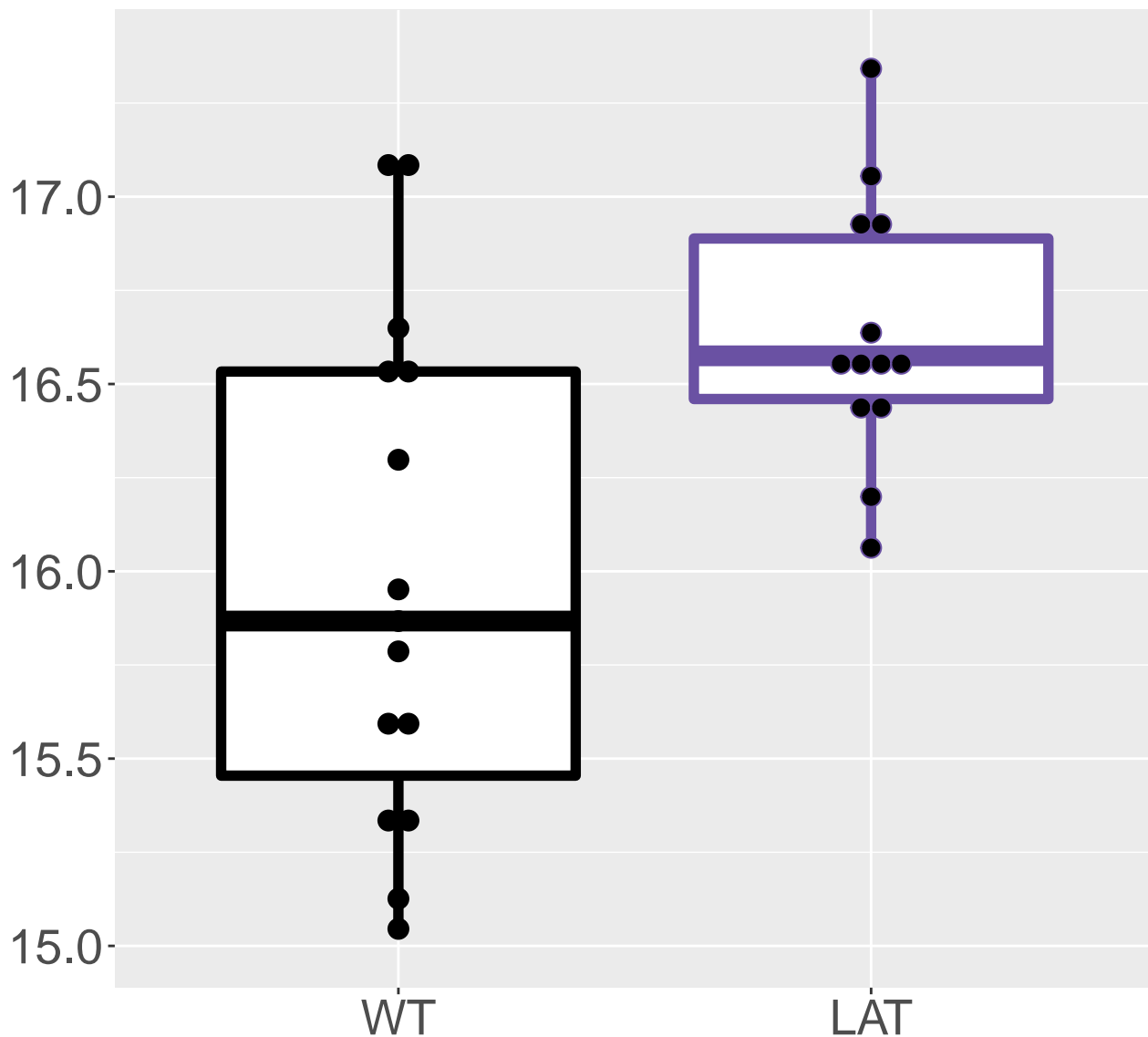
FDR = 0.021, FC = -0.58, sex**



M602.1429T568.04
FDR = 0.022, FC = -0.3

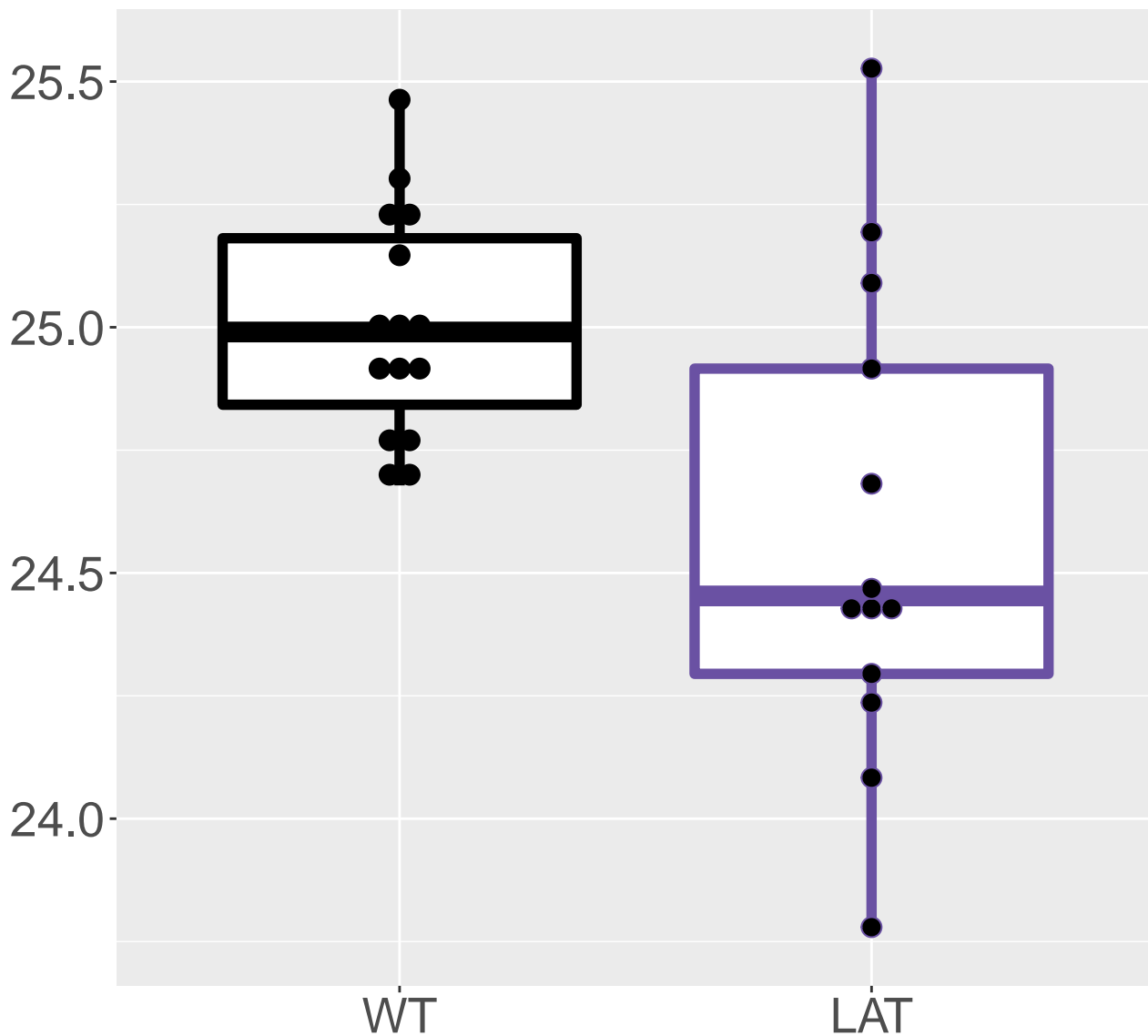


M475.1245T503.97
FDR = 0.022, FC = 0.65



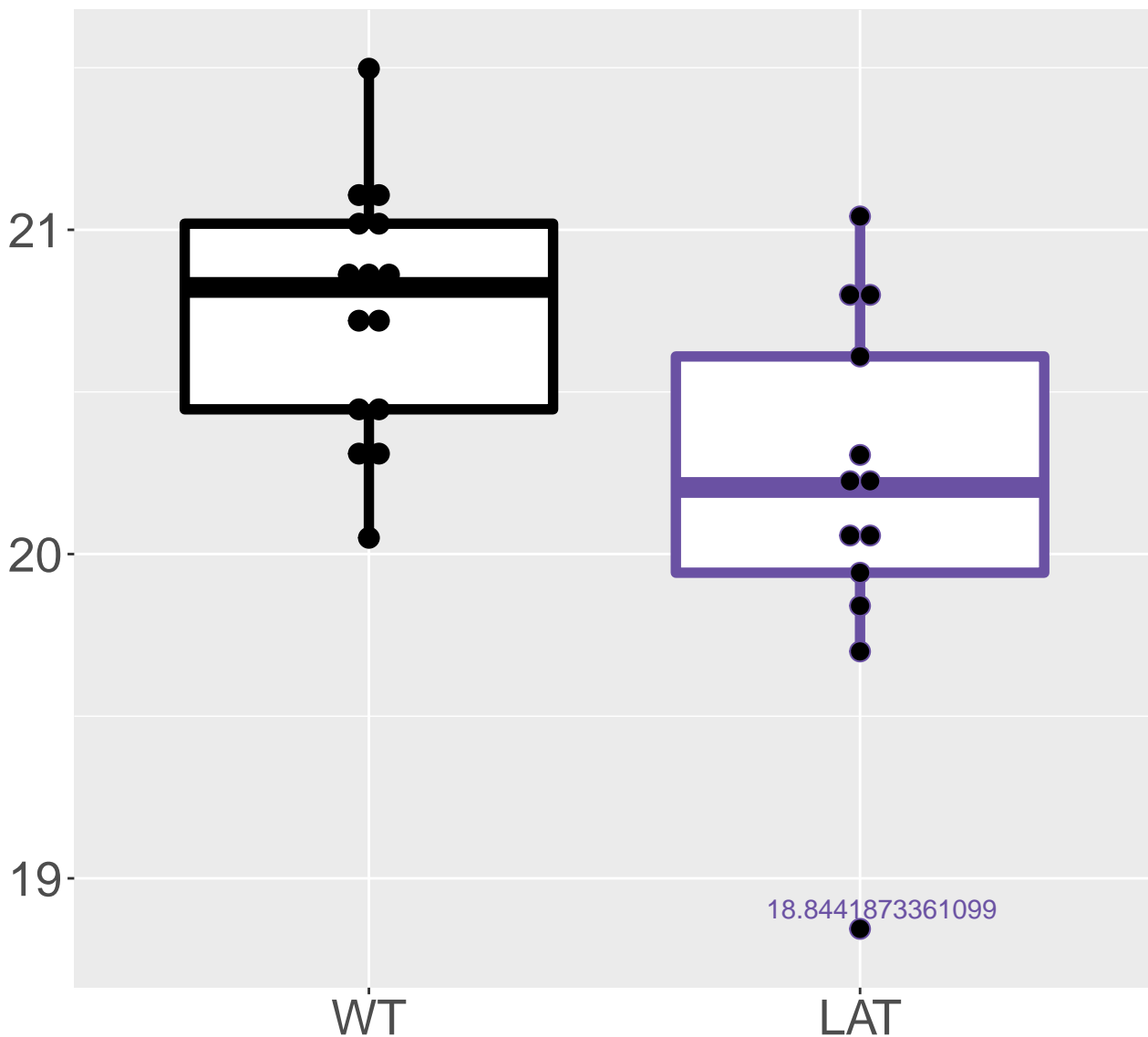
M91.04T230.99

FDR = 0.022, FC = -0.42

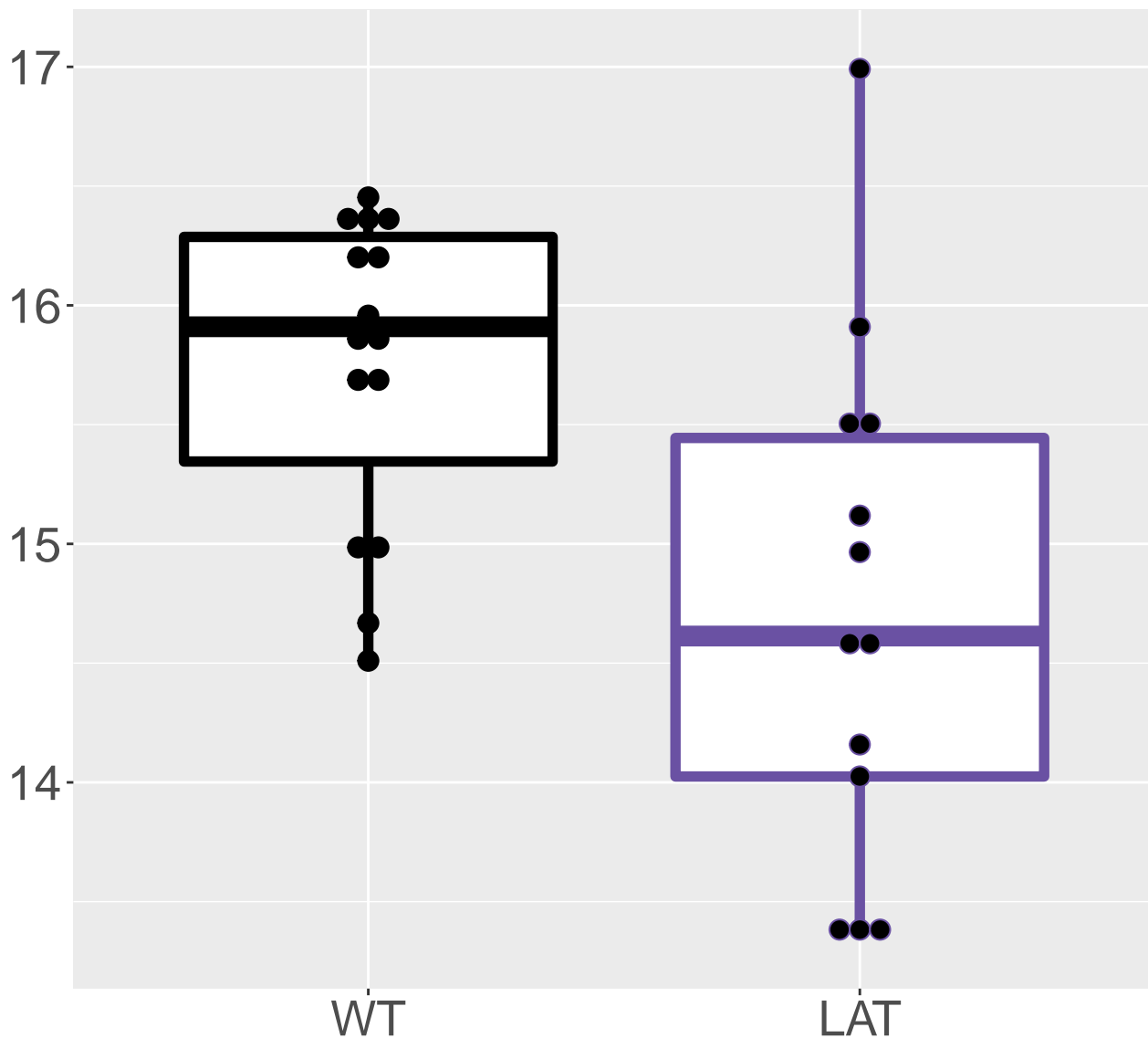


M300.0092T350.84

FDR = 0.022, FC = -0.57

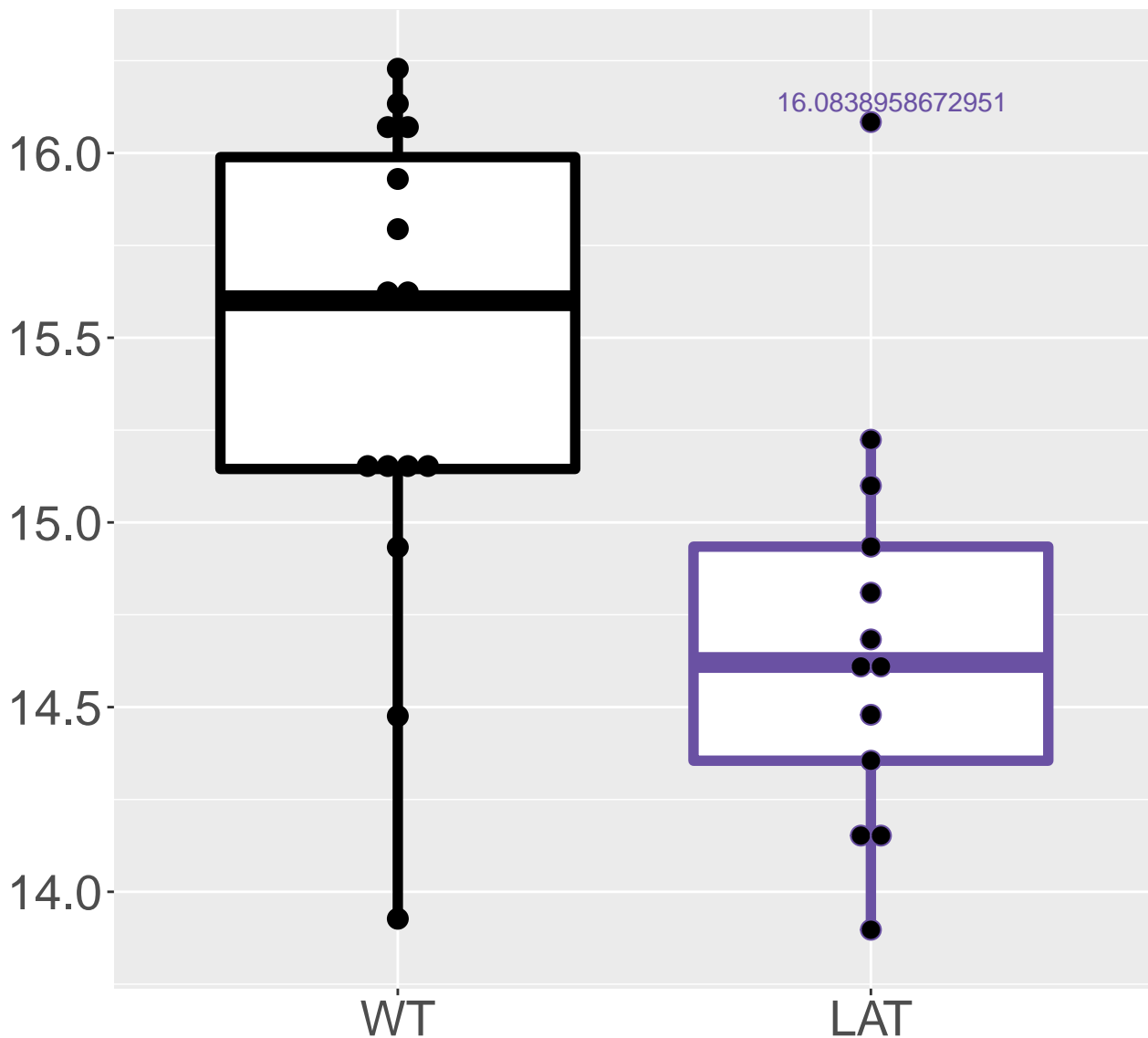


Genistein|Apigenin
FDR = 0.023, FC = -1

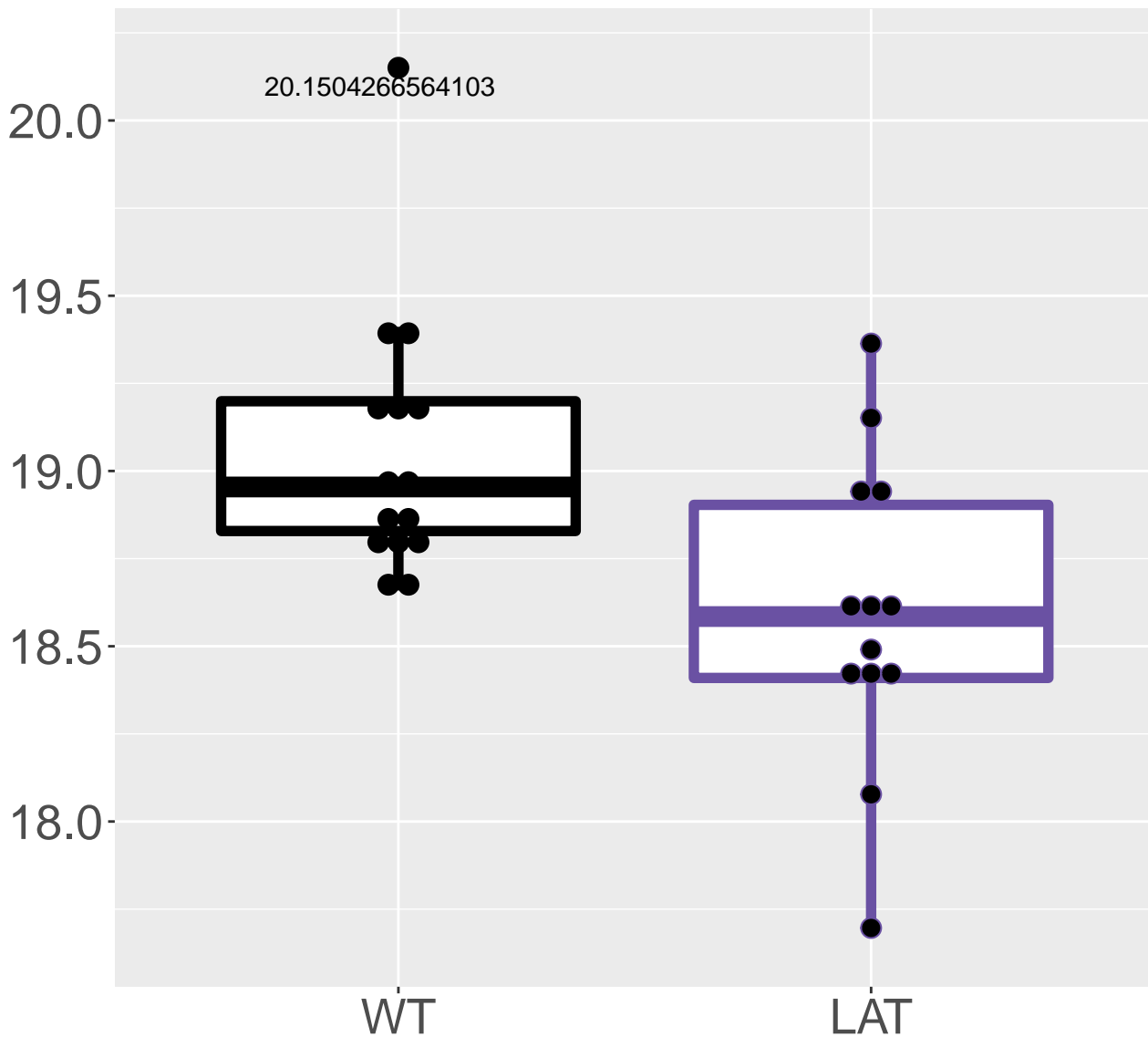


M712.2247T607.81

FDR = 0.023, FC = -0.73

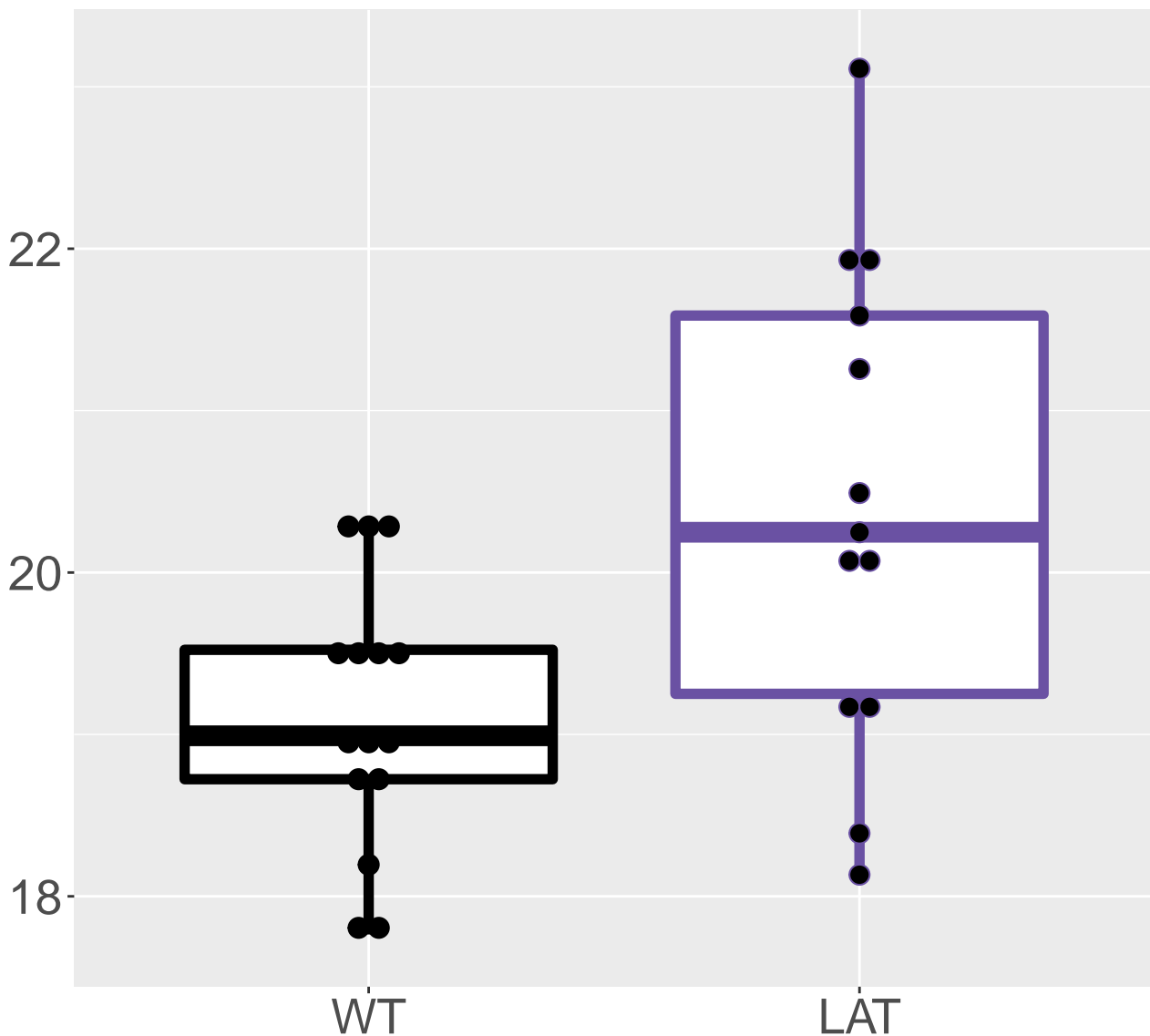


M699.1164T564.04
FDR = 0.023, FC = -0.46

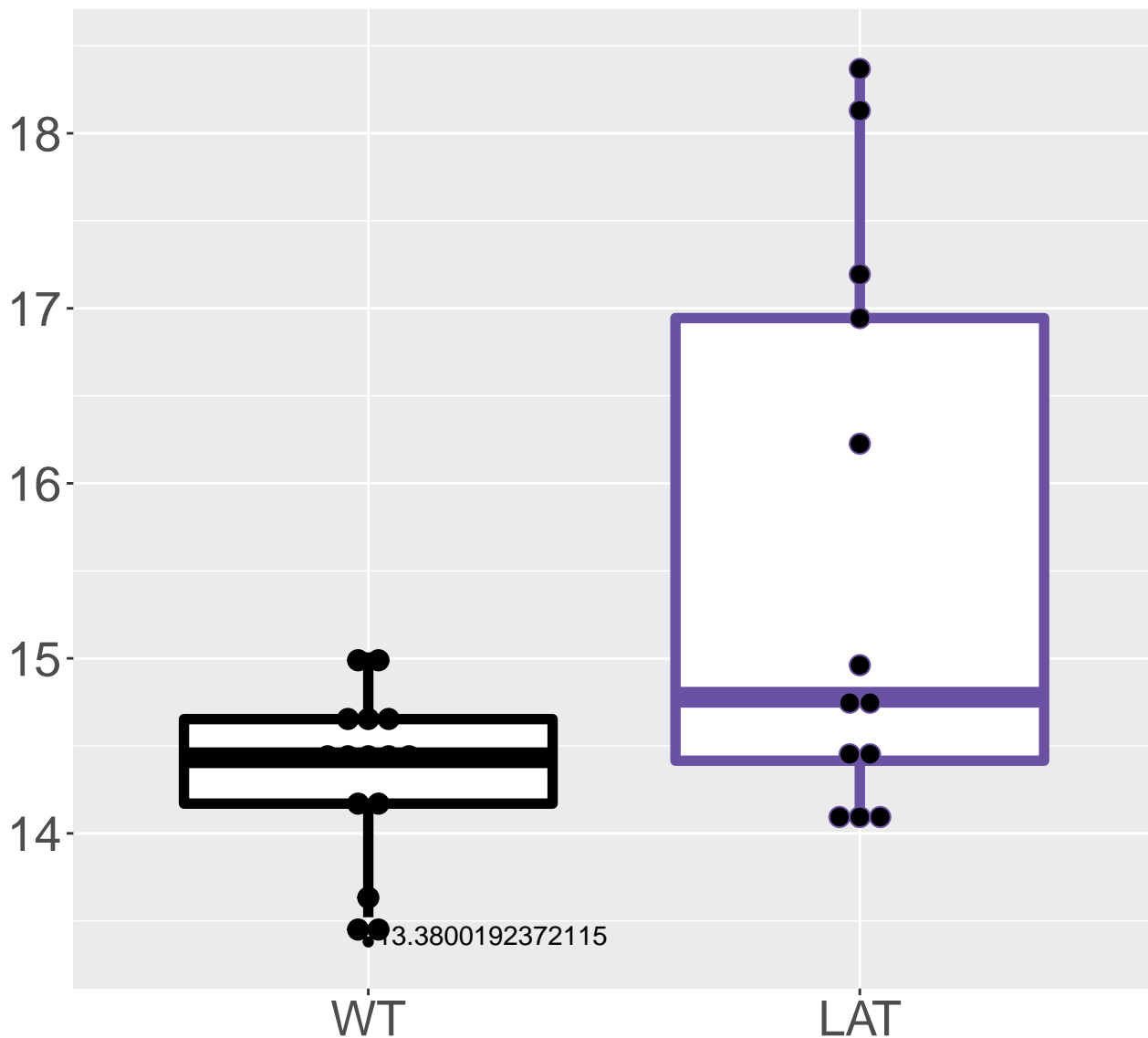


M112.9374T699.03

FDR = 0.023, FC = 1.3

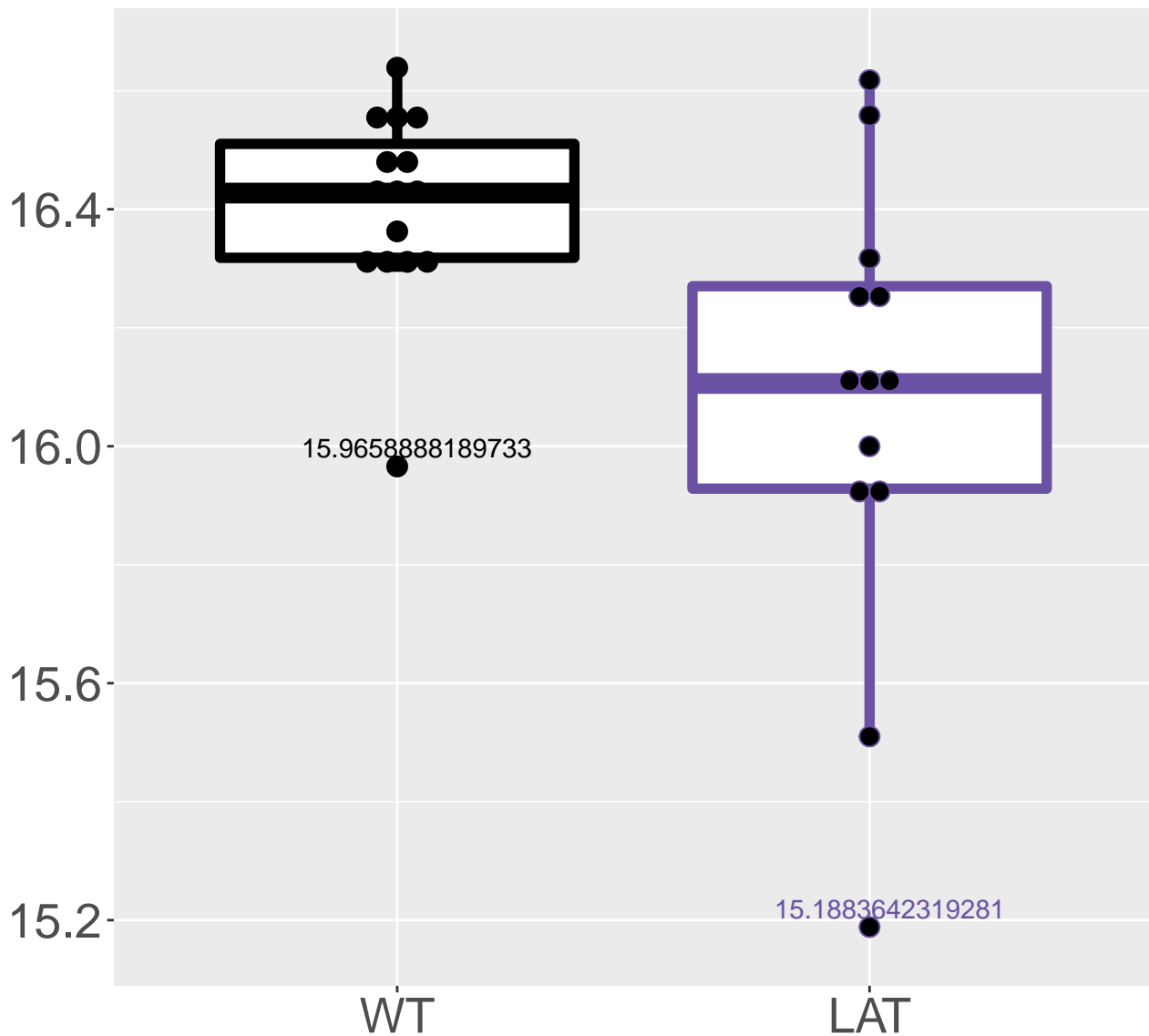


M316.0347T409.32
FDR = 0.023, FC = 1.2

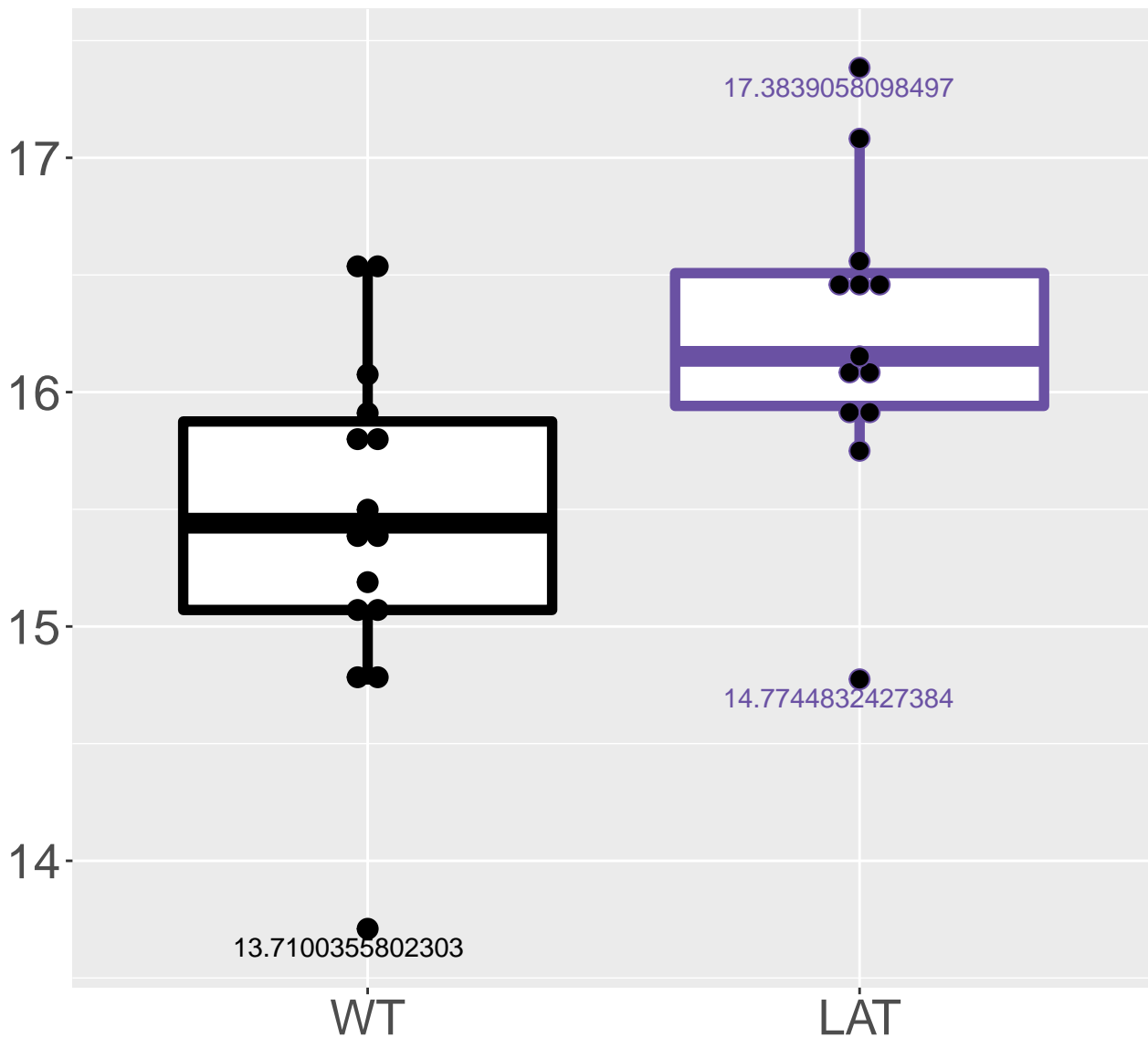


M195.9508T551.26

FDR = 0.023, FC = -0.34

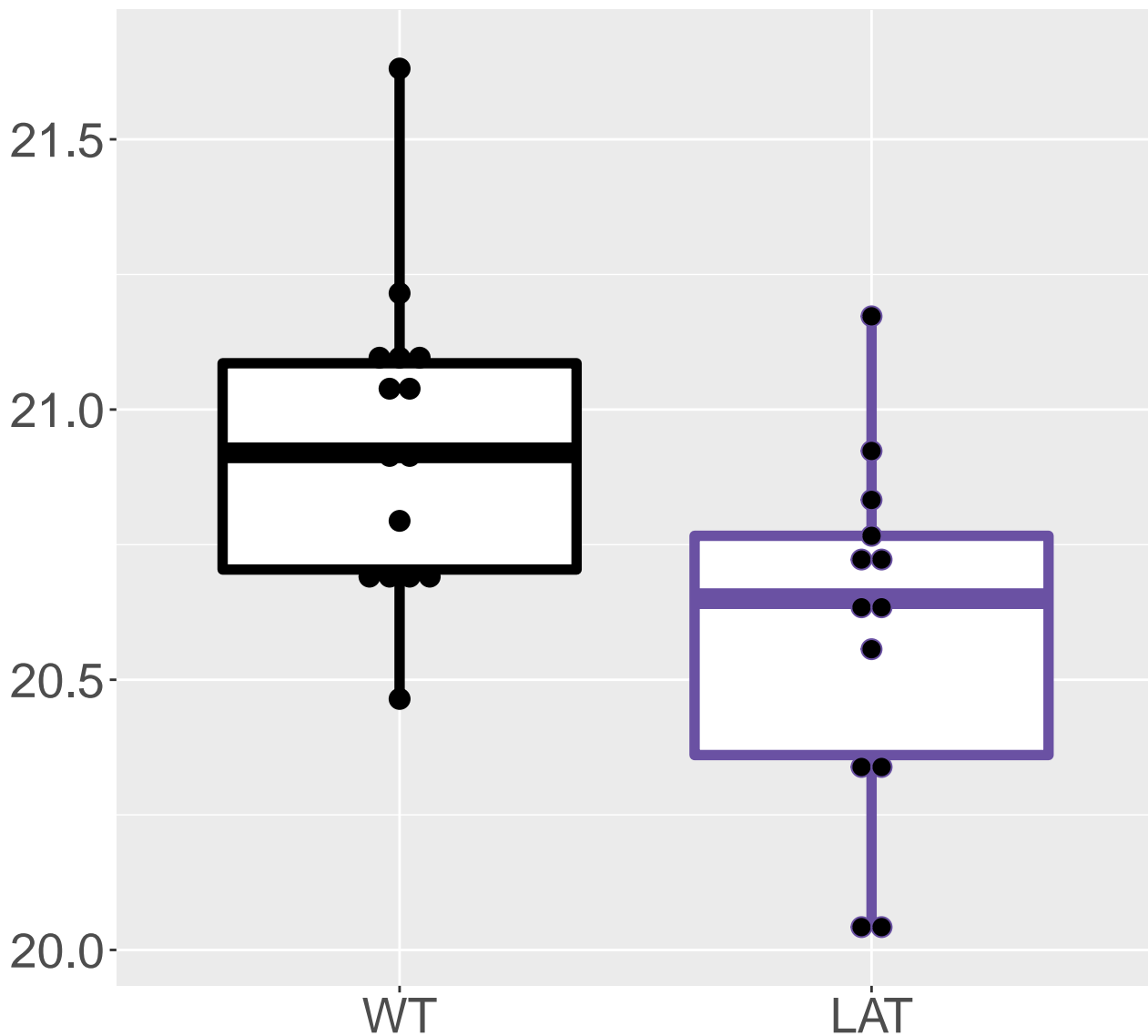


M267.5398T590.15
FDR = 0.024, FC = 0.8



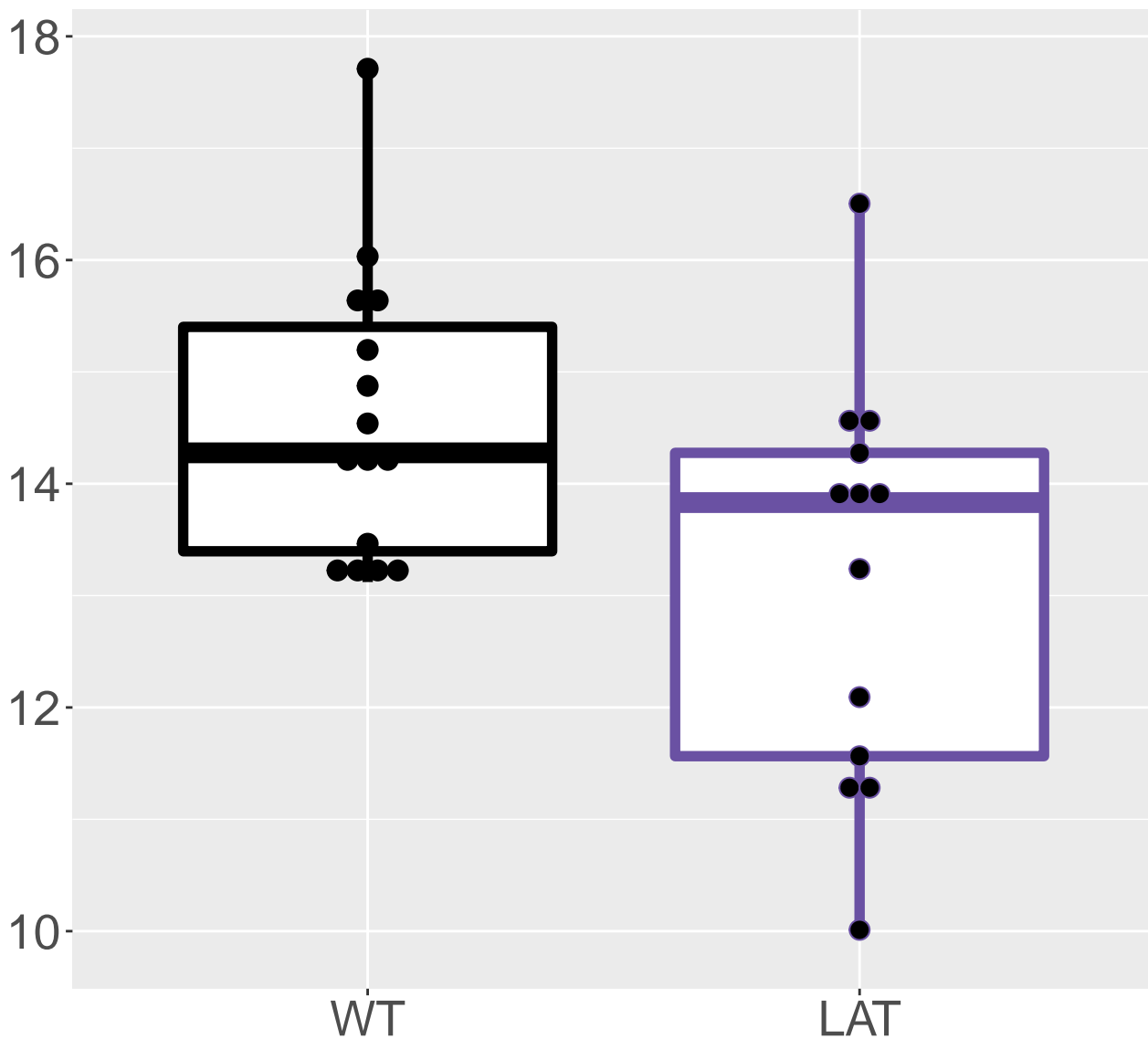
M189.0406T307.03

FDR = 0.024, FC = -0.34



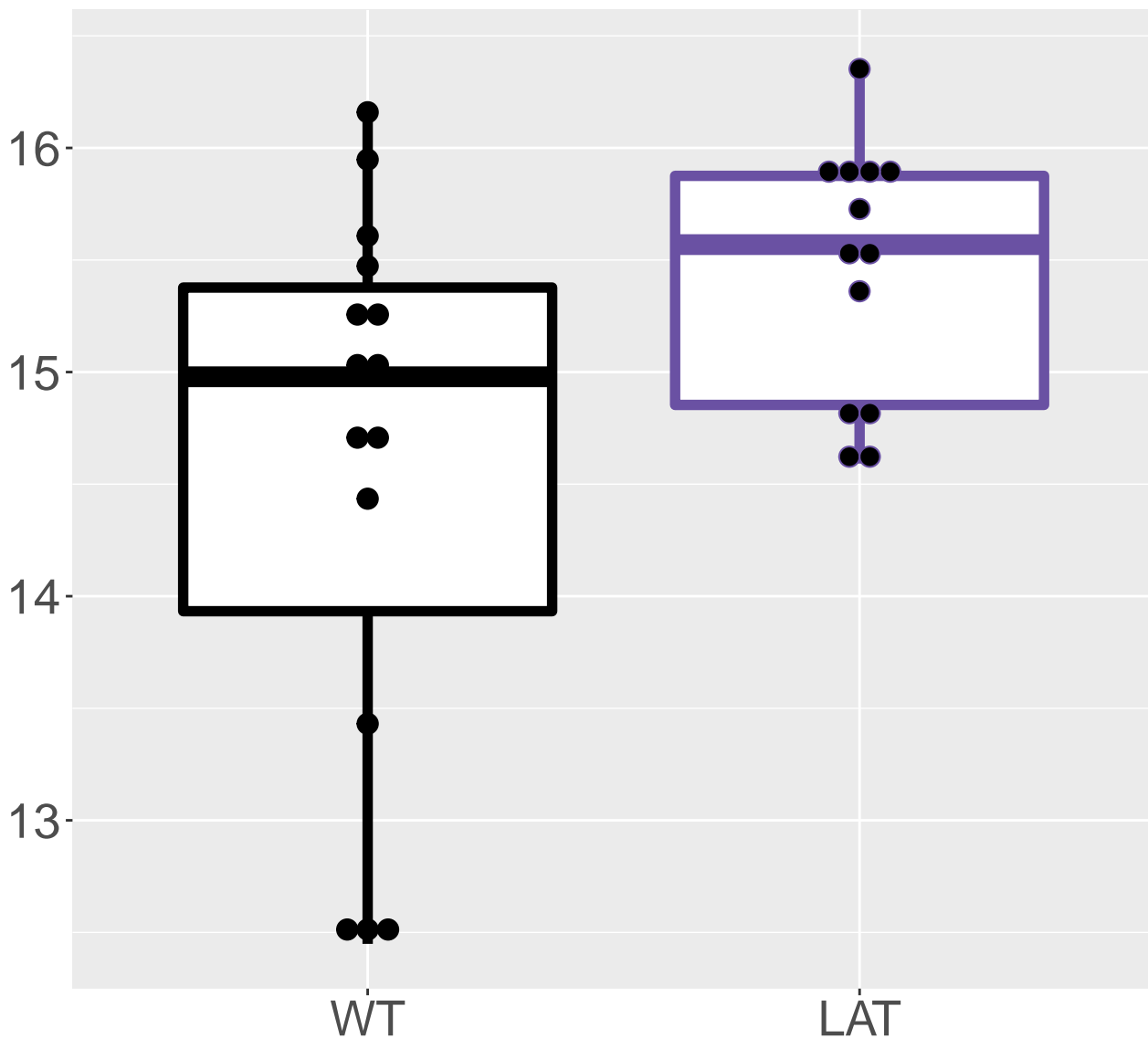
M244.0289T126.57

FDR = 0.024, FC = -1.4



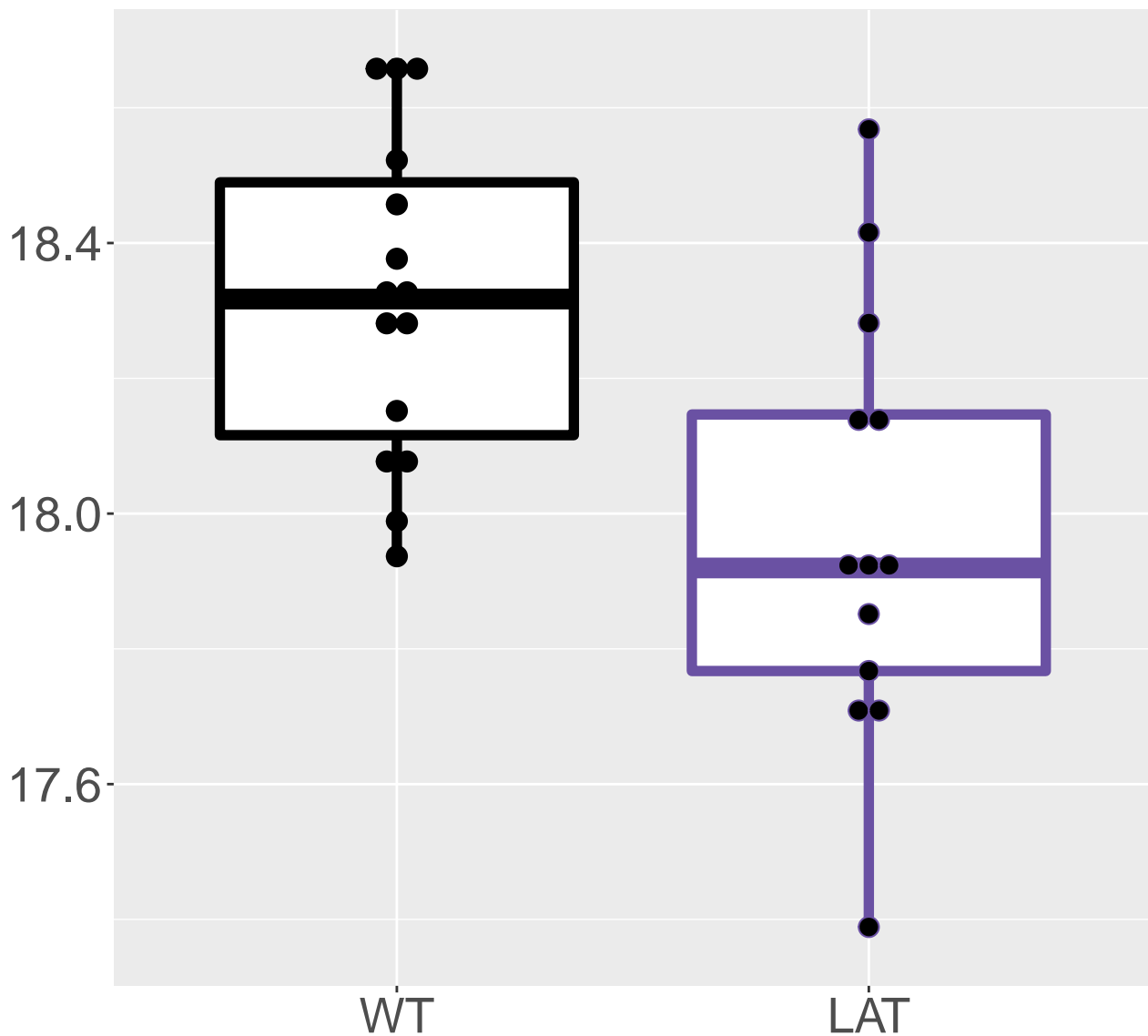
M383.0771T541.73

FDR = 0.024, FC = 0.88, sex*



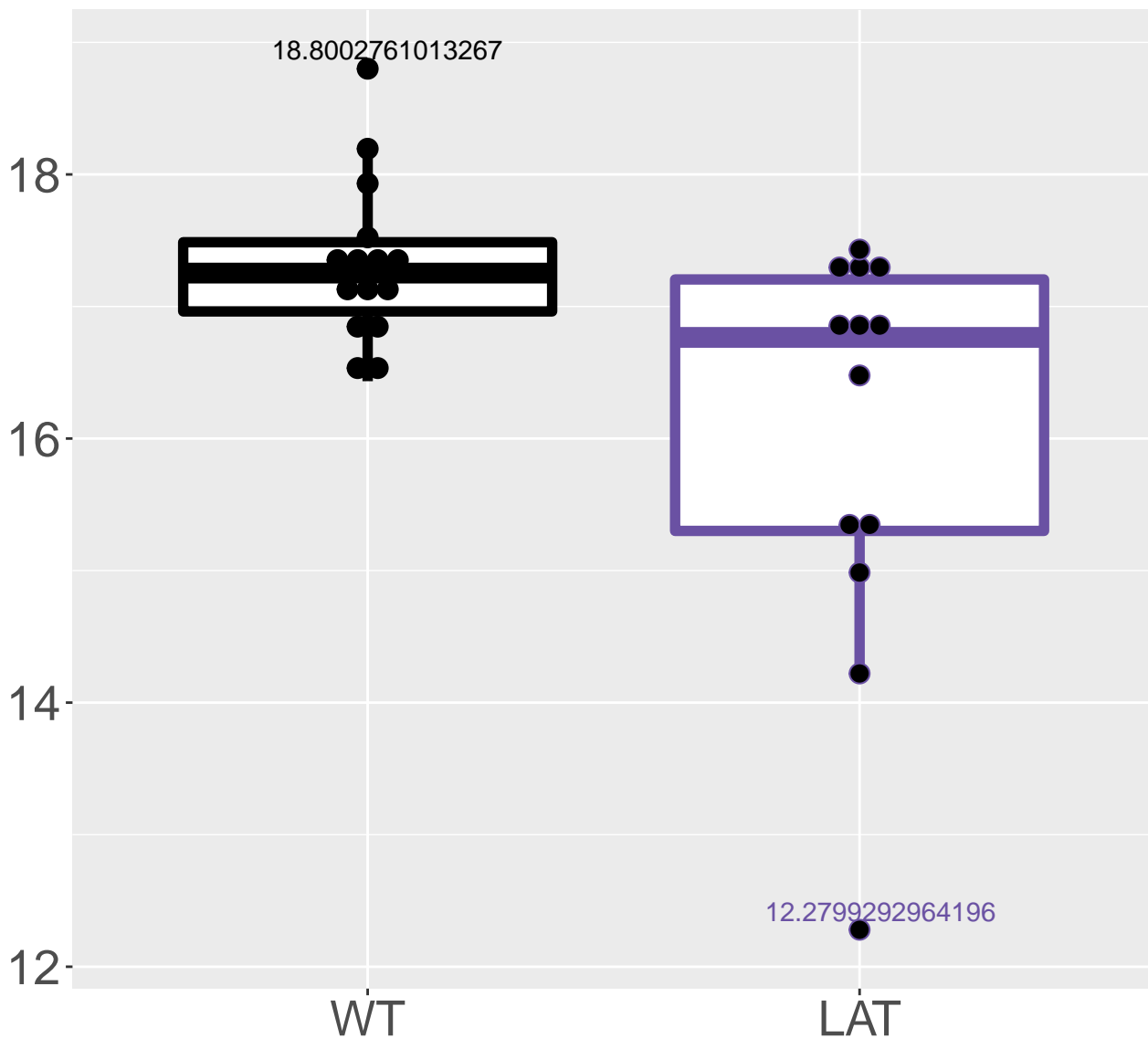
M264.9922T78.28

FDR = 0.024, FC = -0.34

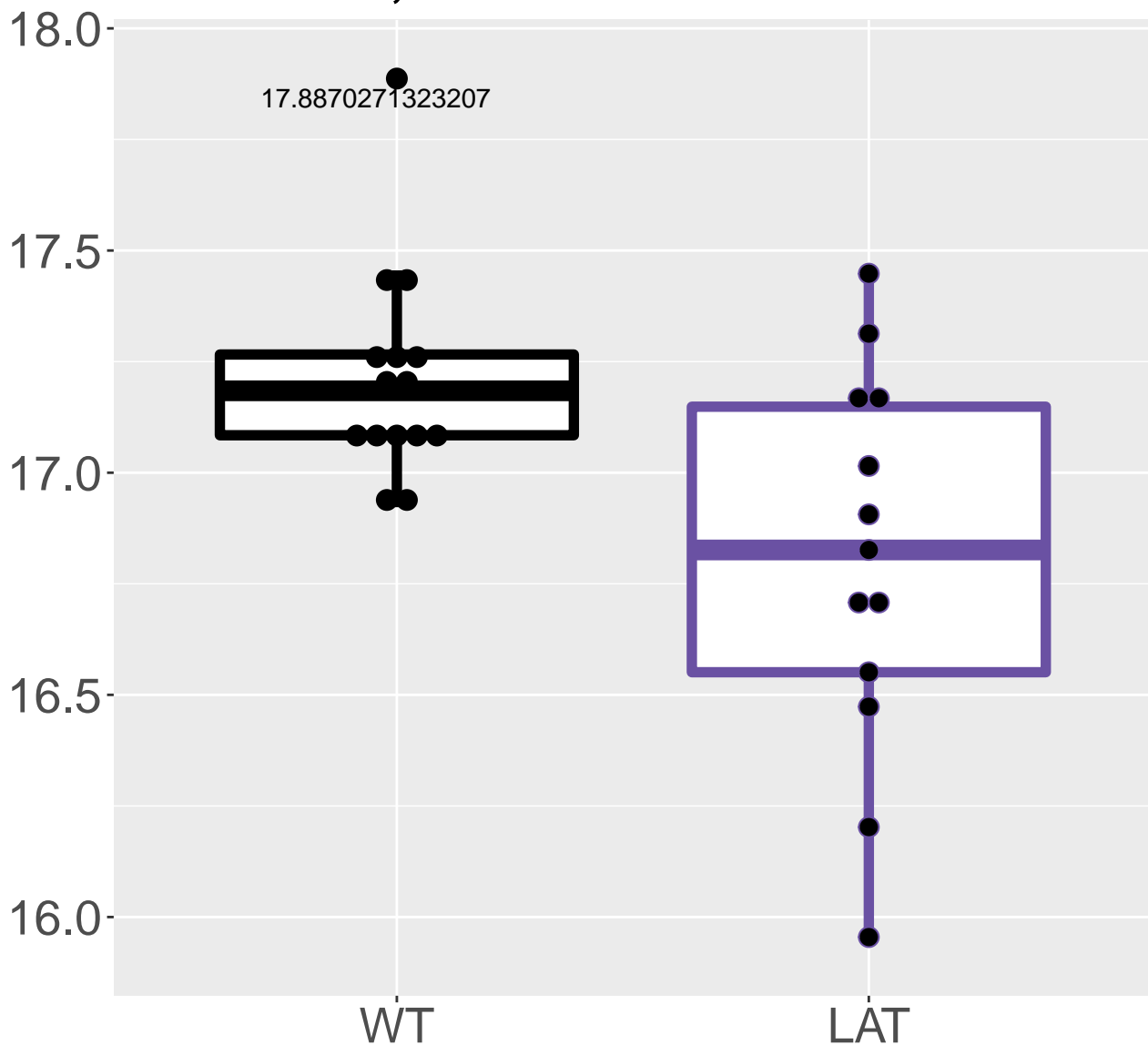


M174.0157T170.05

FDR = 0.024, FC = -1.3

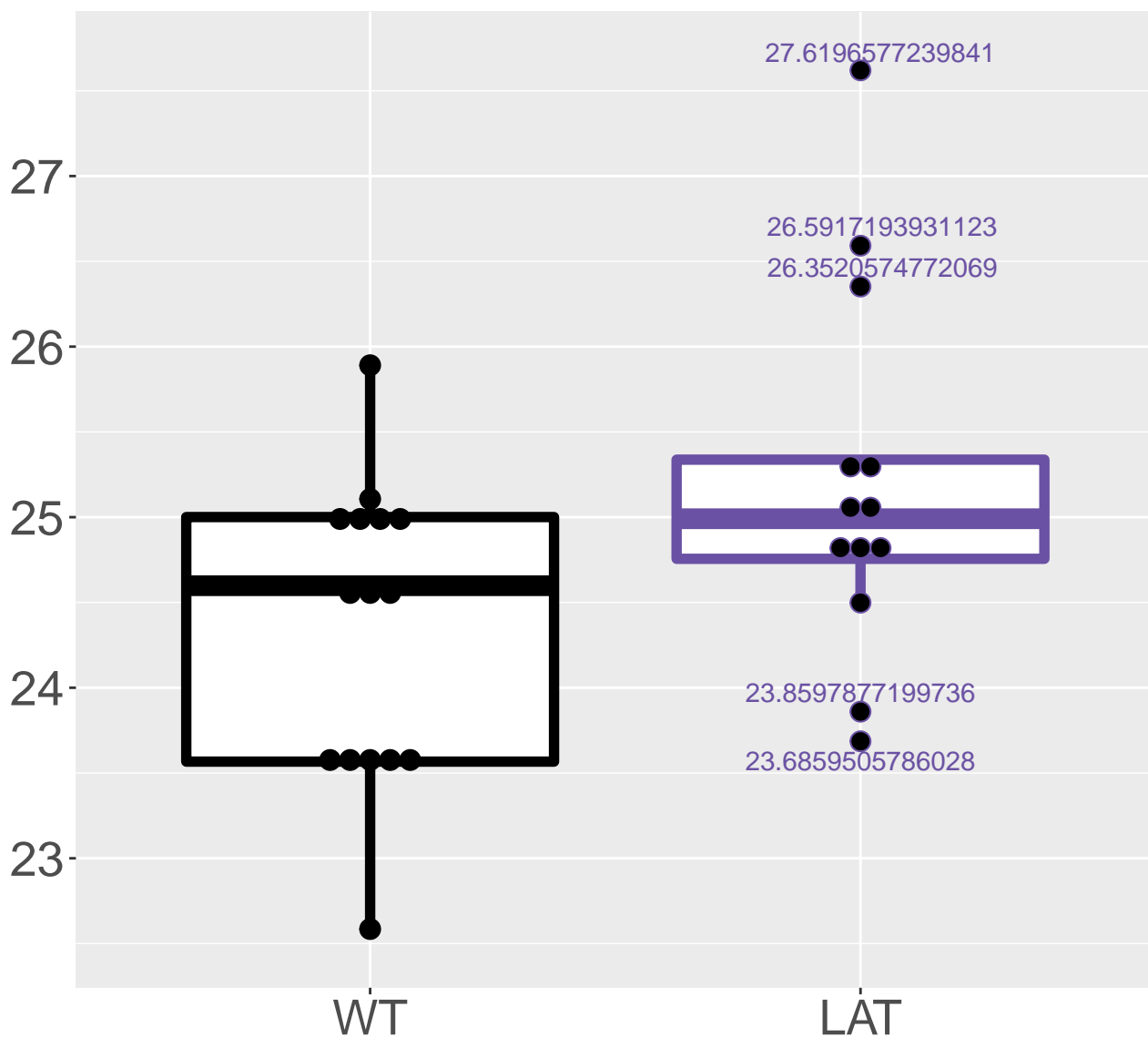


M148.0617T488.77
FDR = 0.025, FC = -0.41



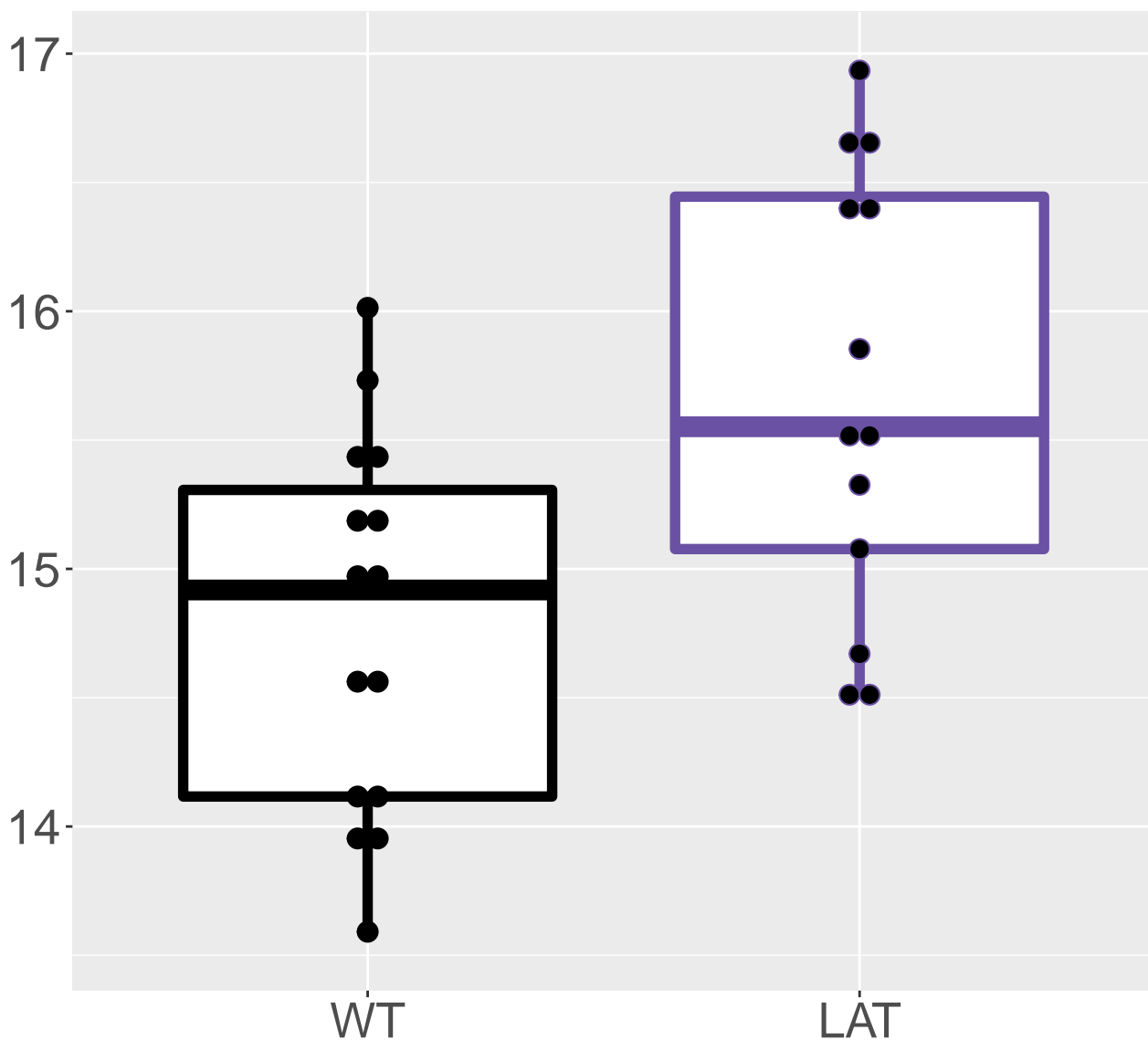
Taurocholic acid;Taurocholate;Cholic acid tauri

FDR = 0.025, FC = 0.88, sex*

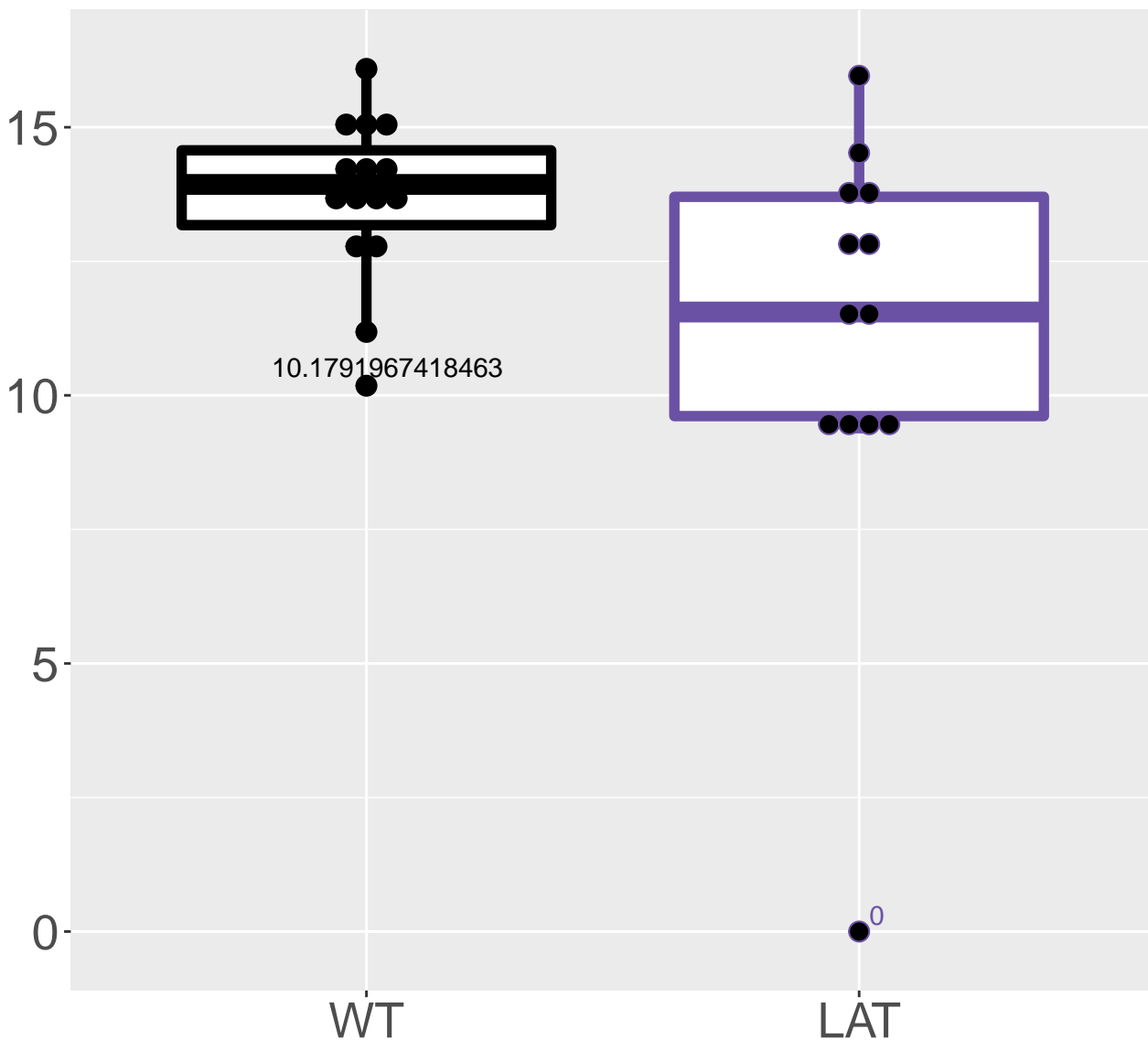


M496.6023T540.98

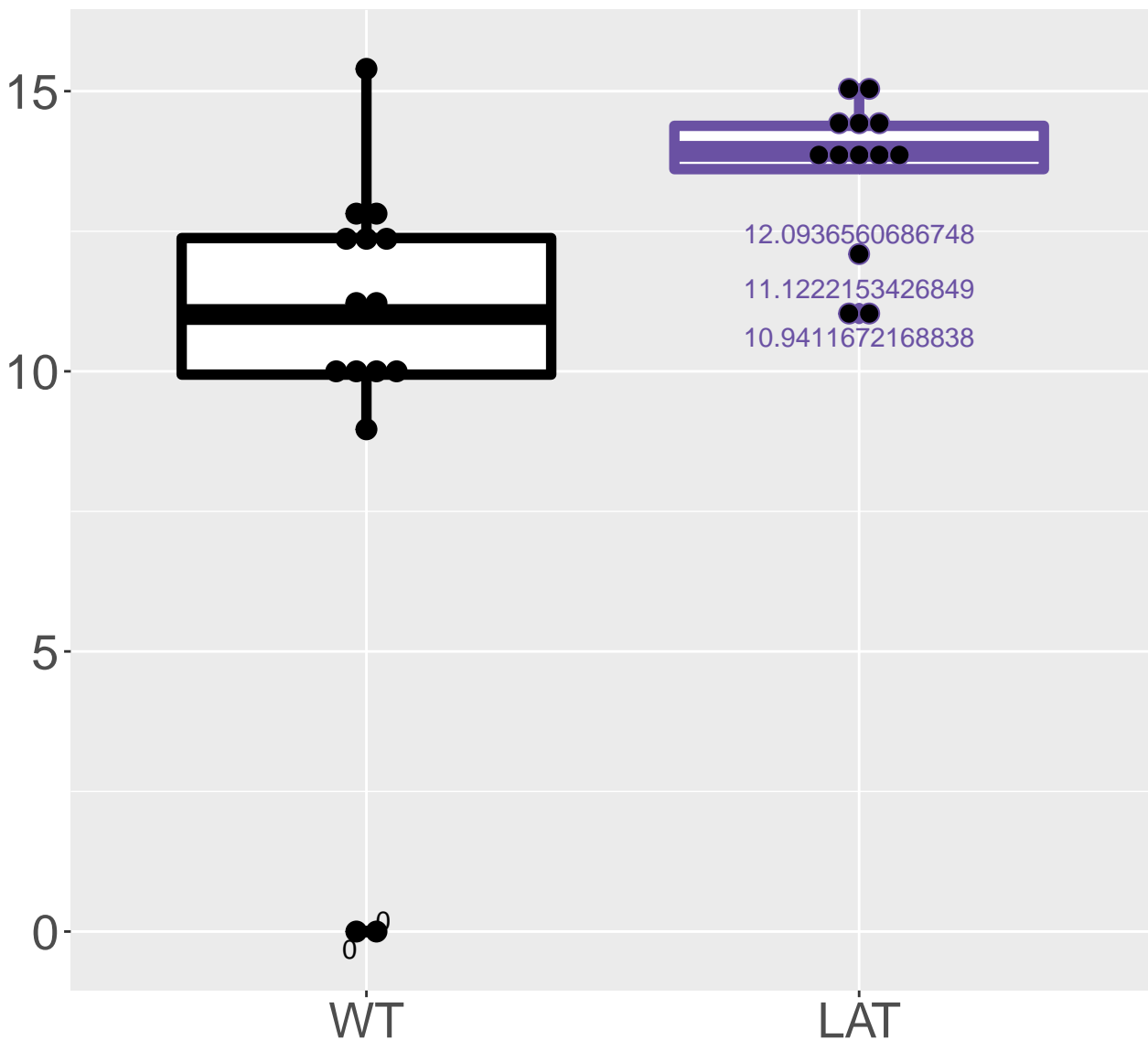
FDR = 0.025, FC = 0.91



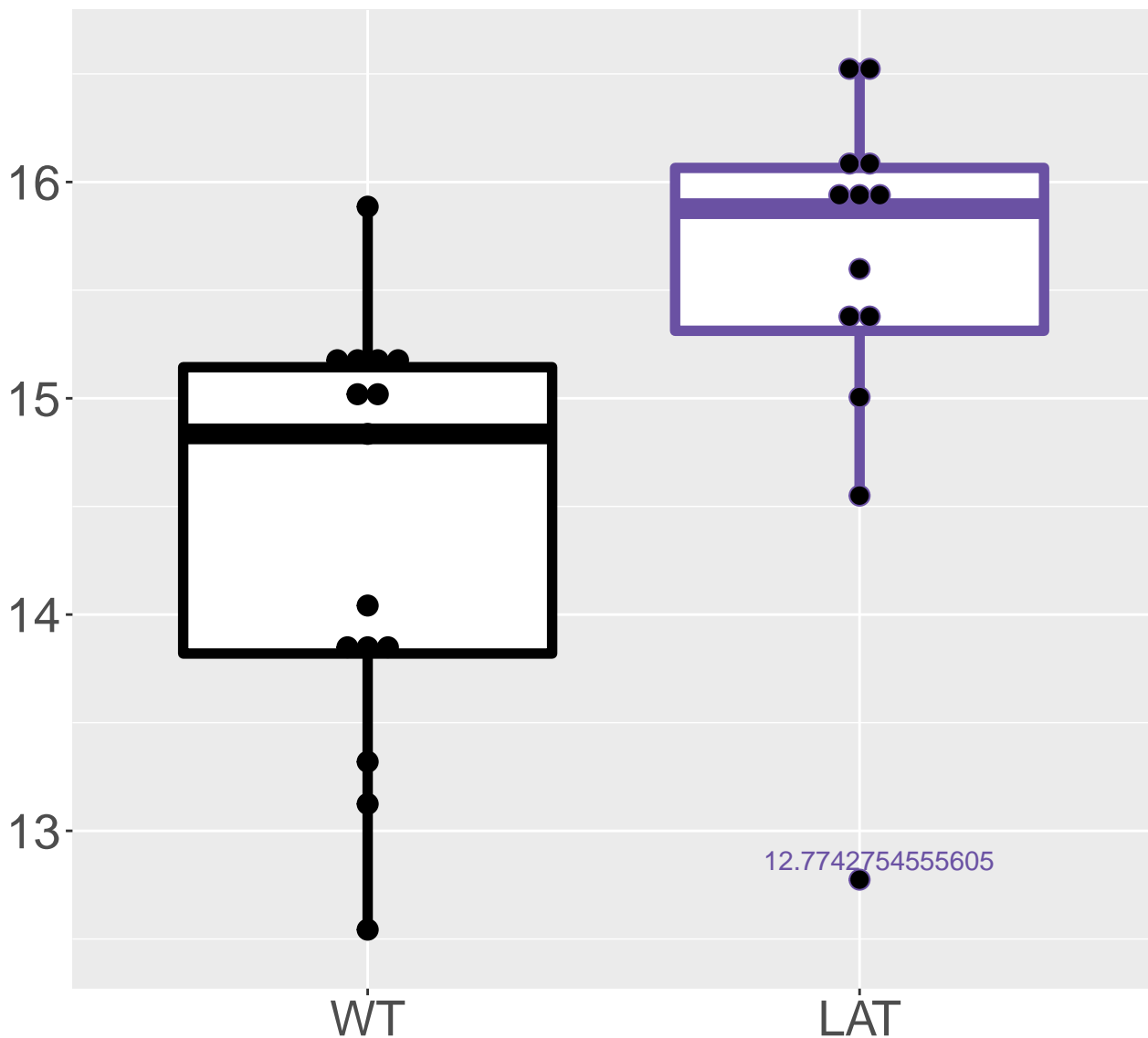
FDR = 0.025, FC = -2.6, sex*



FDR = 0.026, FC = 3.6

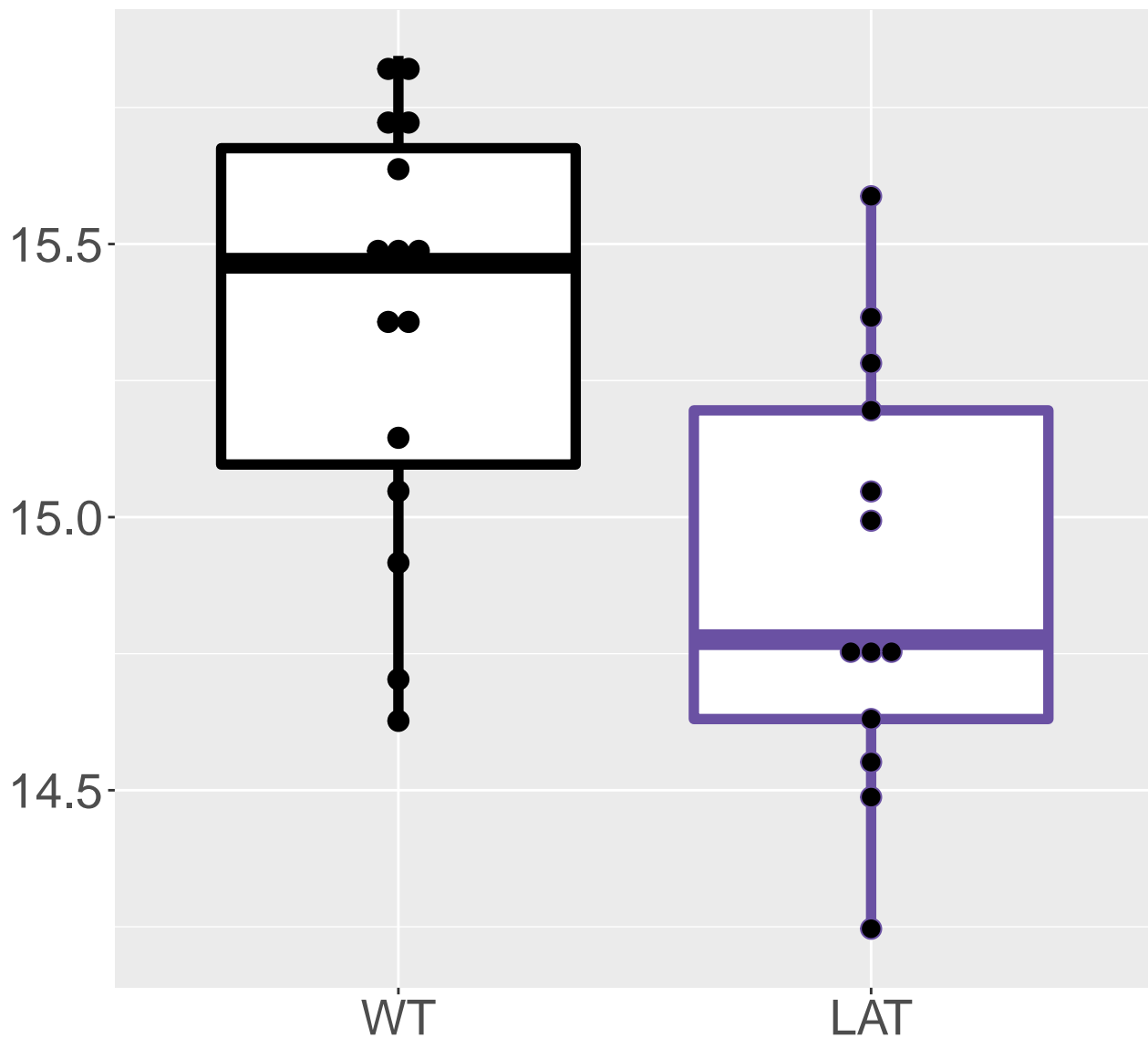


M661.128T598.56_2
FDR = 0.026, FC = 1.1

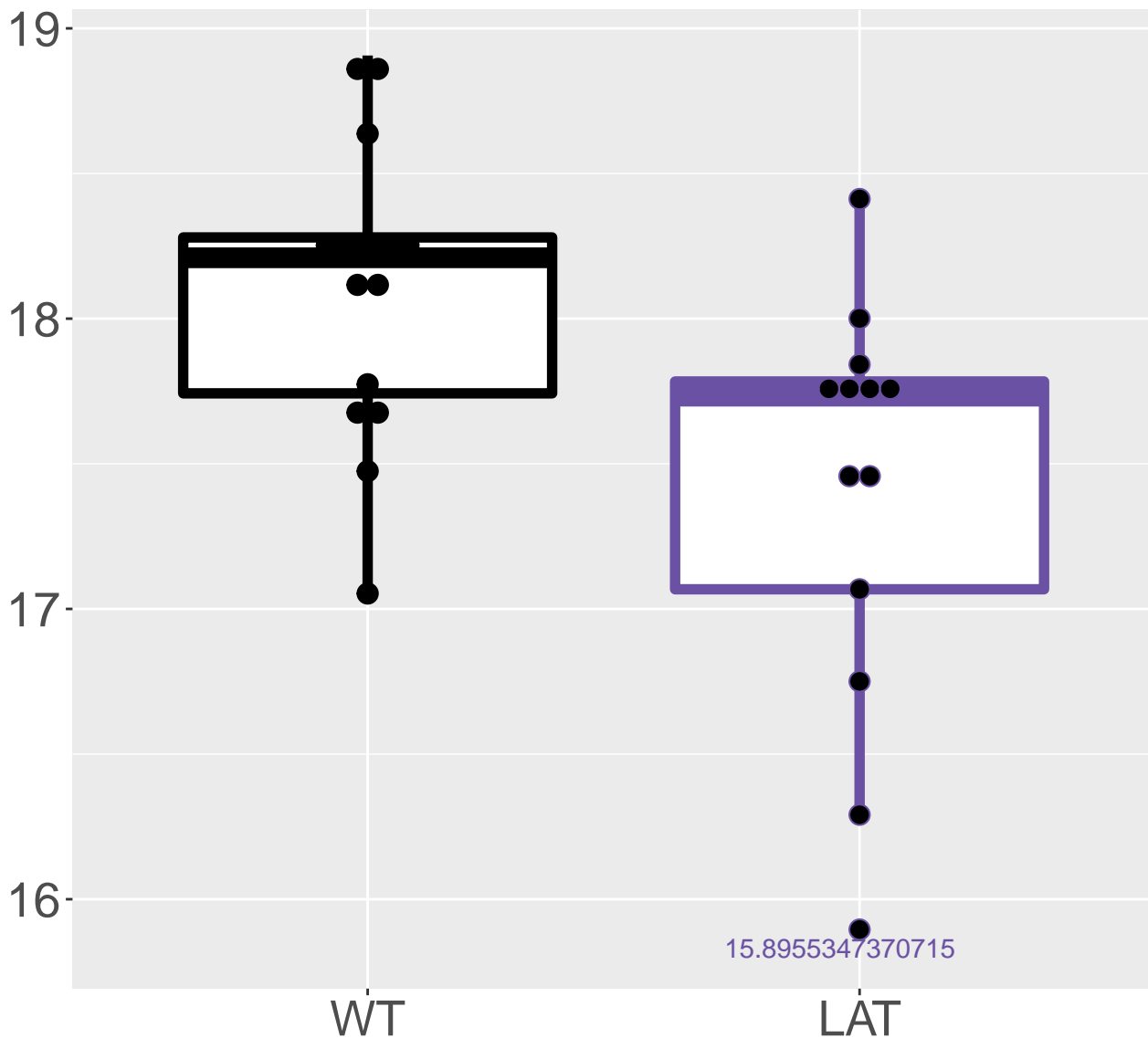


M87.0326T570.13

FDR = 0.026, FC = -0.46

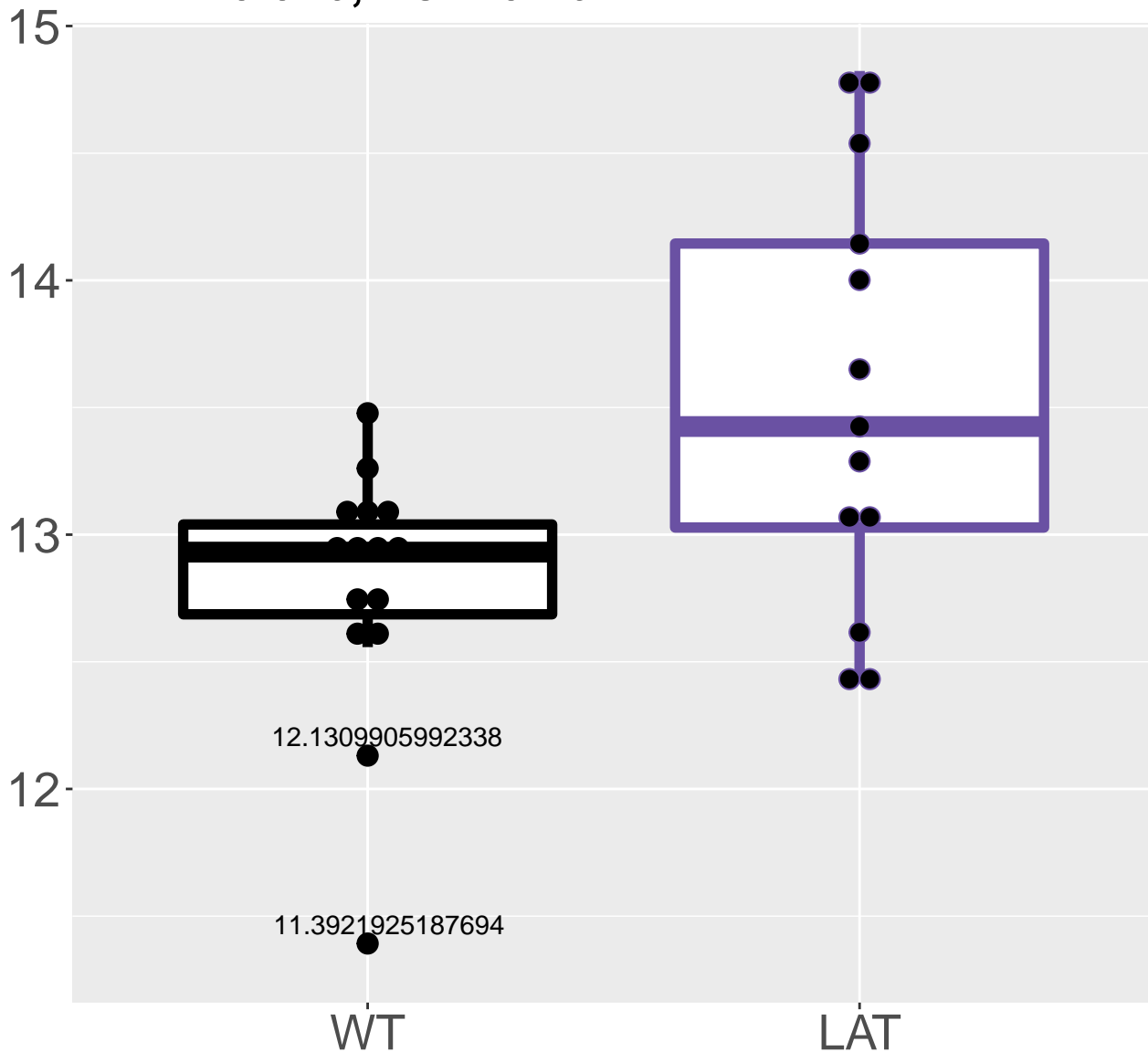


M587.5069T77.41
FDR = 0.026, FC = -0.7



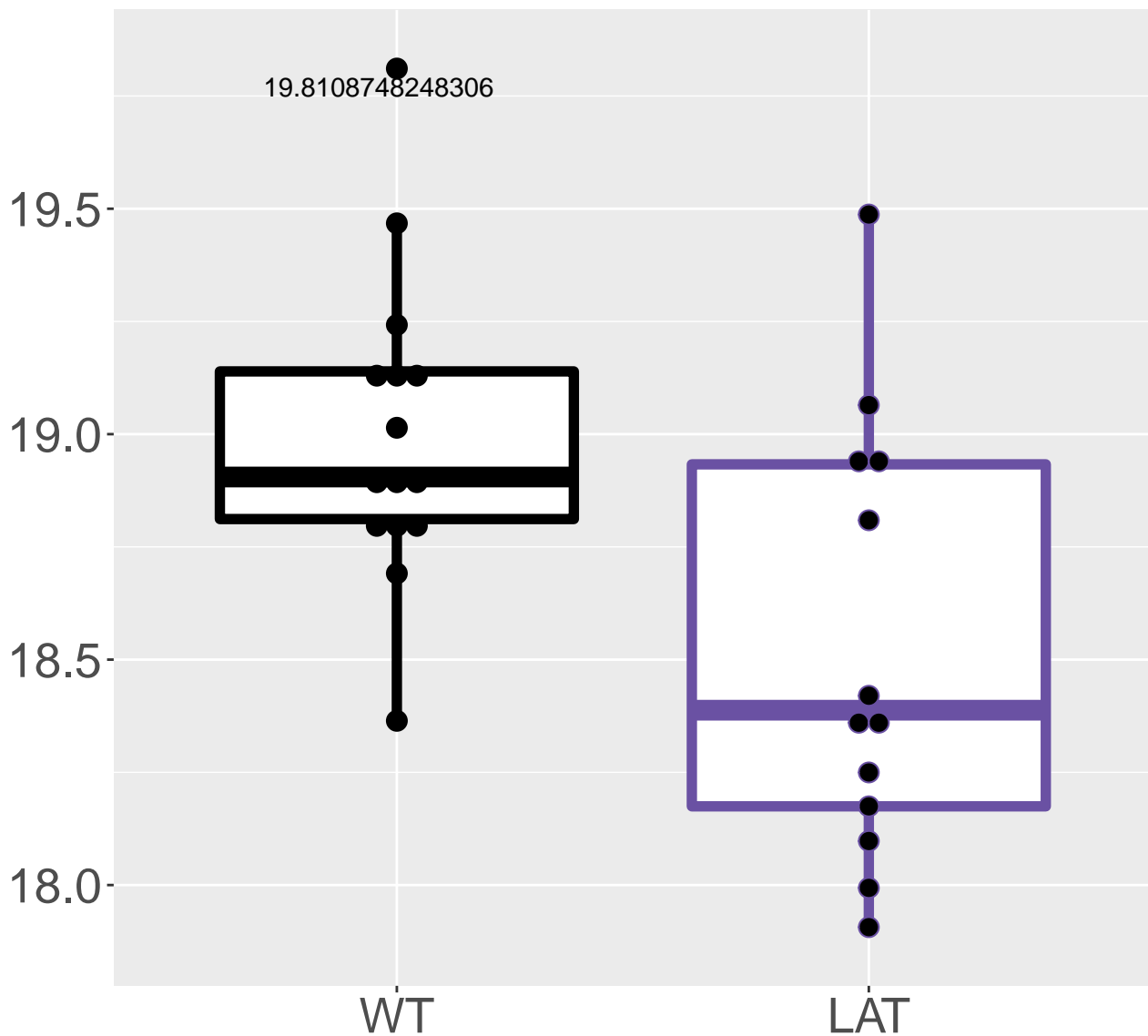
M440.6096T657.23

FDR = 0.026, FC = 0.76



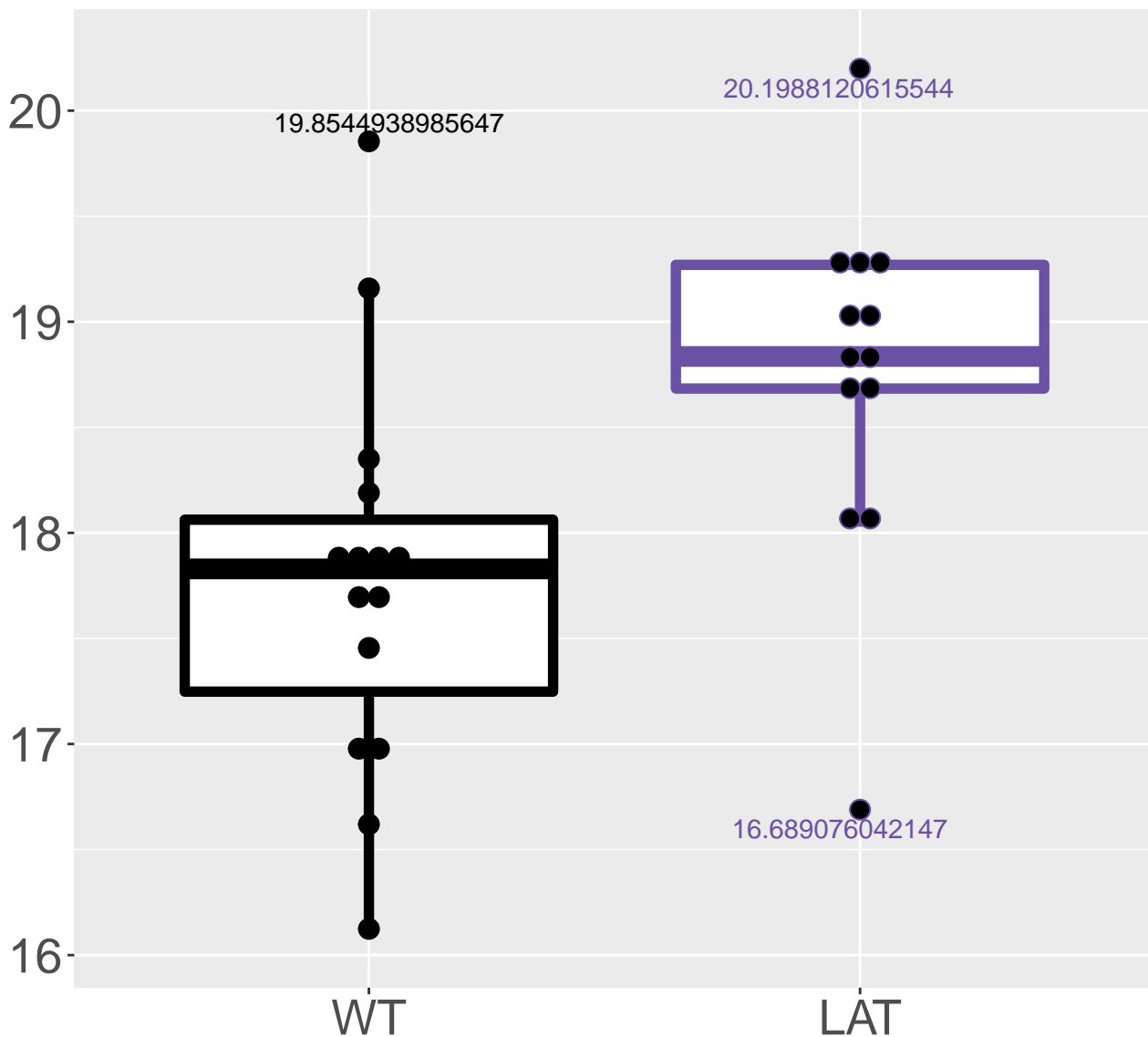
M251.0776T578.26

FDR = 0.027, FC = -0.48



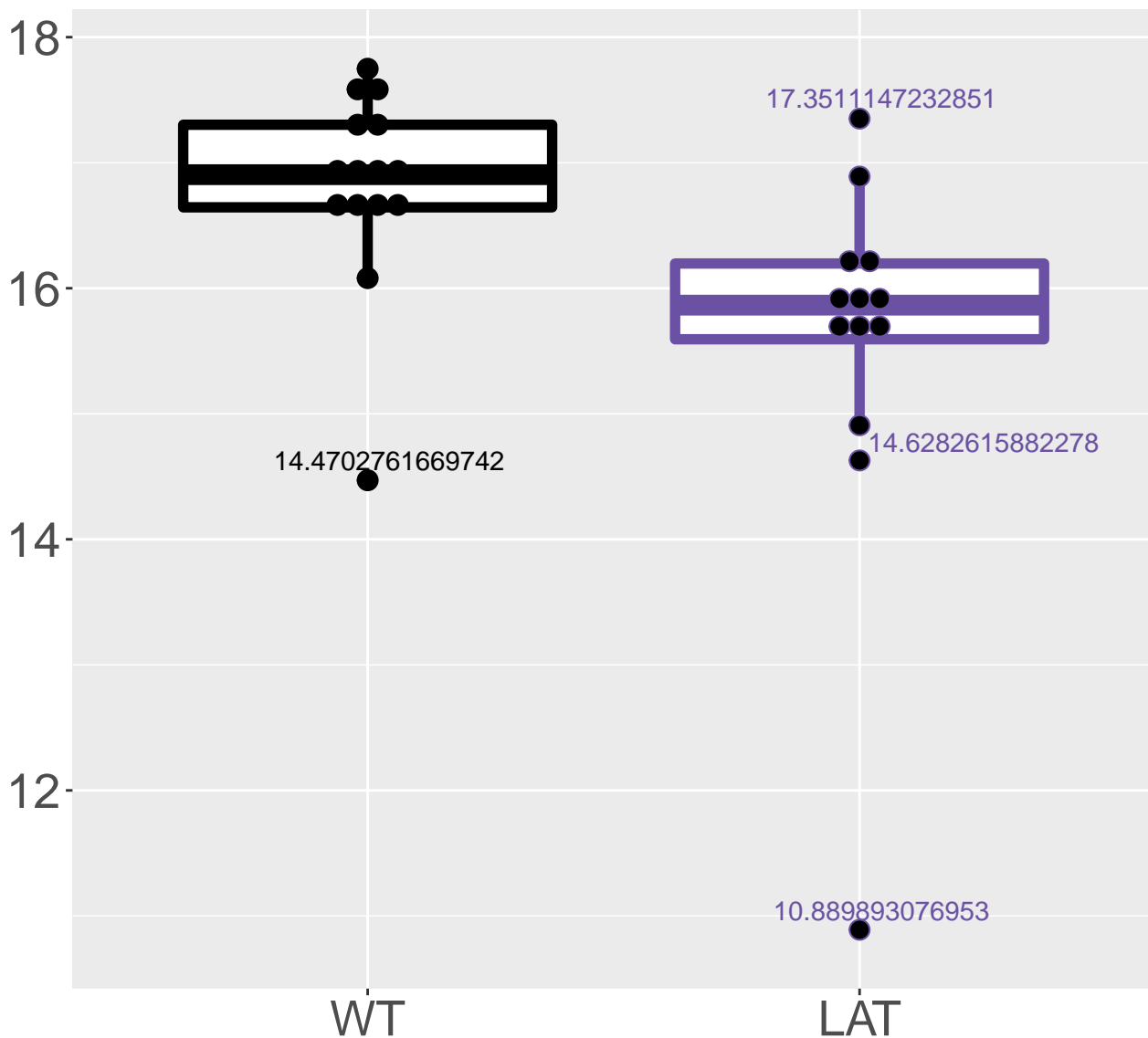
M162.903T125.06

FDR = 0.027, FC = 0.99



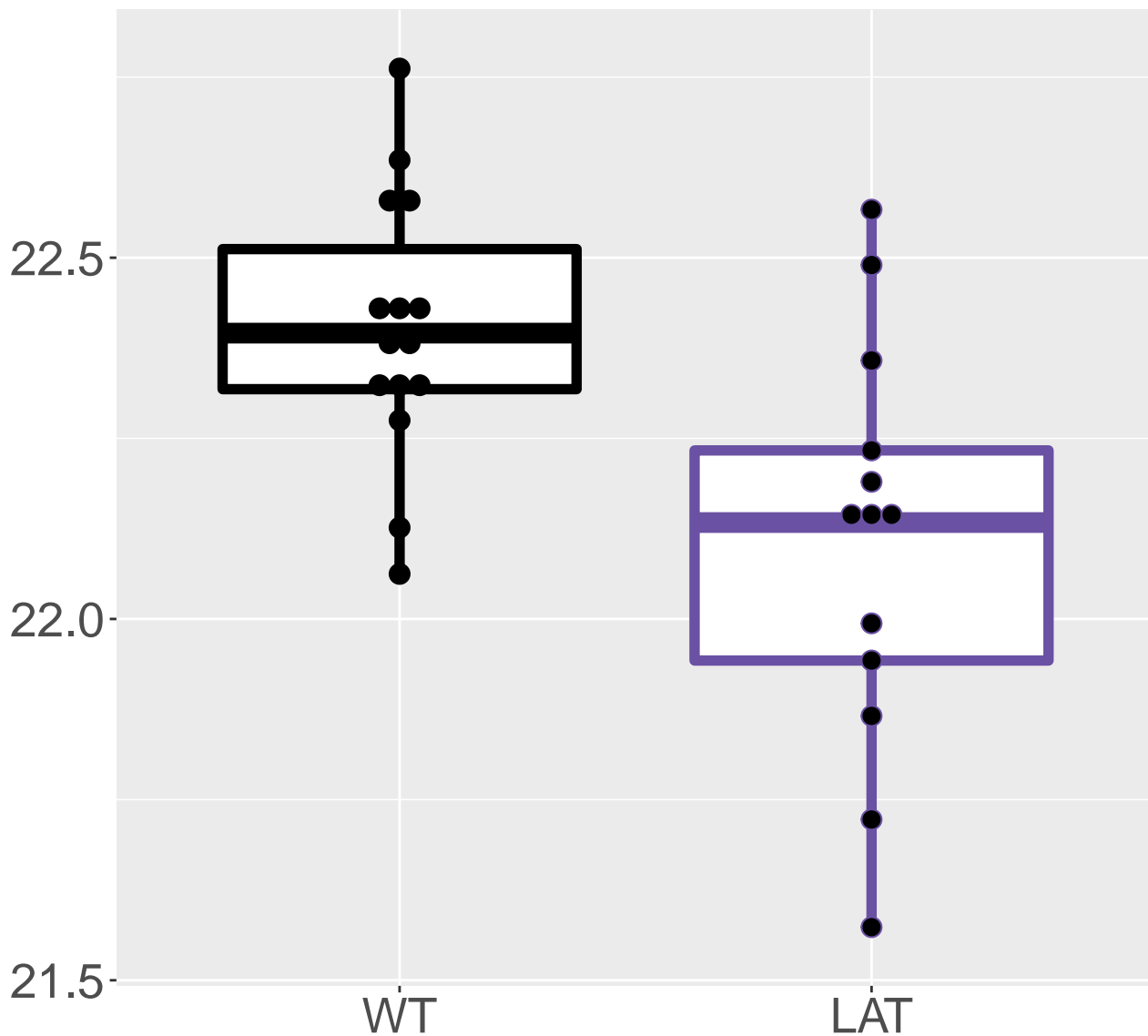
M786.3257T537.36

FDR = 0.027, FC = -1.3



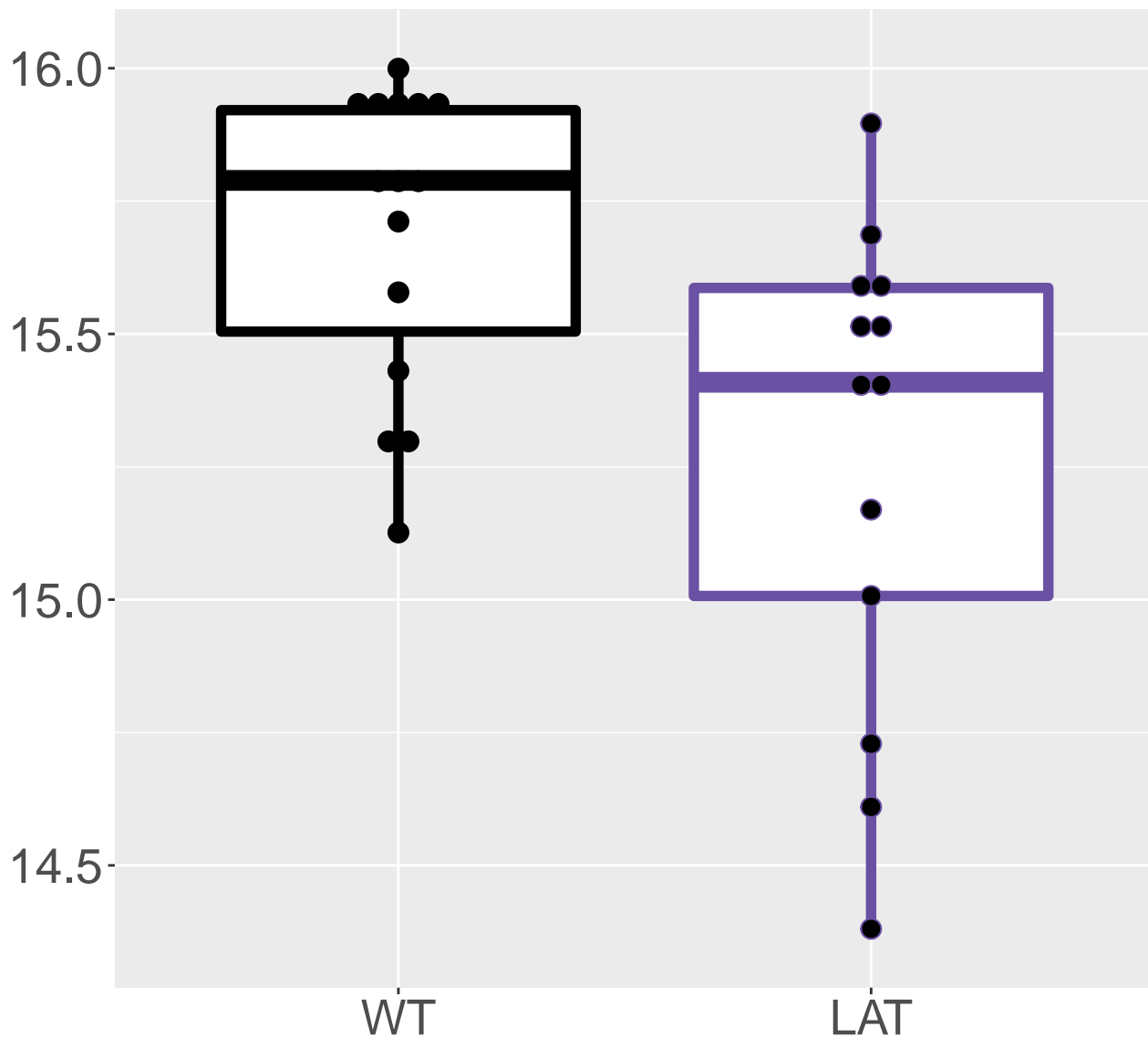
M601.1395T568.03

FDR = 0.027, FC = -0.3



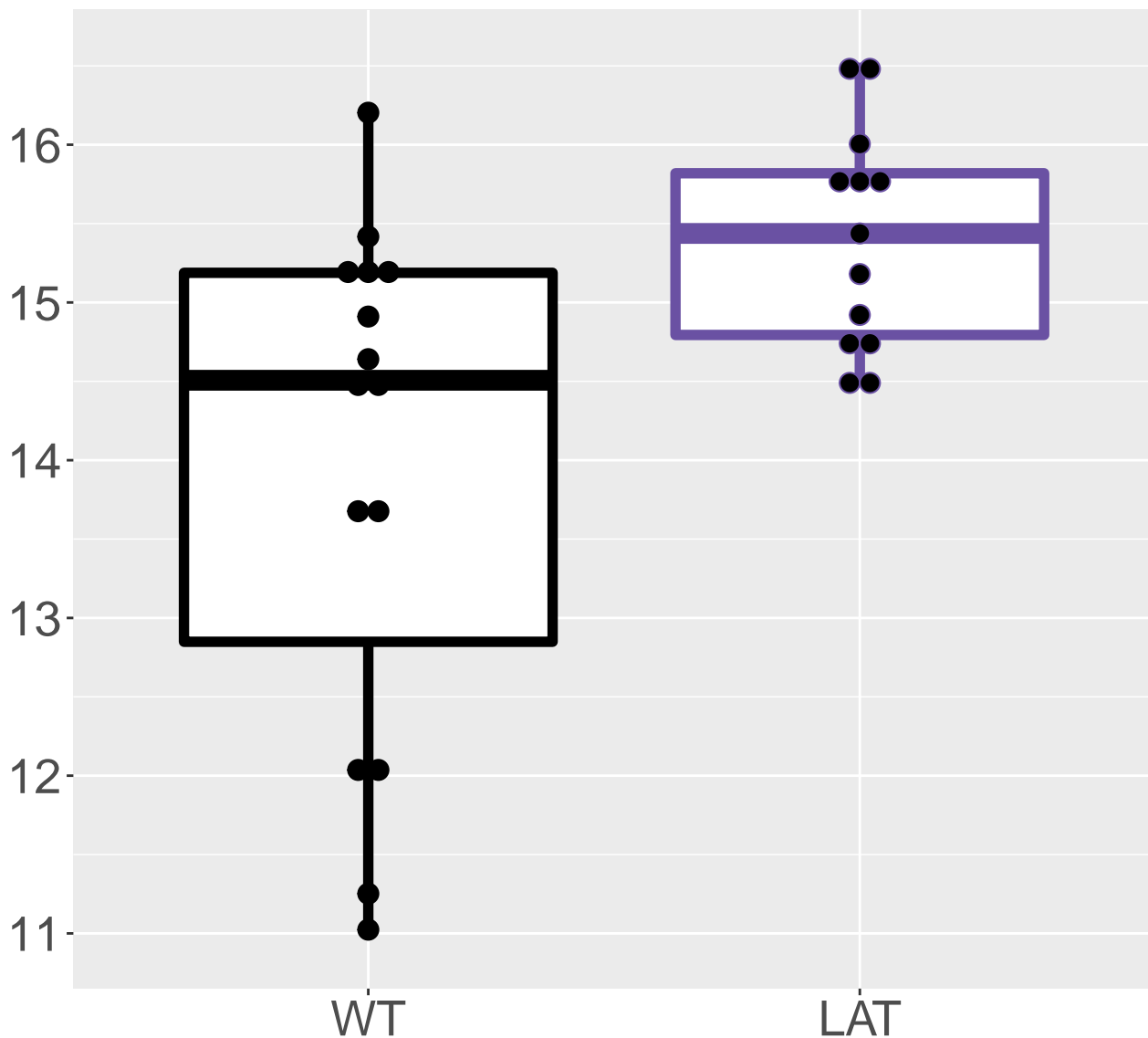
M76.0289T492.39

FDR = 0.027, FC = -0.43



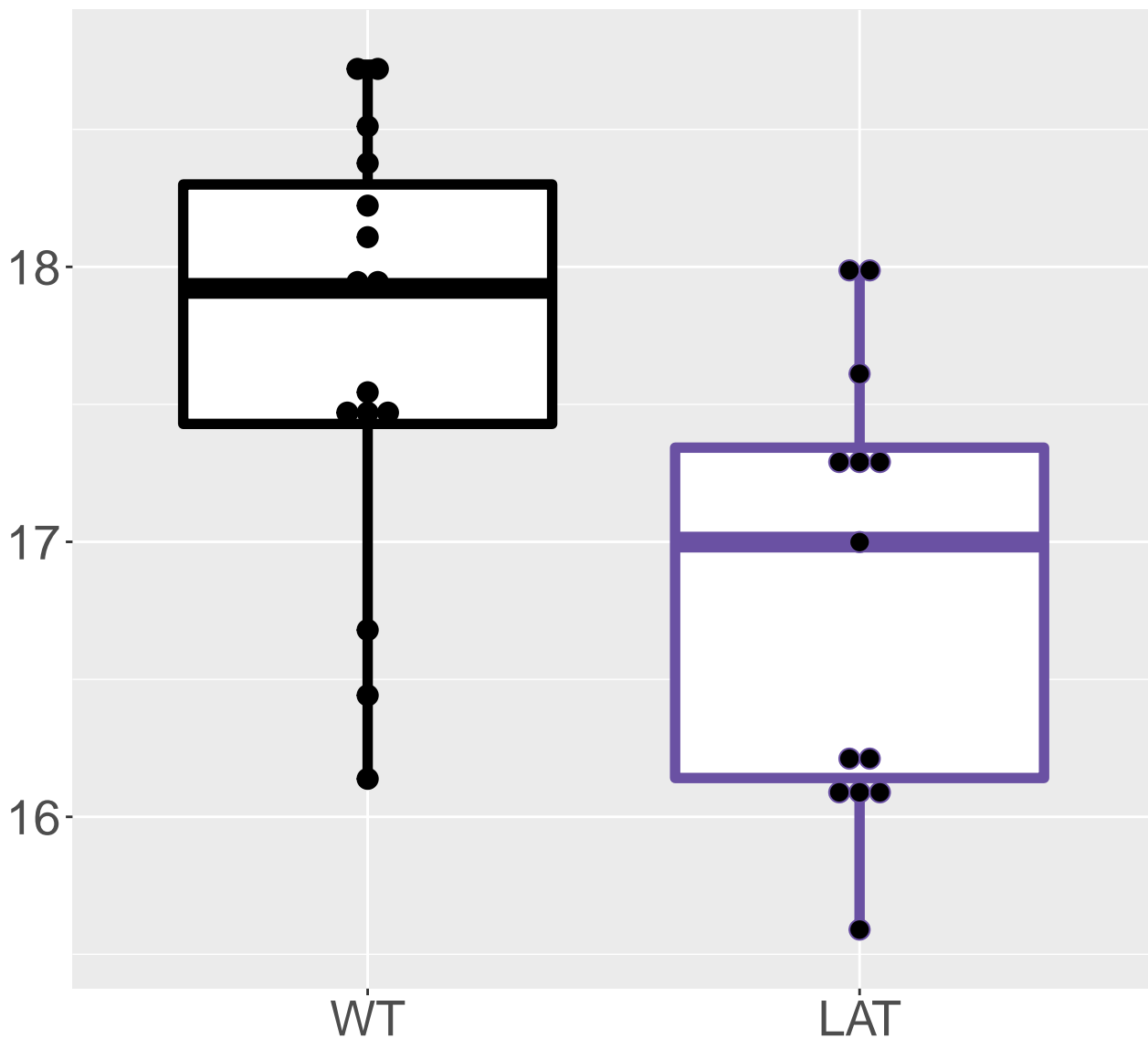
M153.9855T593.32

FDR = 0.027, FC = 1.4



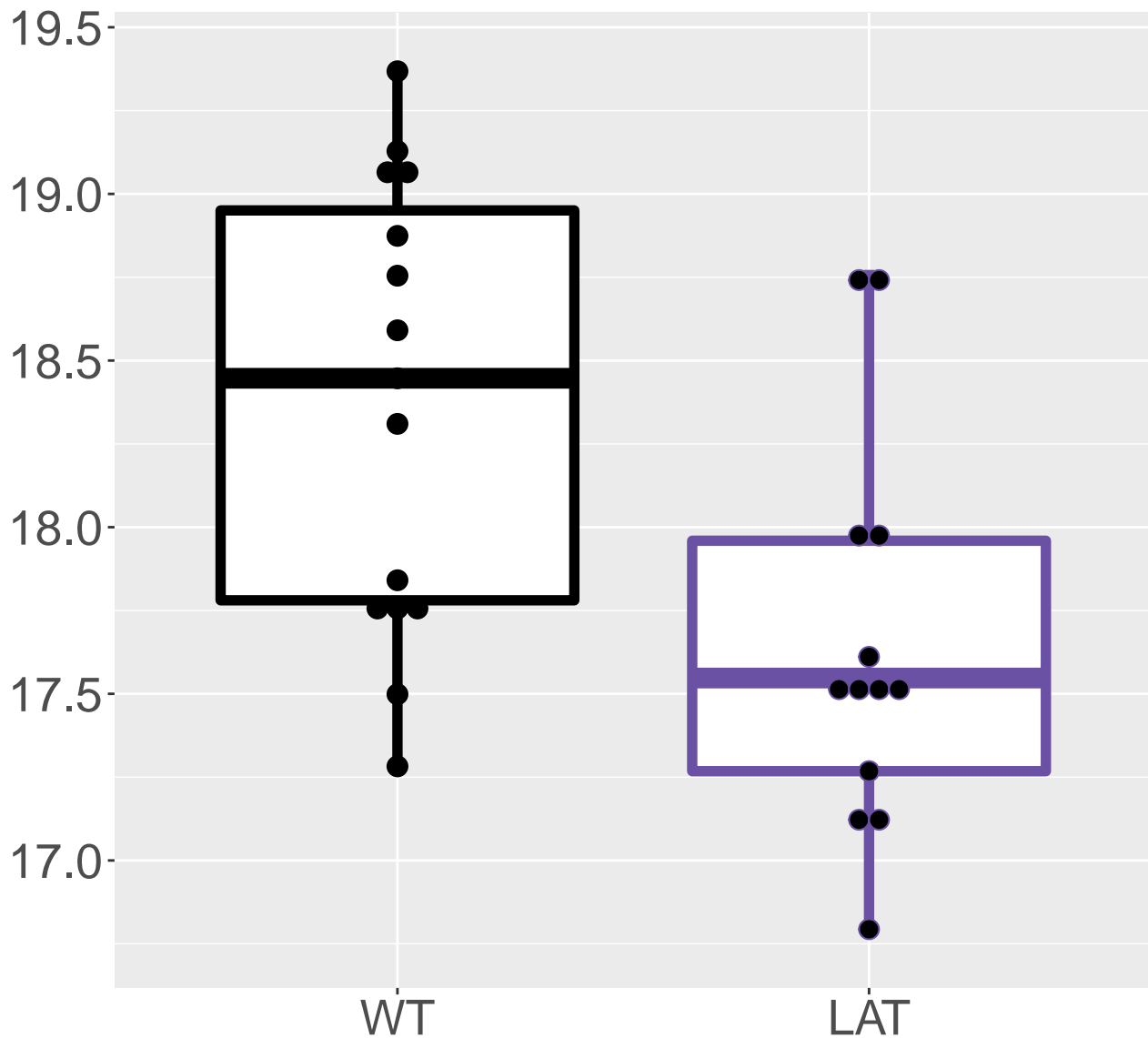
M313.1137T470.06

FDR = 0.027, FC = -0.89



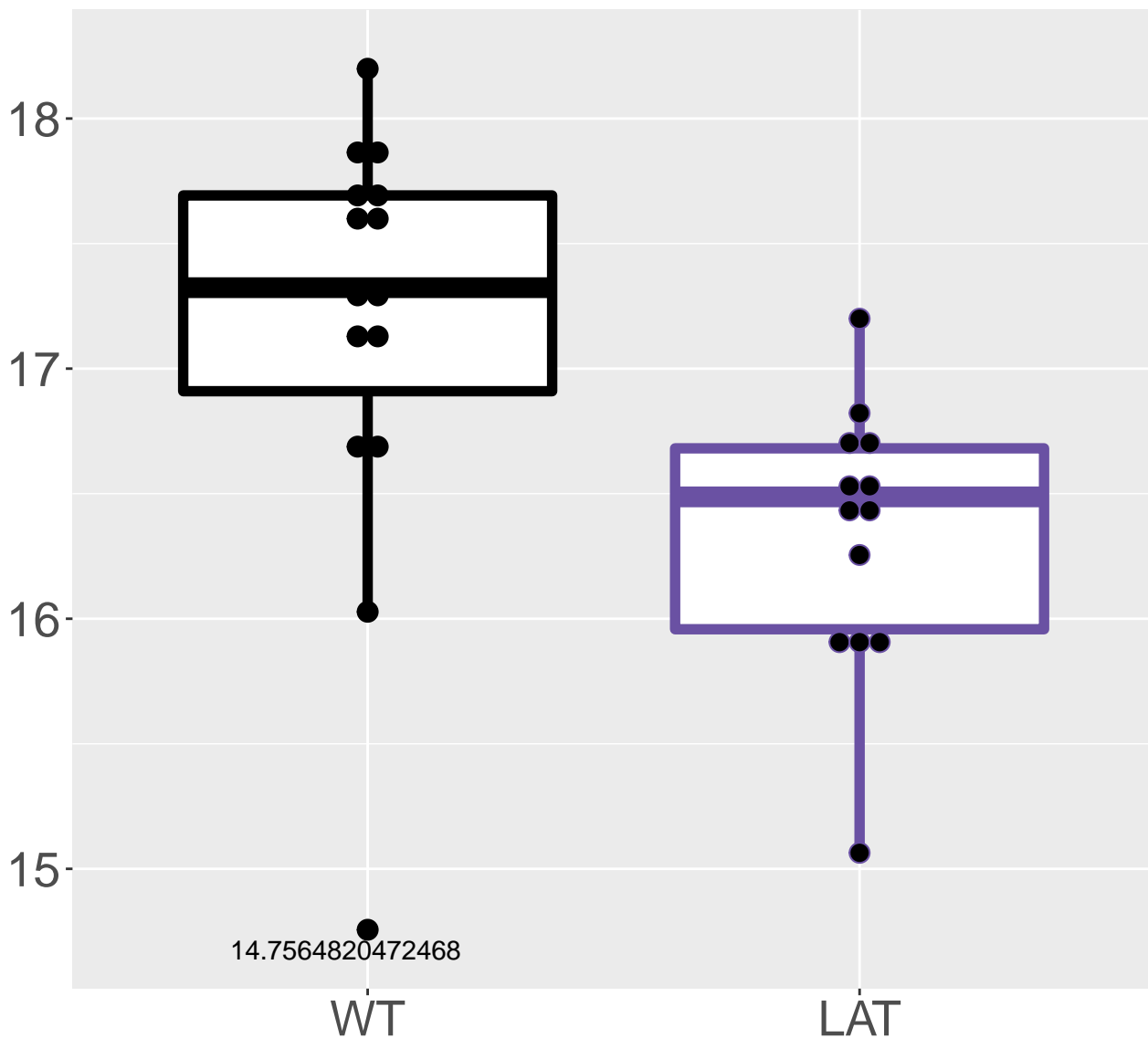
M772.2193T590.13

FDR = 0.028, FC = -0.72

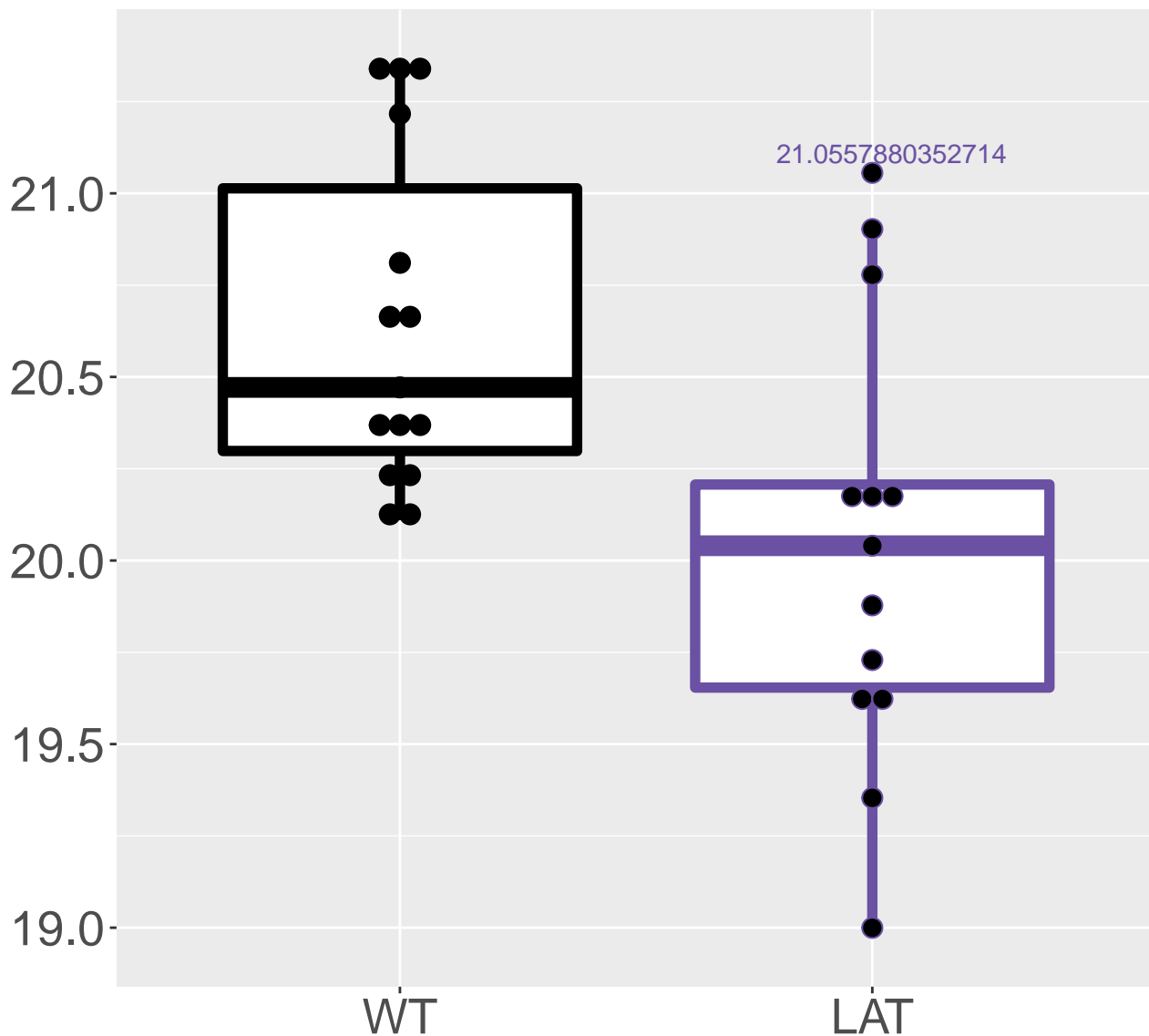


M253.0509T117.75

FDR = 0.028, FC = -0.83

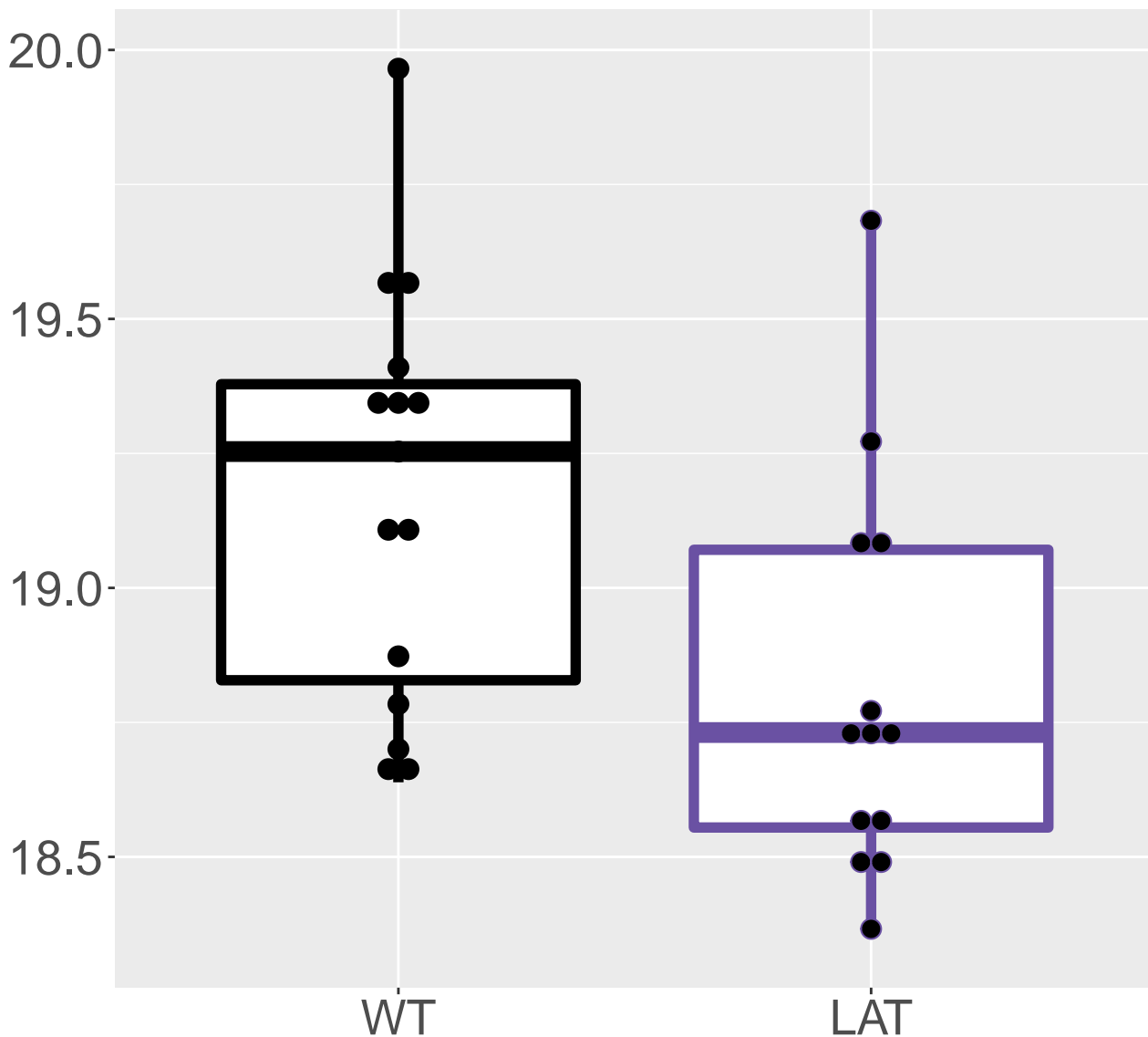


M180.0164T275.73
FDR = 0.028, FC = -0.61

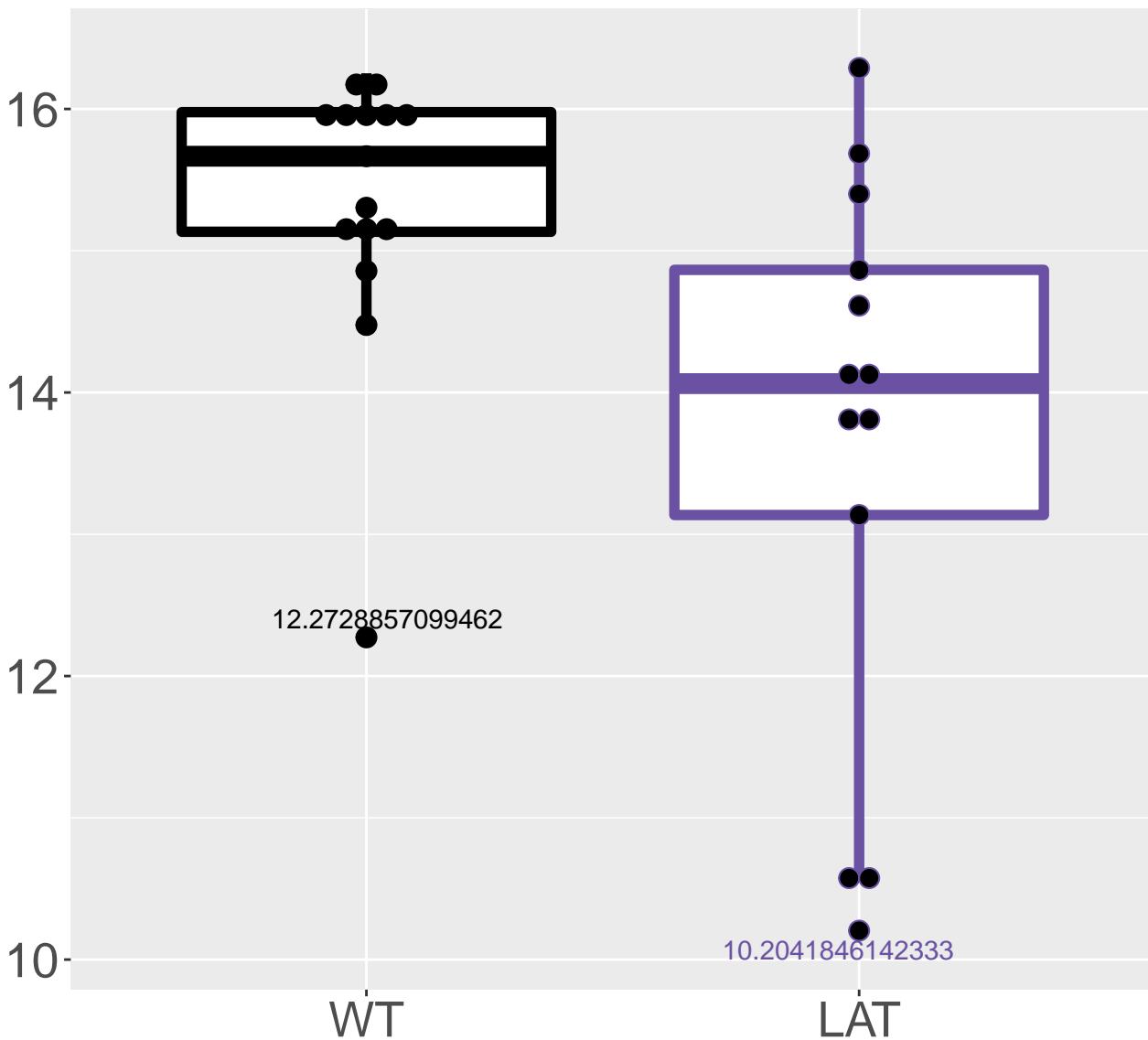


M272.0892T522.06

FDR = 0.028, FC = -0.37

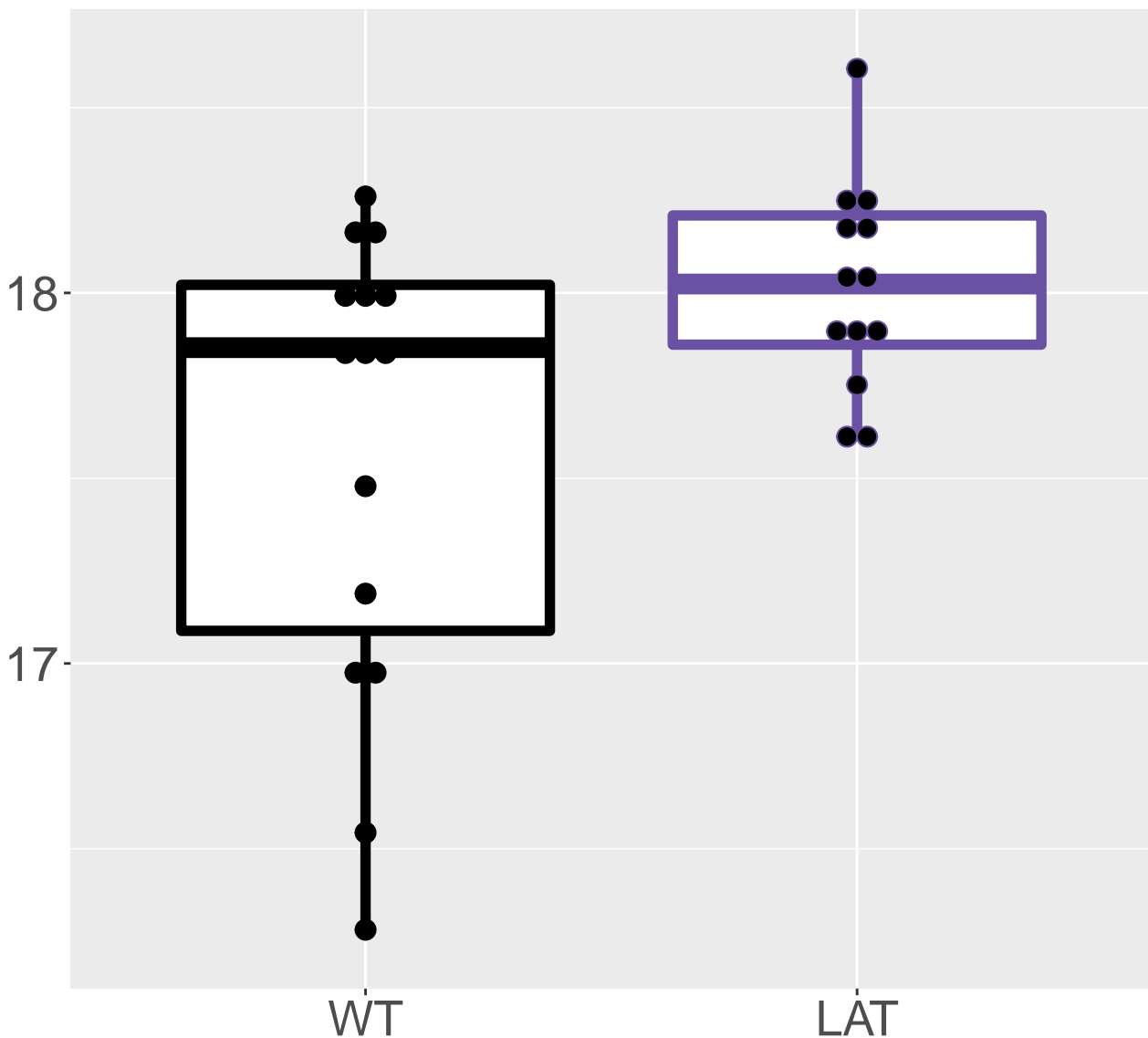


M476.0939T507.81
FDR = 0.028, FC = -1.7



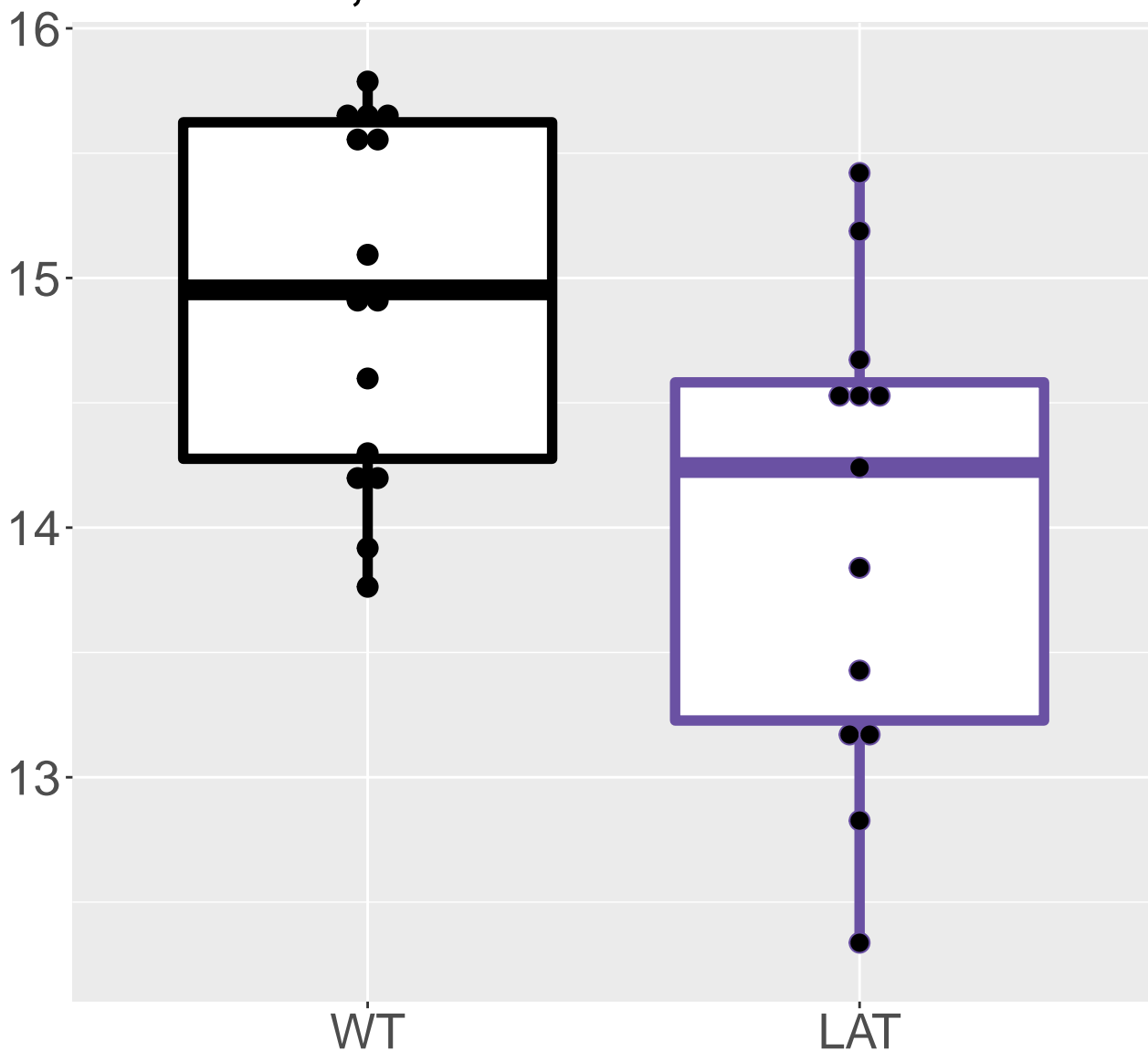
M175.025T499.17

FDR = 0.028, FC = 0.44, sex*

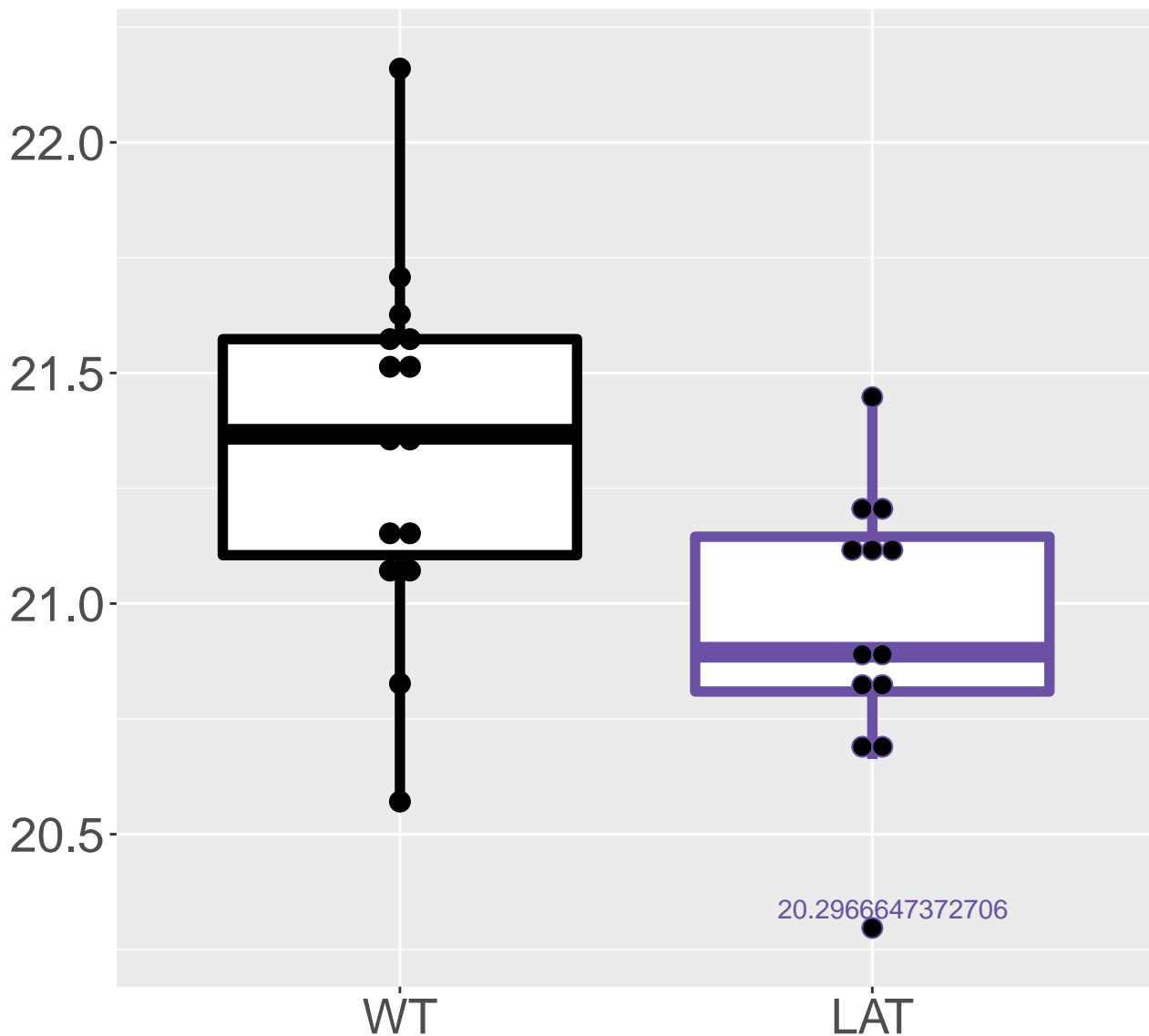


M351.1052T567.34

FDR = 0.028, FC = -0.93

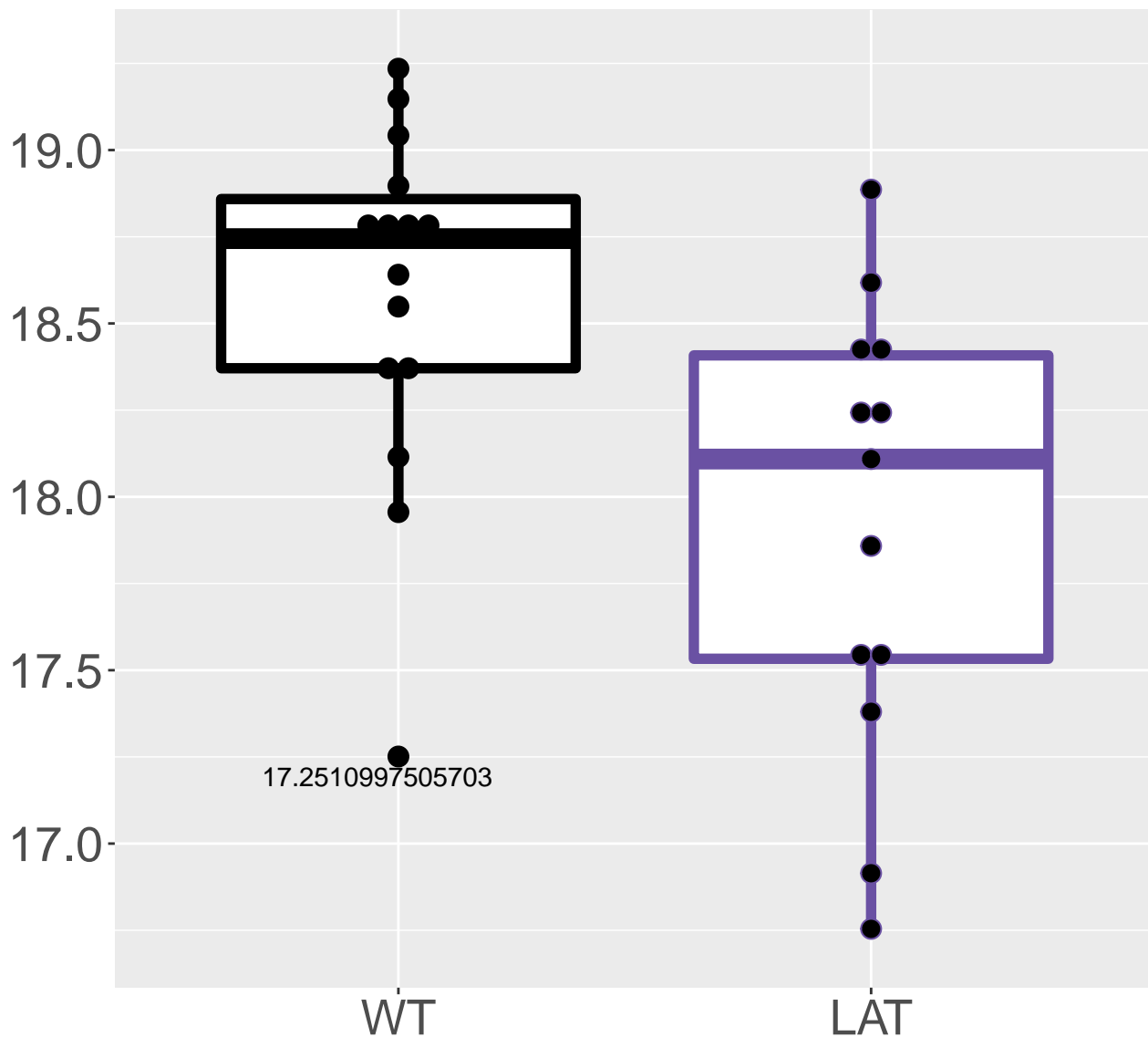


M267.2332T78.34
FDR = 0.028, FC = -0.4

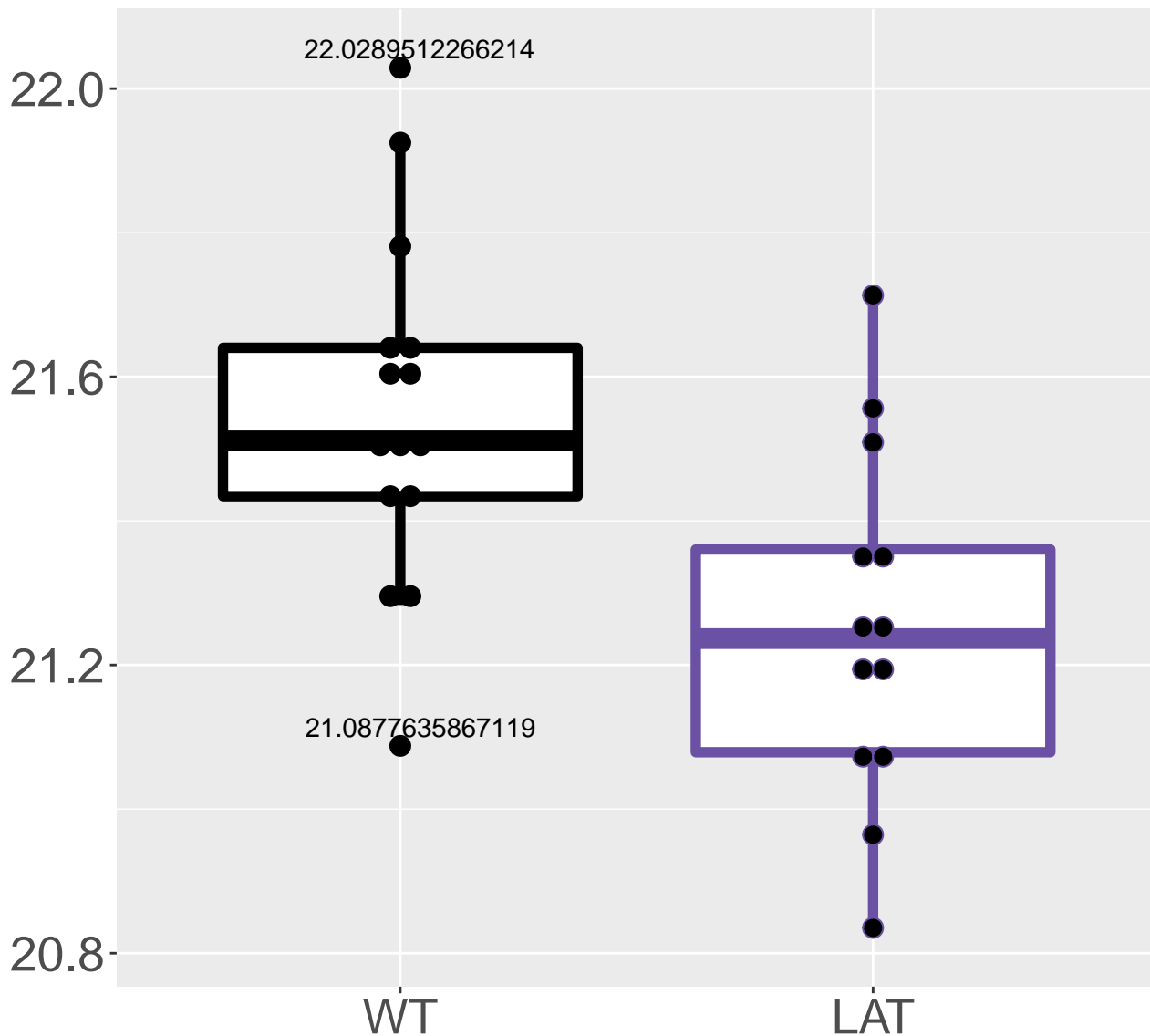


M279.1282T334.55

FDR = 0.028, FC = -0.66

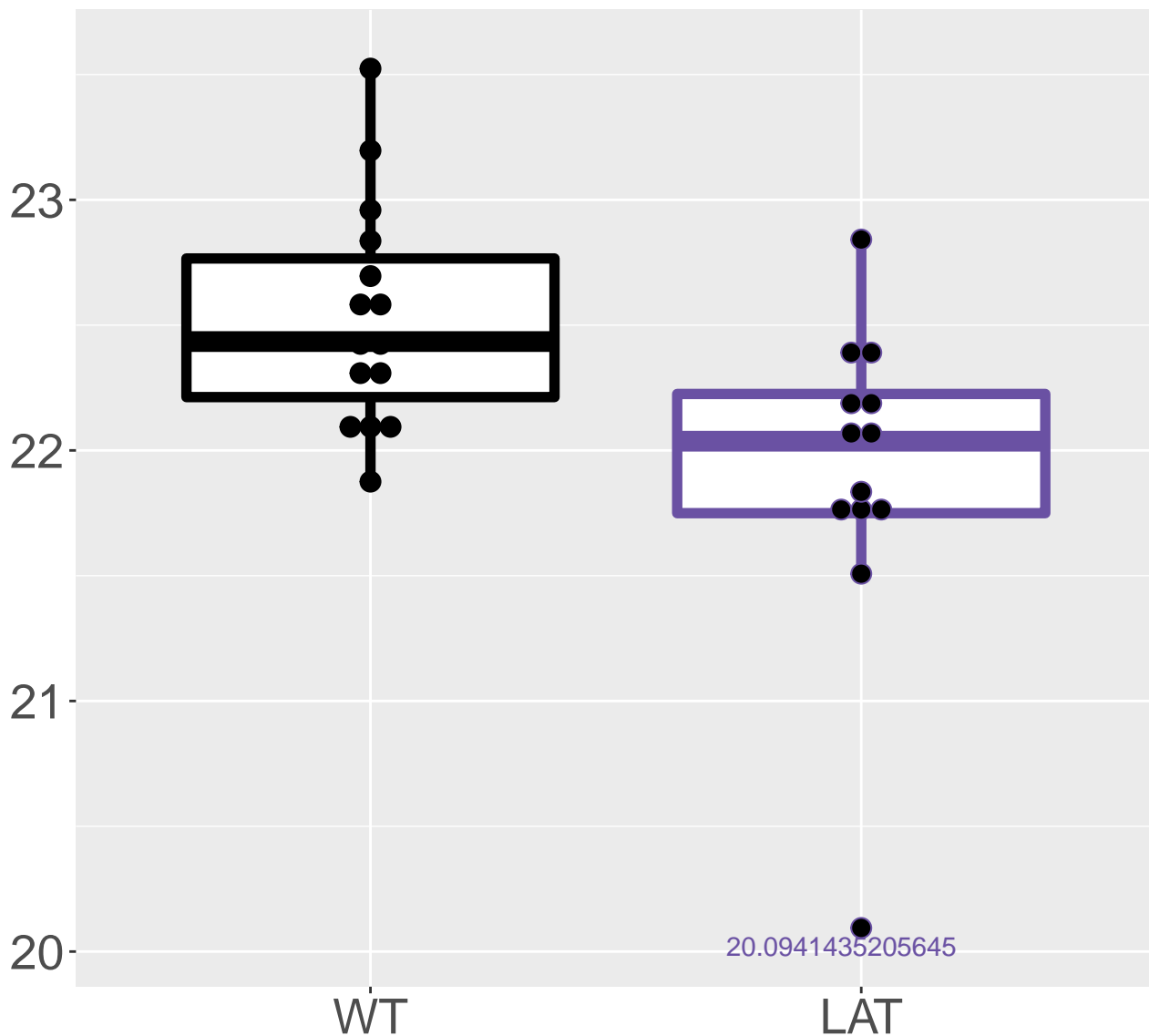


M279.0772T430.87
FDR = 0.028, FC = -0.3



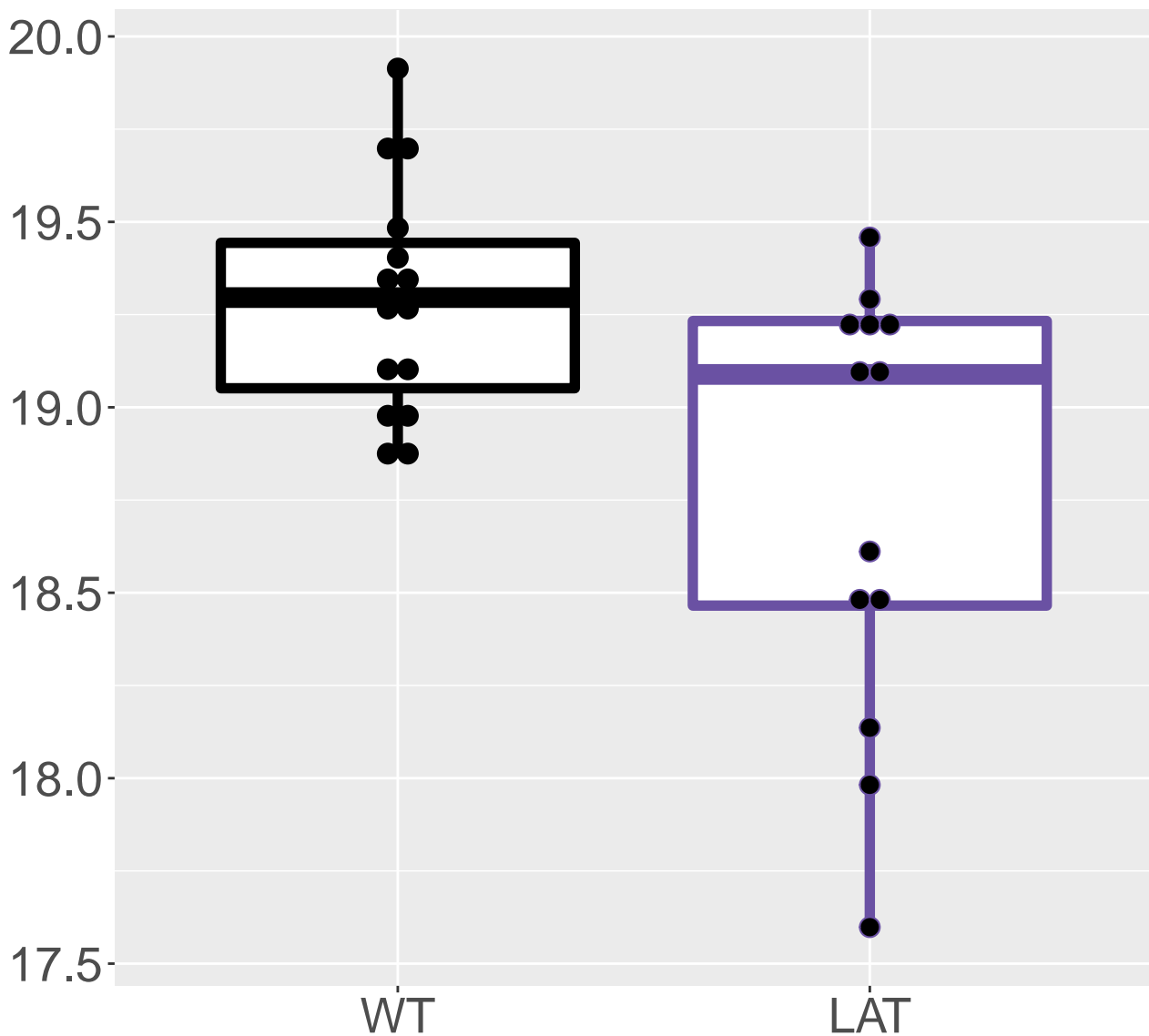
M160.0614T258.55

FDR = 0.029, FC = -0.62



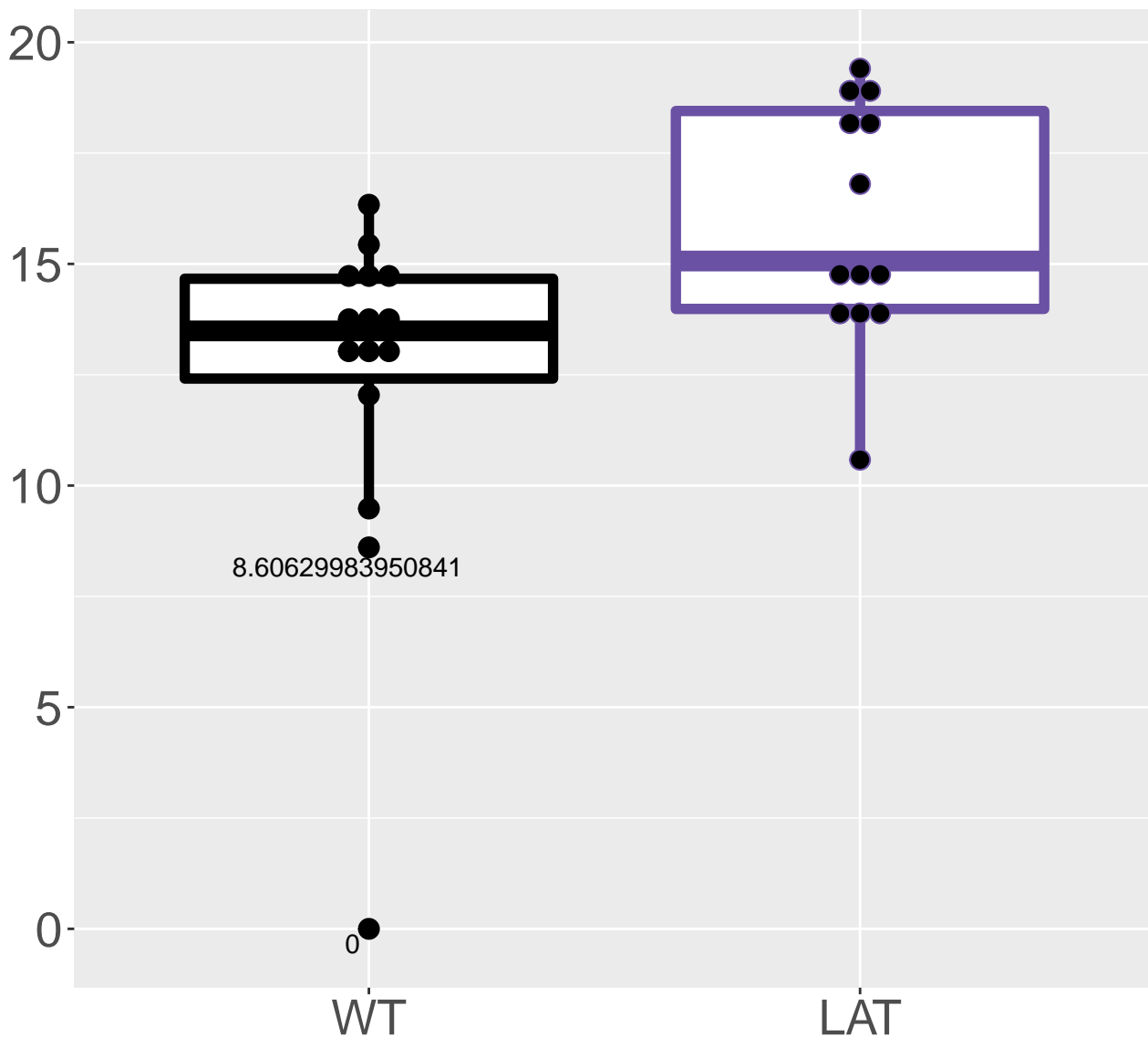
M145.0256T321.91

FDR = 0.029, FC = -0.53

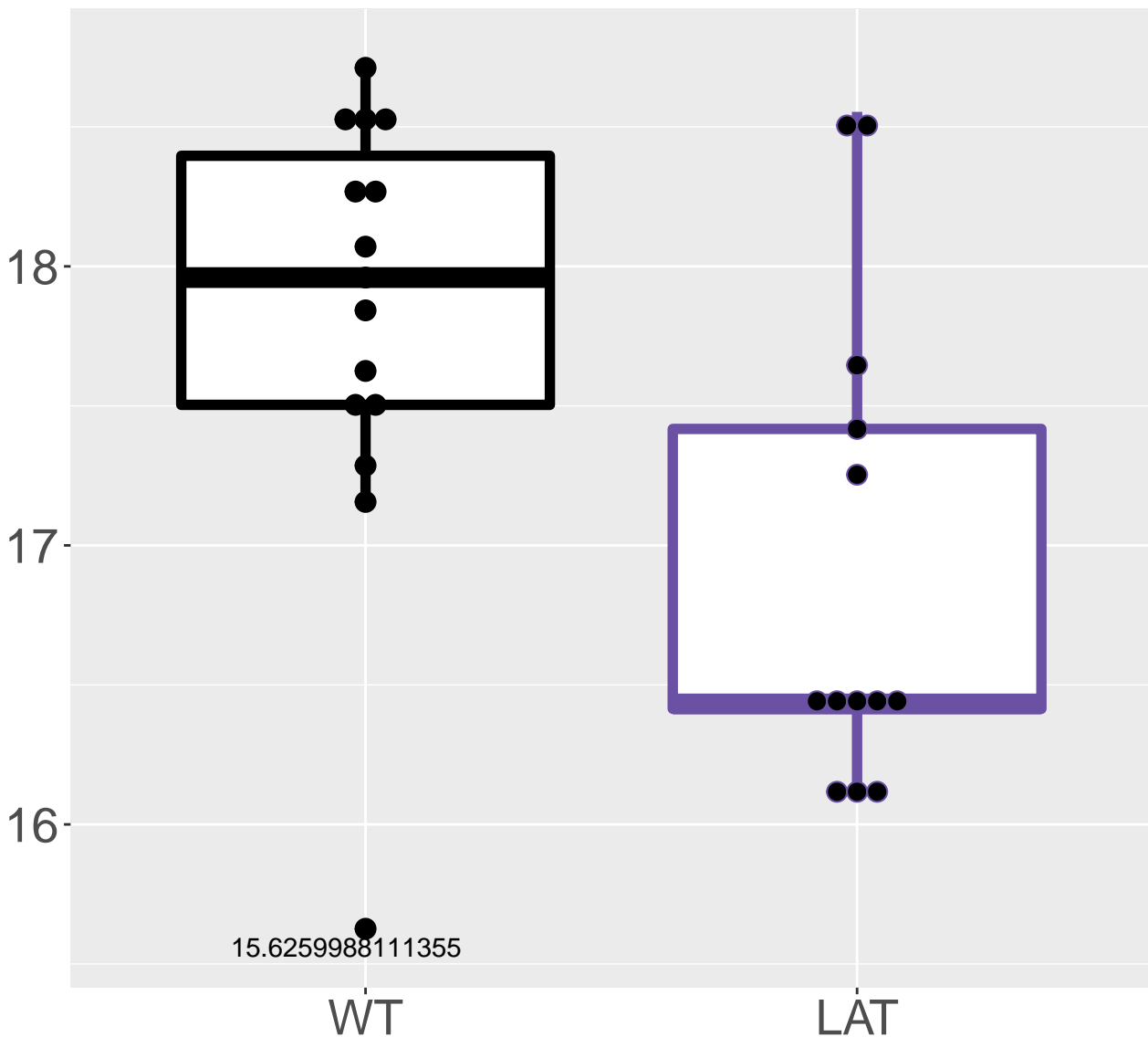


M123.0565T102.08

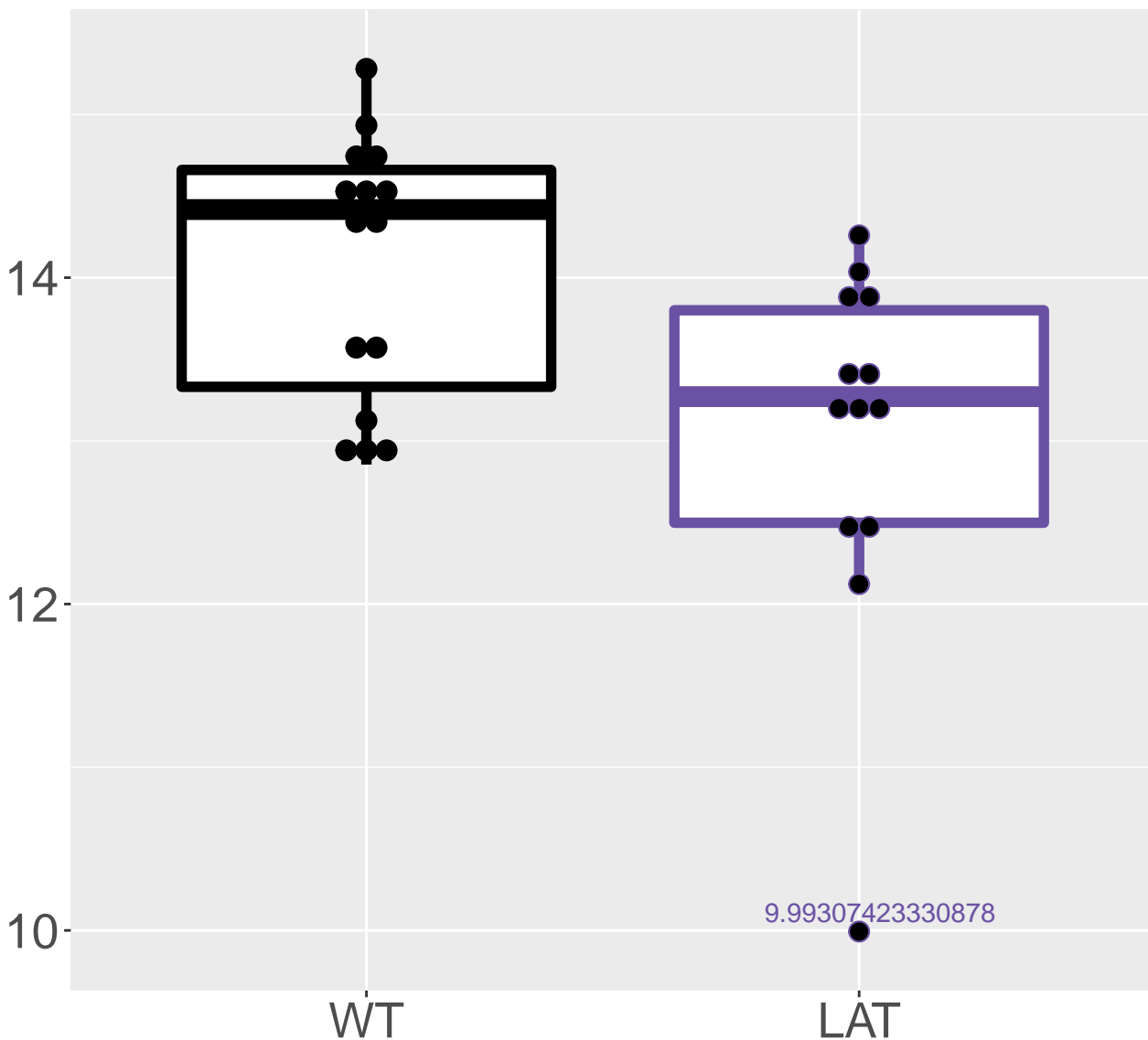
FDR = 0.029, FC = 3.5, sex*



M563.177T538.05
FDR = 0.03, FC = -0.92

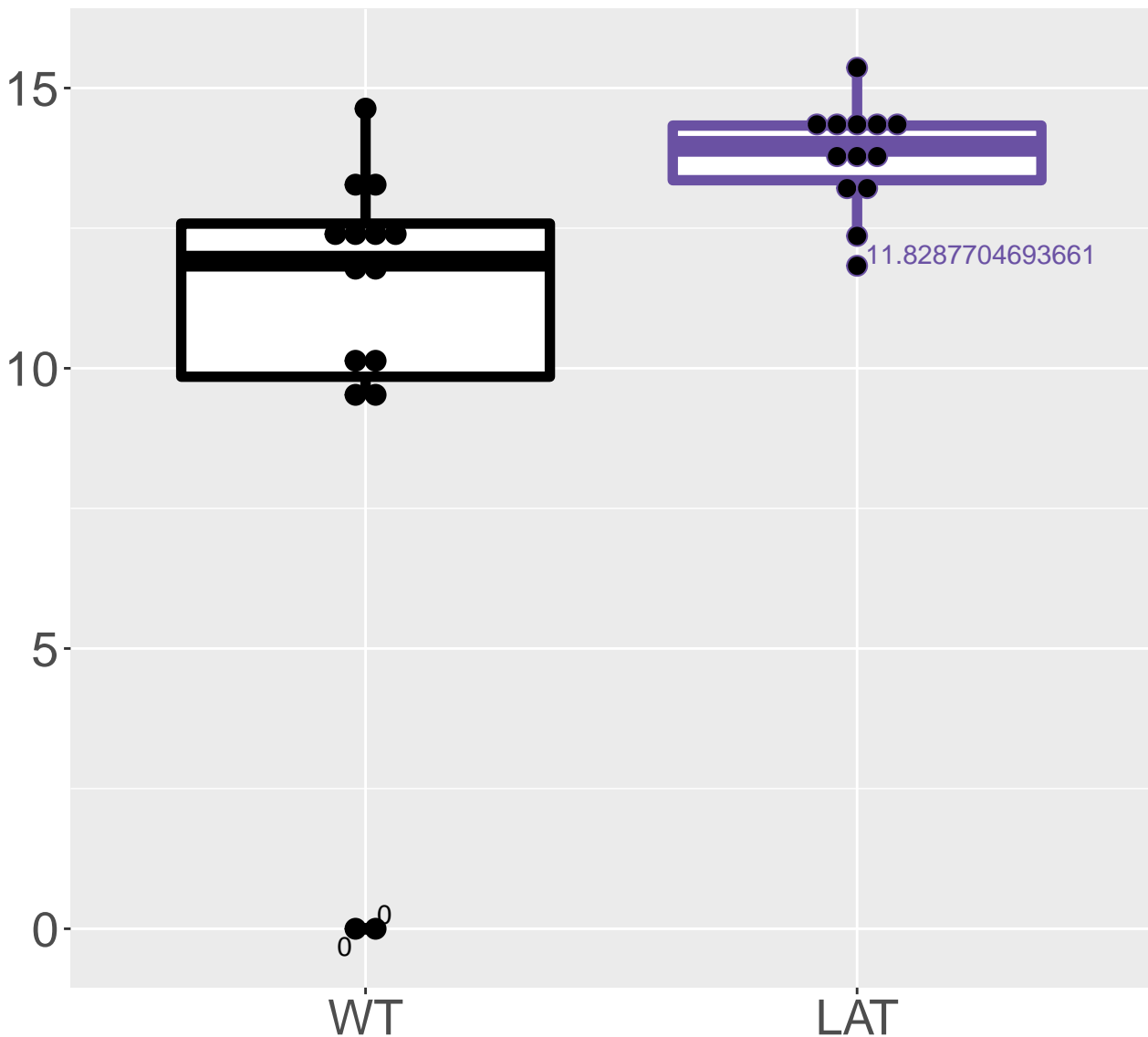


M401.1239T393.42
FDR = 0.03, FC = -1



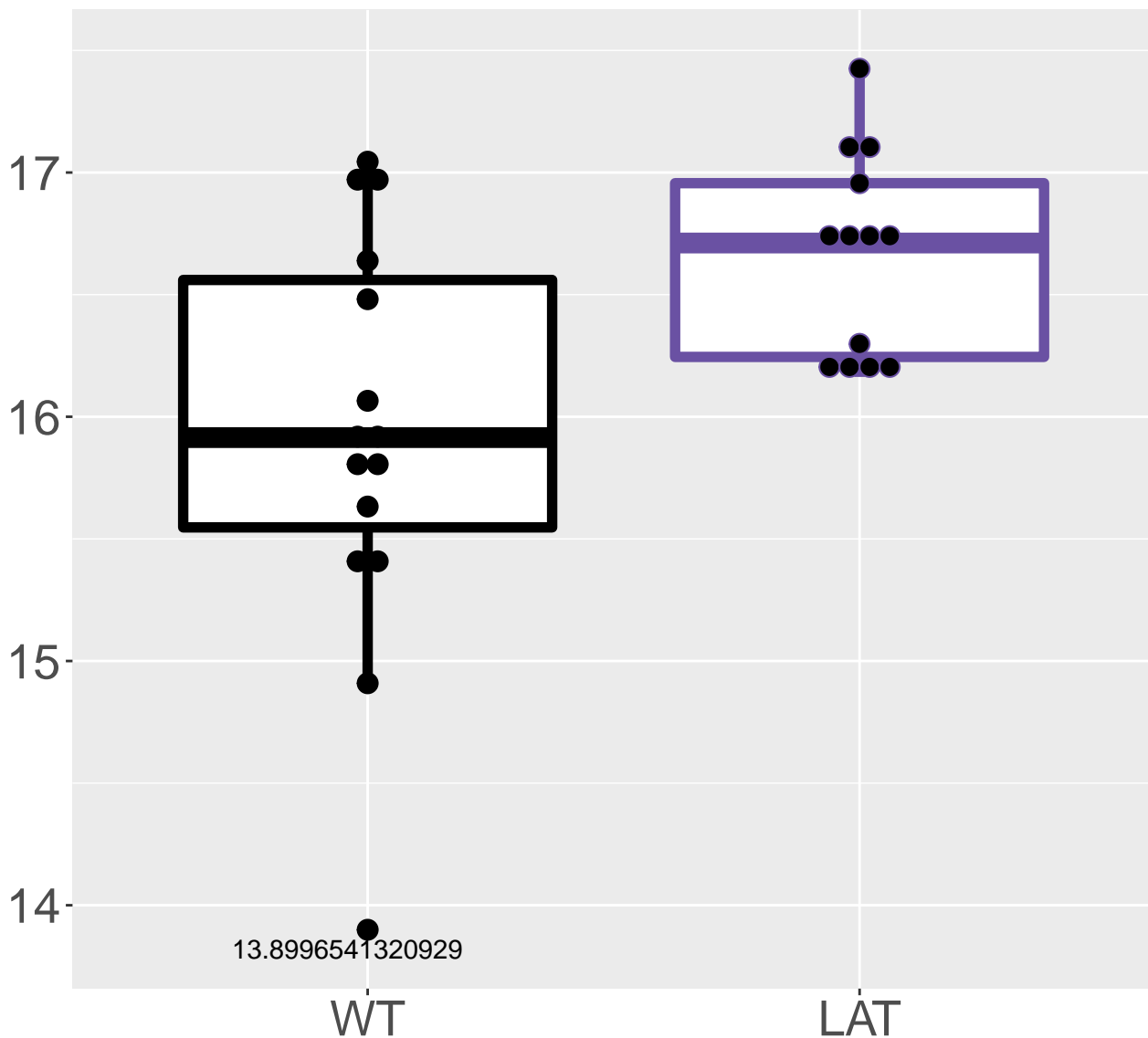
M258.0389T187.23

FDR = 0.03, FC = 3.5

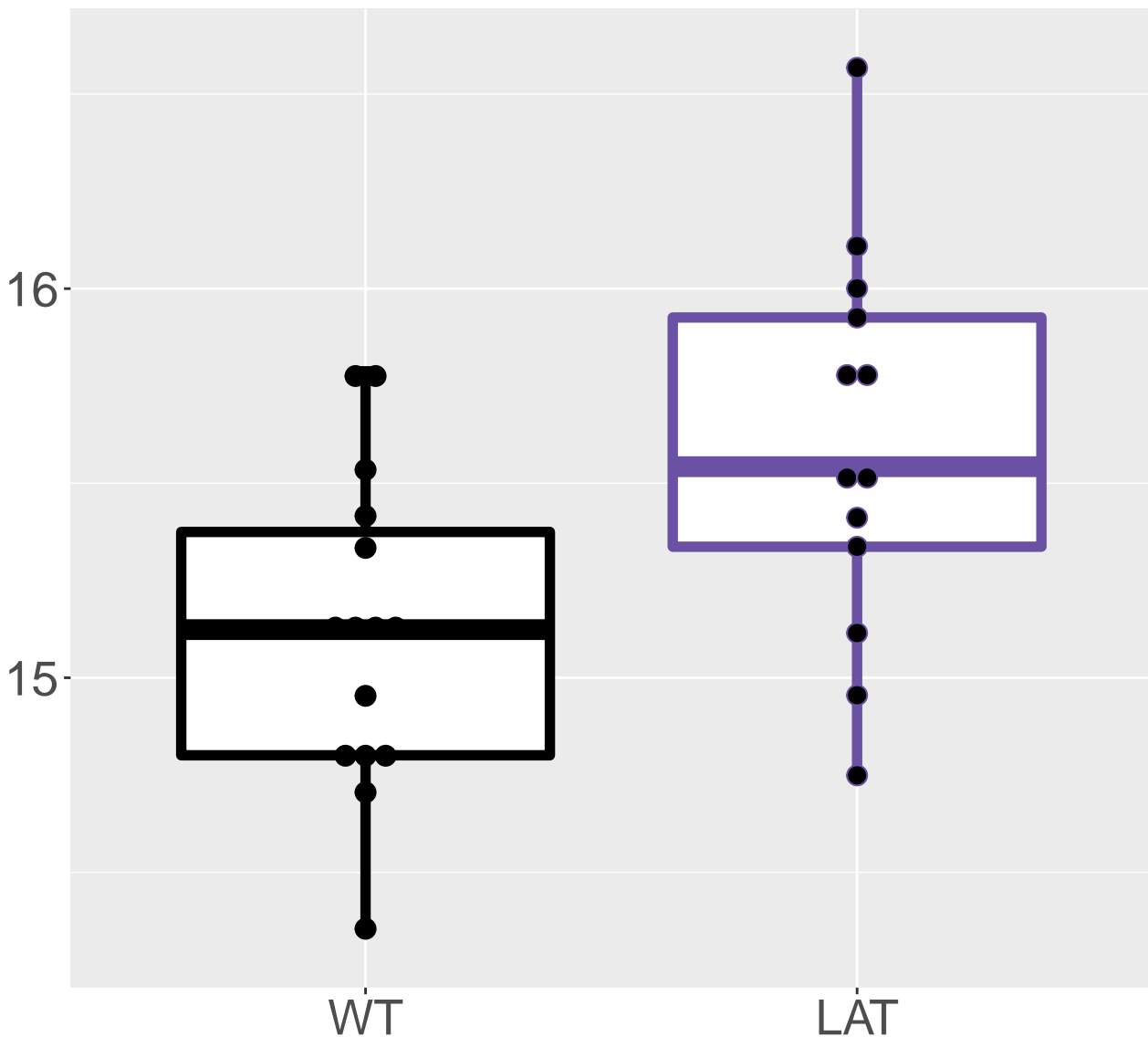


M228.5862T503.8

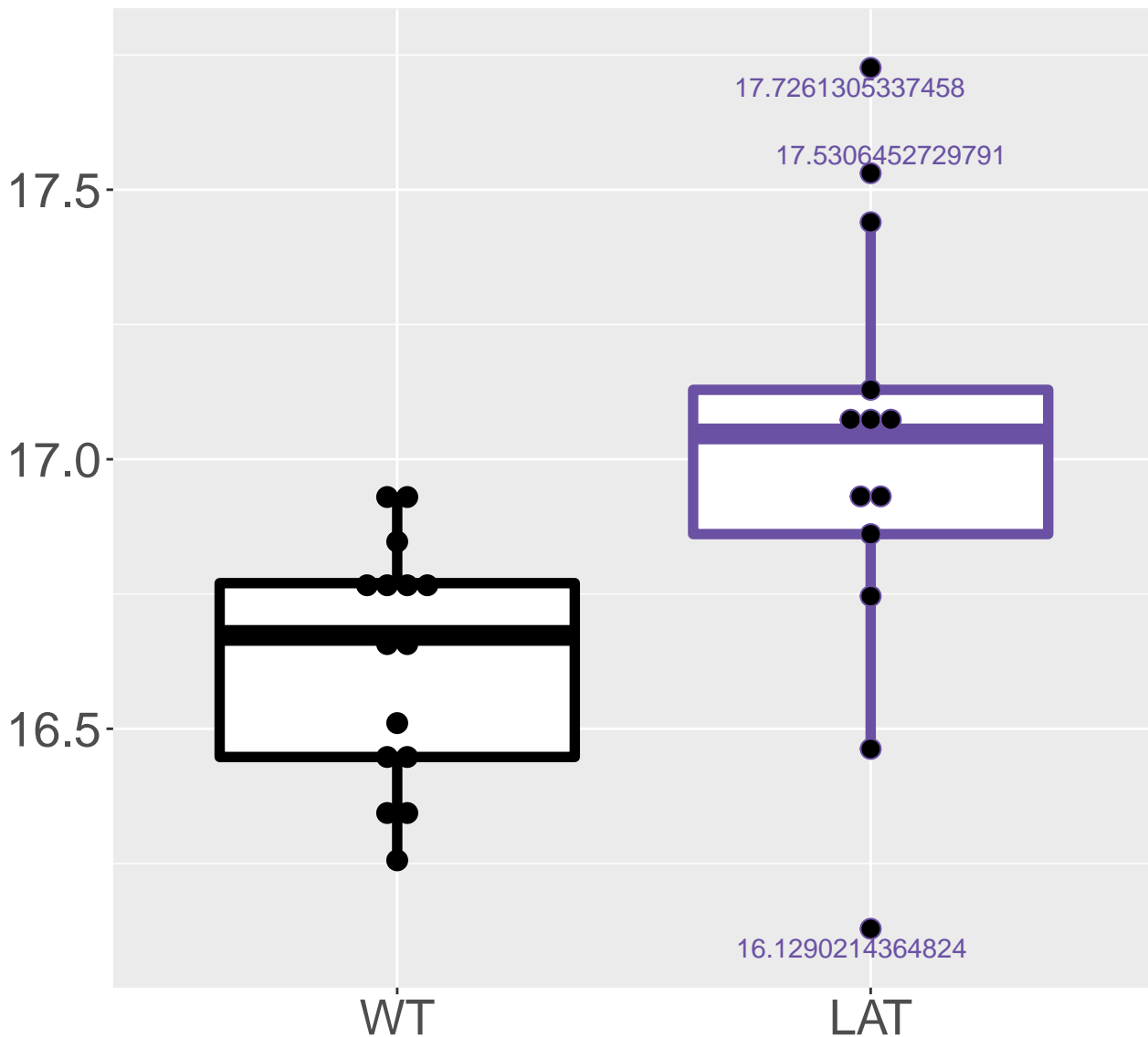
FDR = 0.03, FC = 0.74



M455.0817T544.26
FDR = 0.03, FC = 0.48

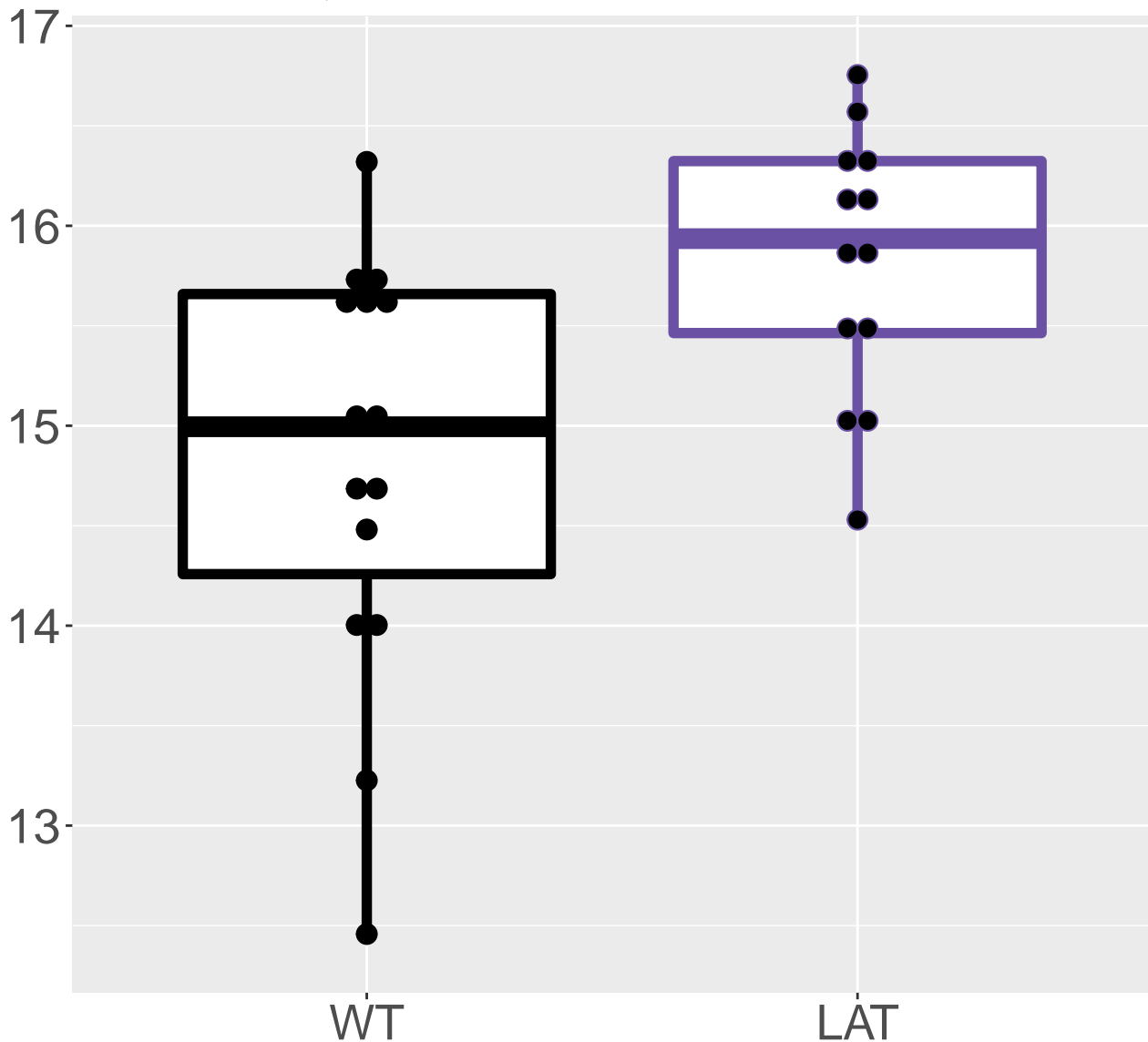


M993.2396T599.02
FDR = 0.03, FC = 0.38

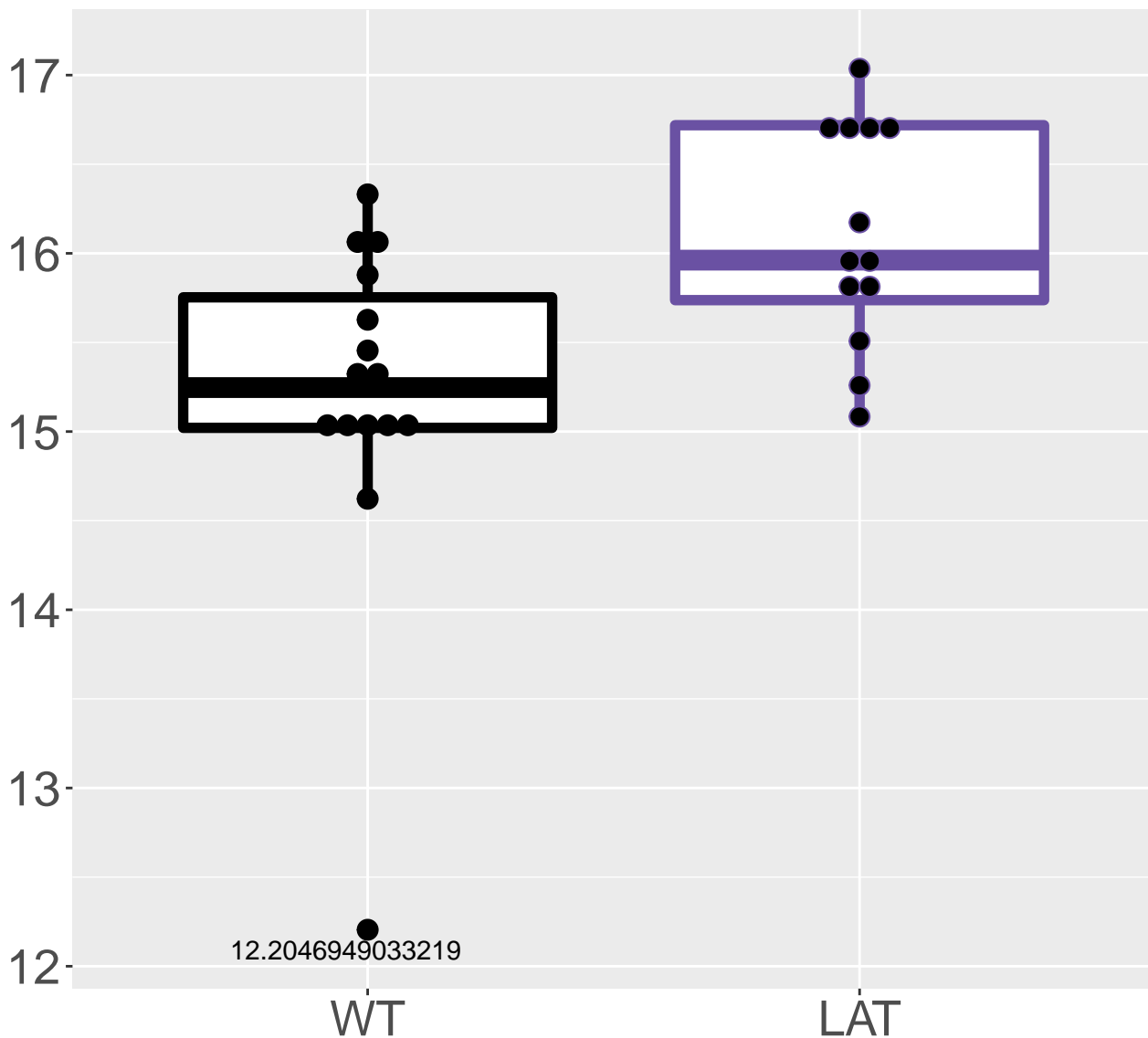


M788.1709T587.15_2

FDR = 0.03, FC = 0.99

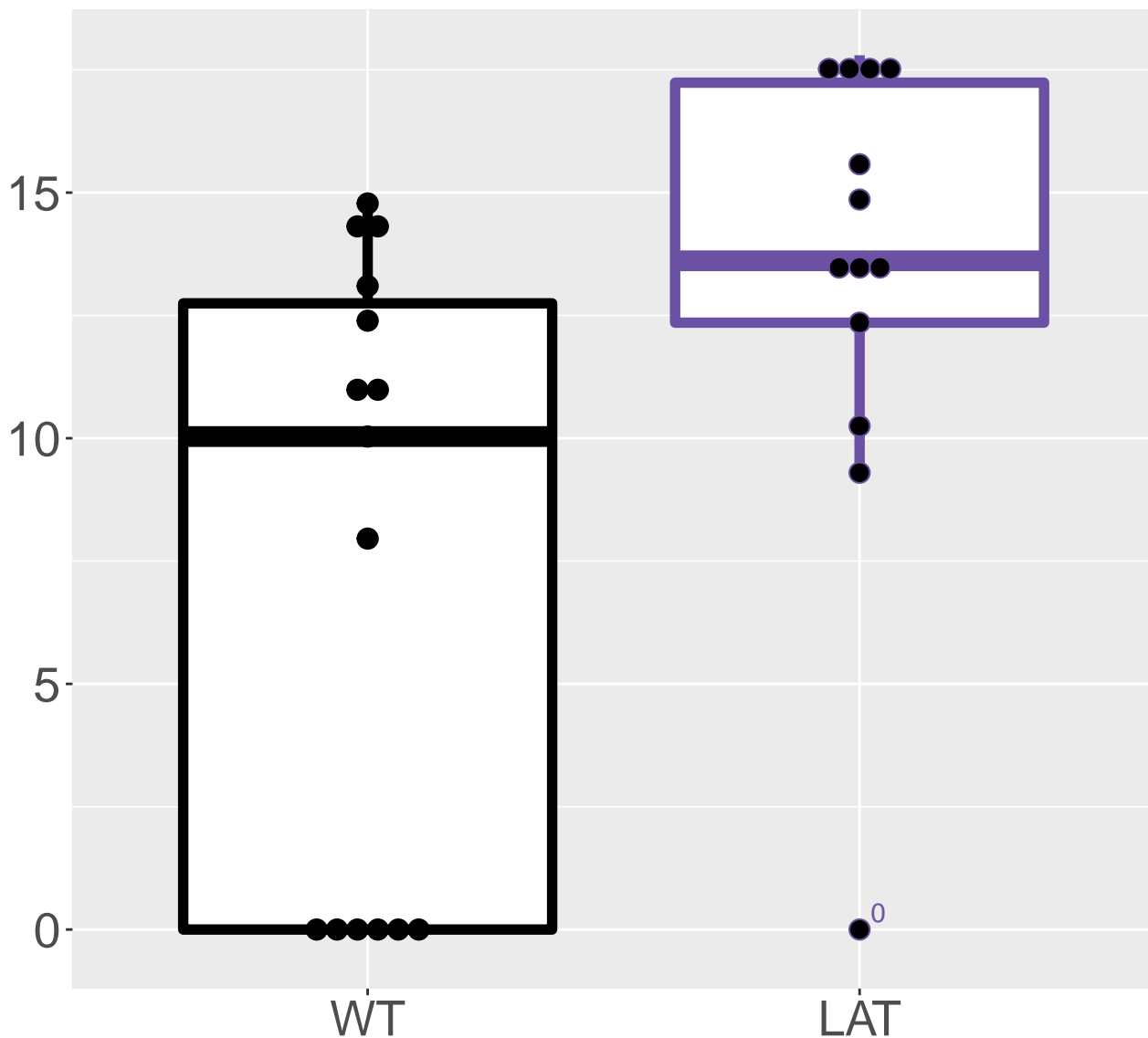


M327.0718T588.58_2
FDR = 0.031, FC = 0.91

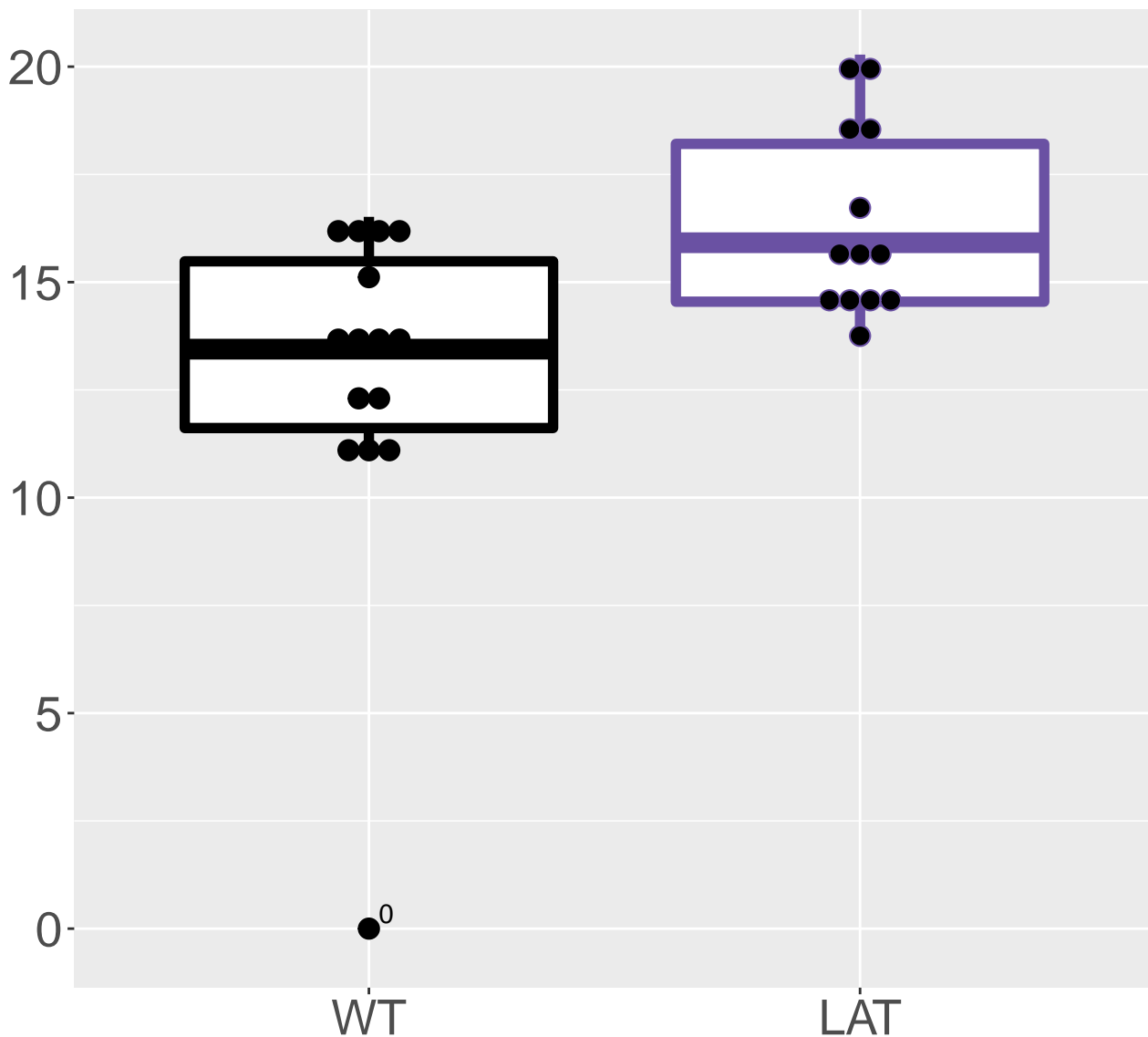


M127.0337T146.91

FDR = 0.031, FC = 6

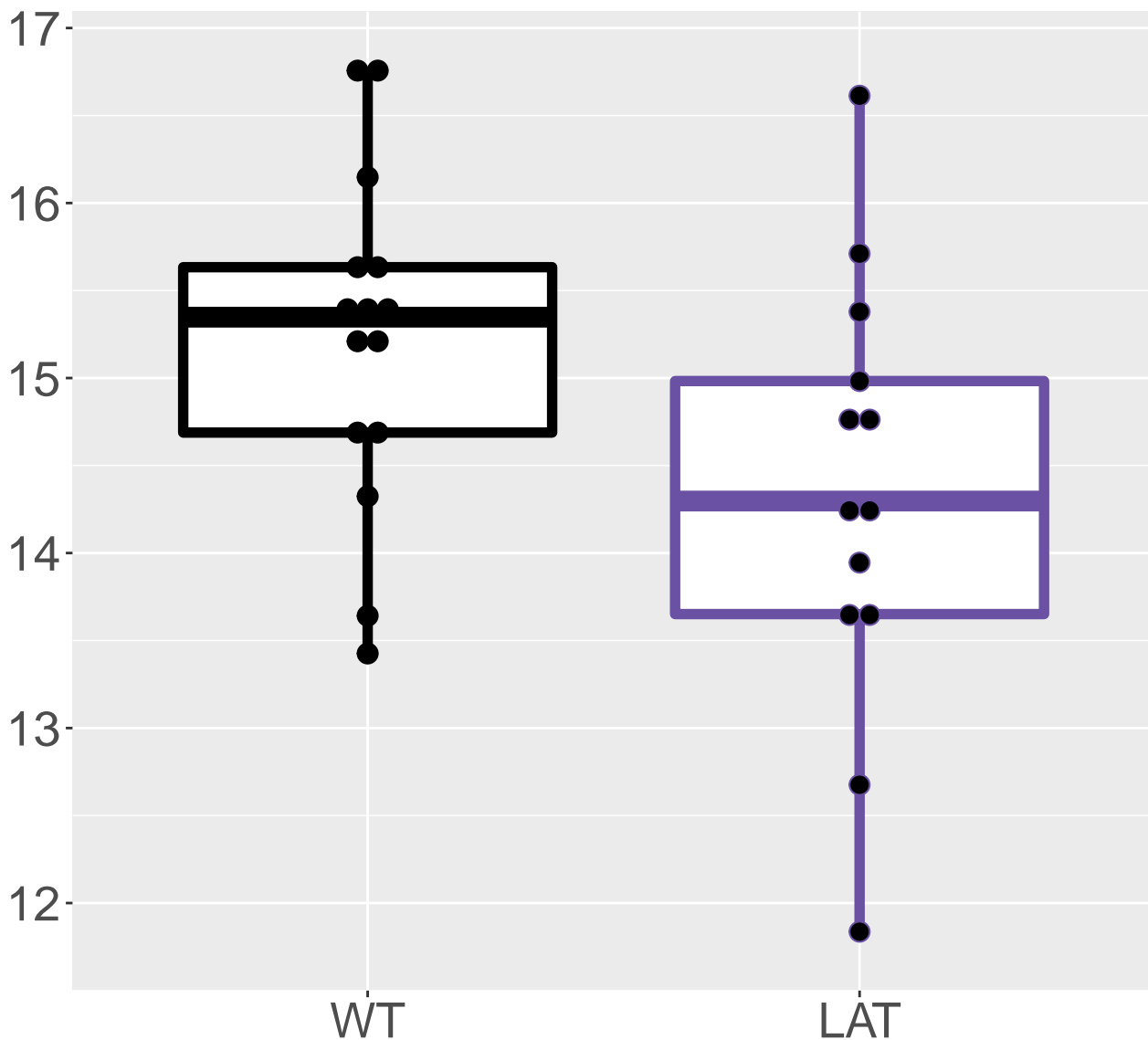


M228.0519T147.15
FDR = 0.031, FC = 3.6

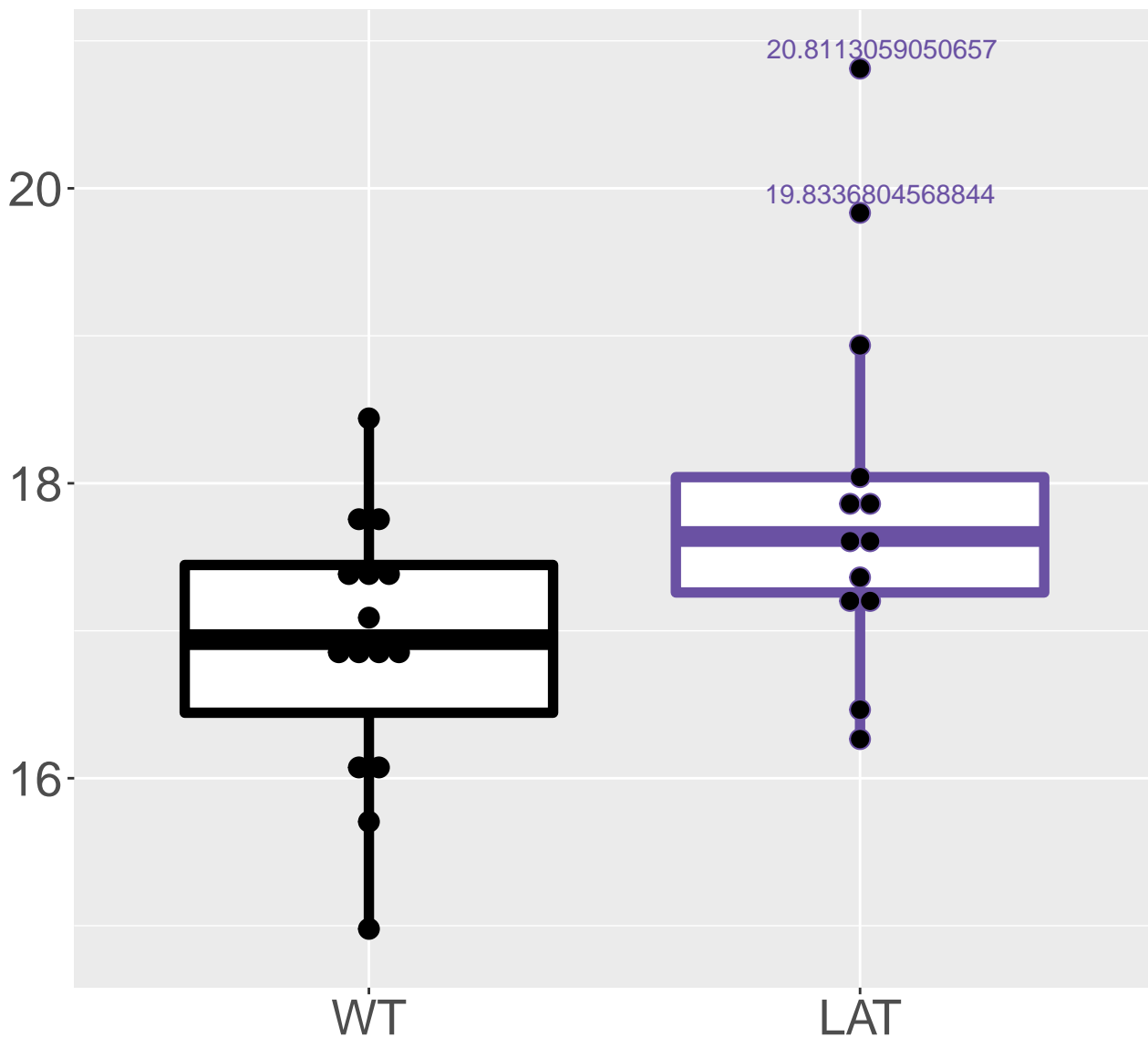


M407.2042T181.1

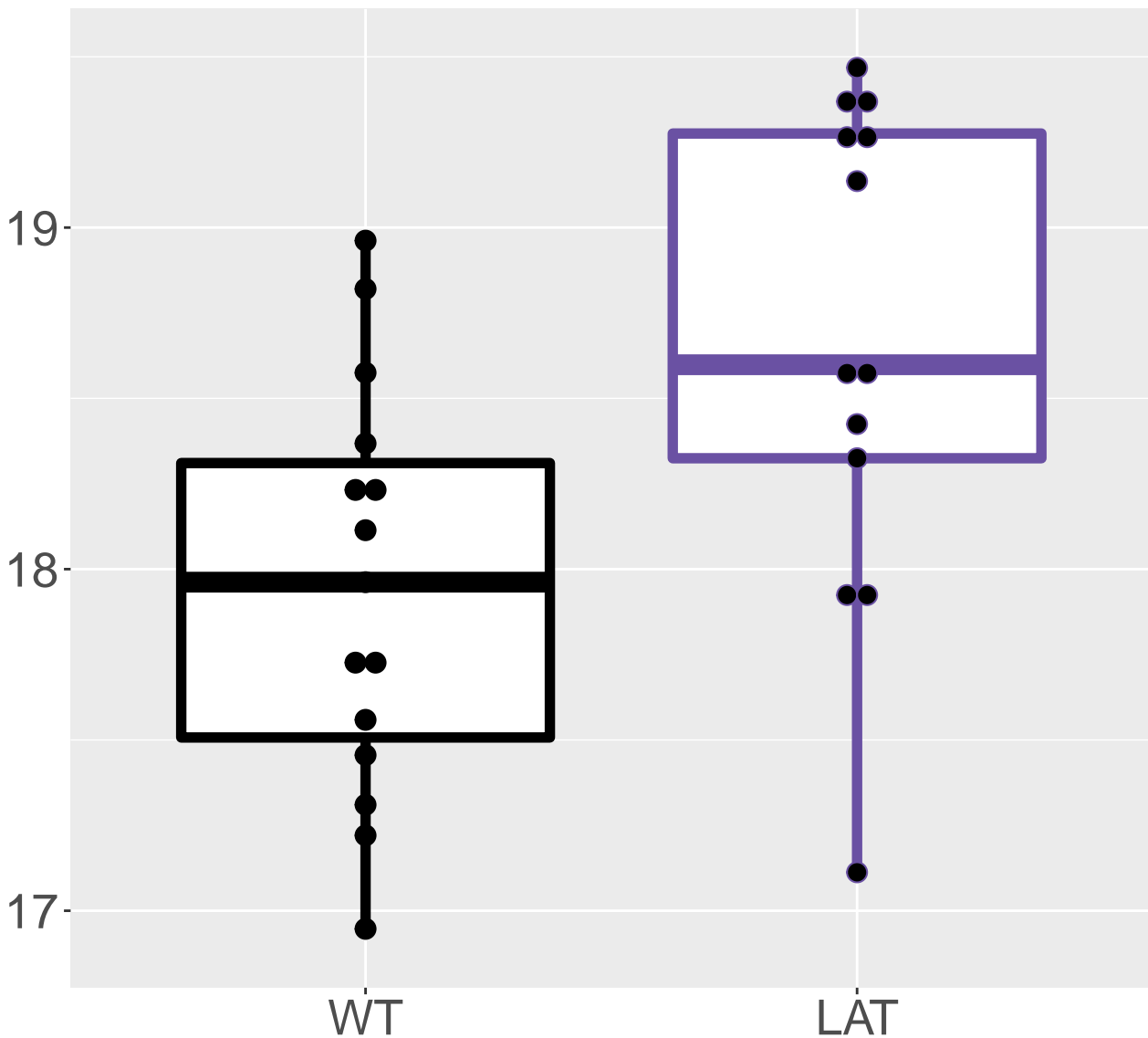
FDR = 0.033, FC = -0.88, sex*



M514.2847T174.03
FDR = 0.033, FC = 1

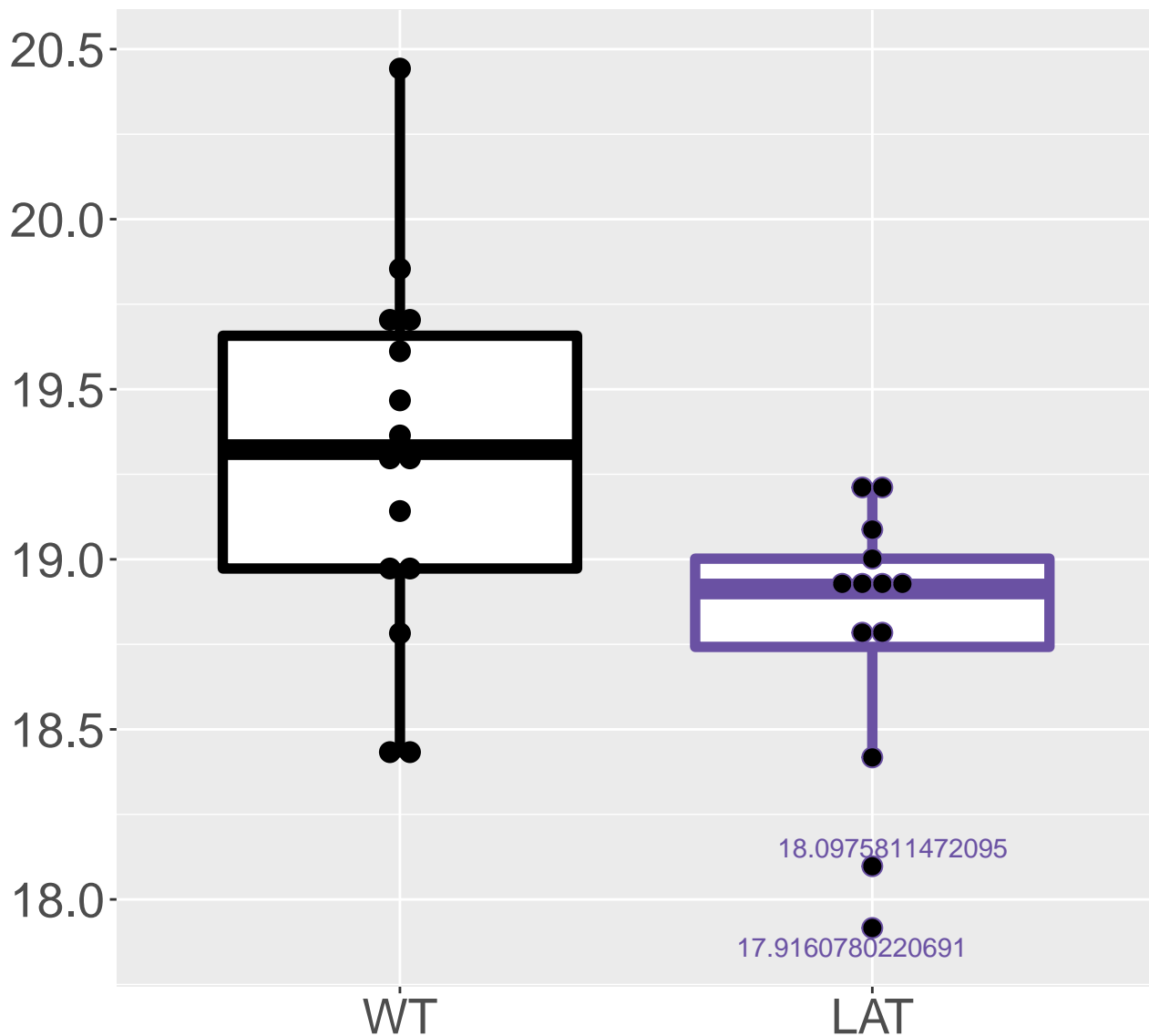


M917.2205T596.11
FDR = 0.033, FC = 0.72



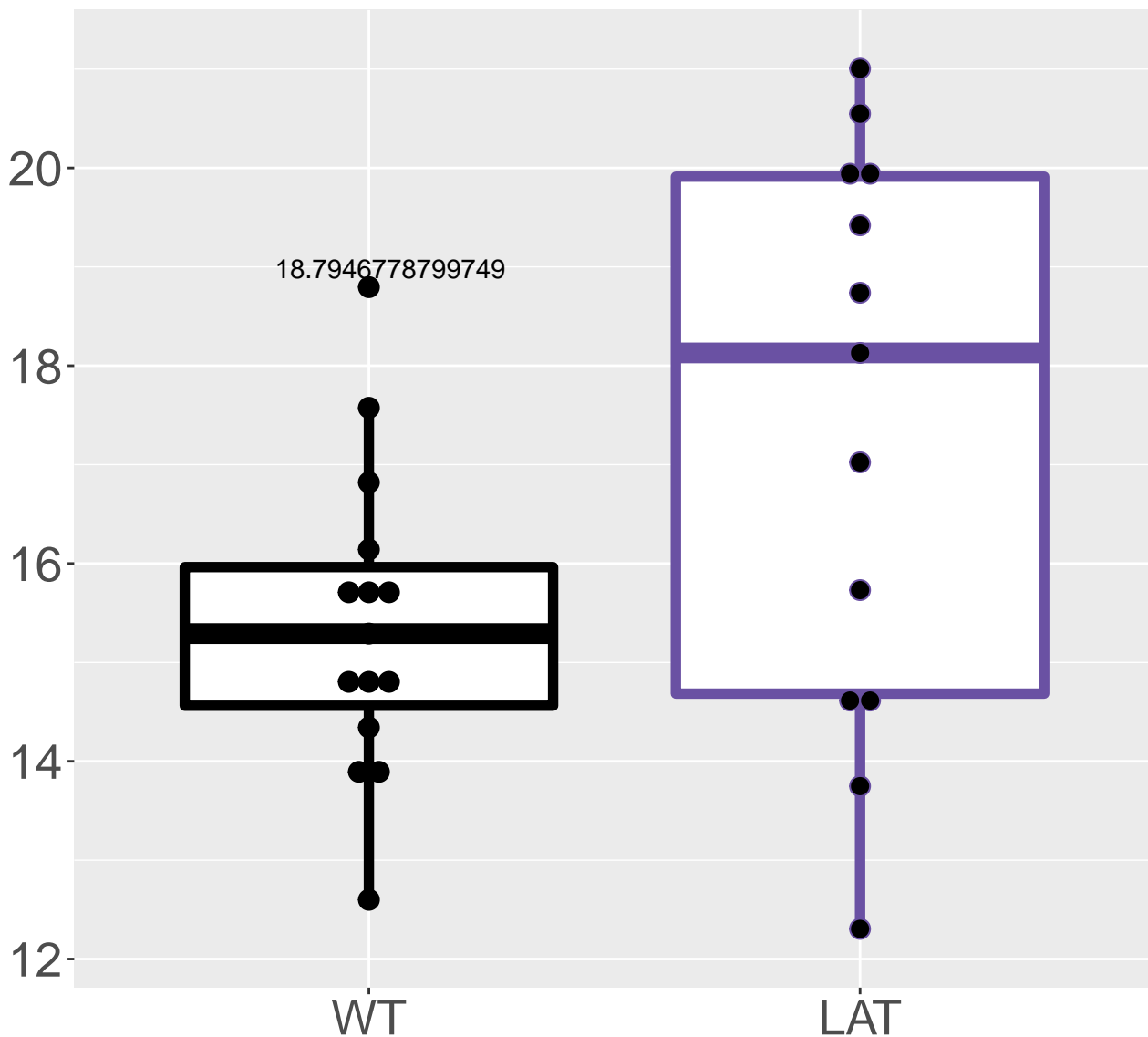
M302.1008T263.6

FDR = 0.033, FC = -0.51



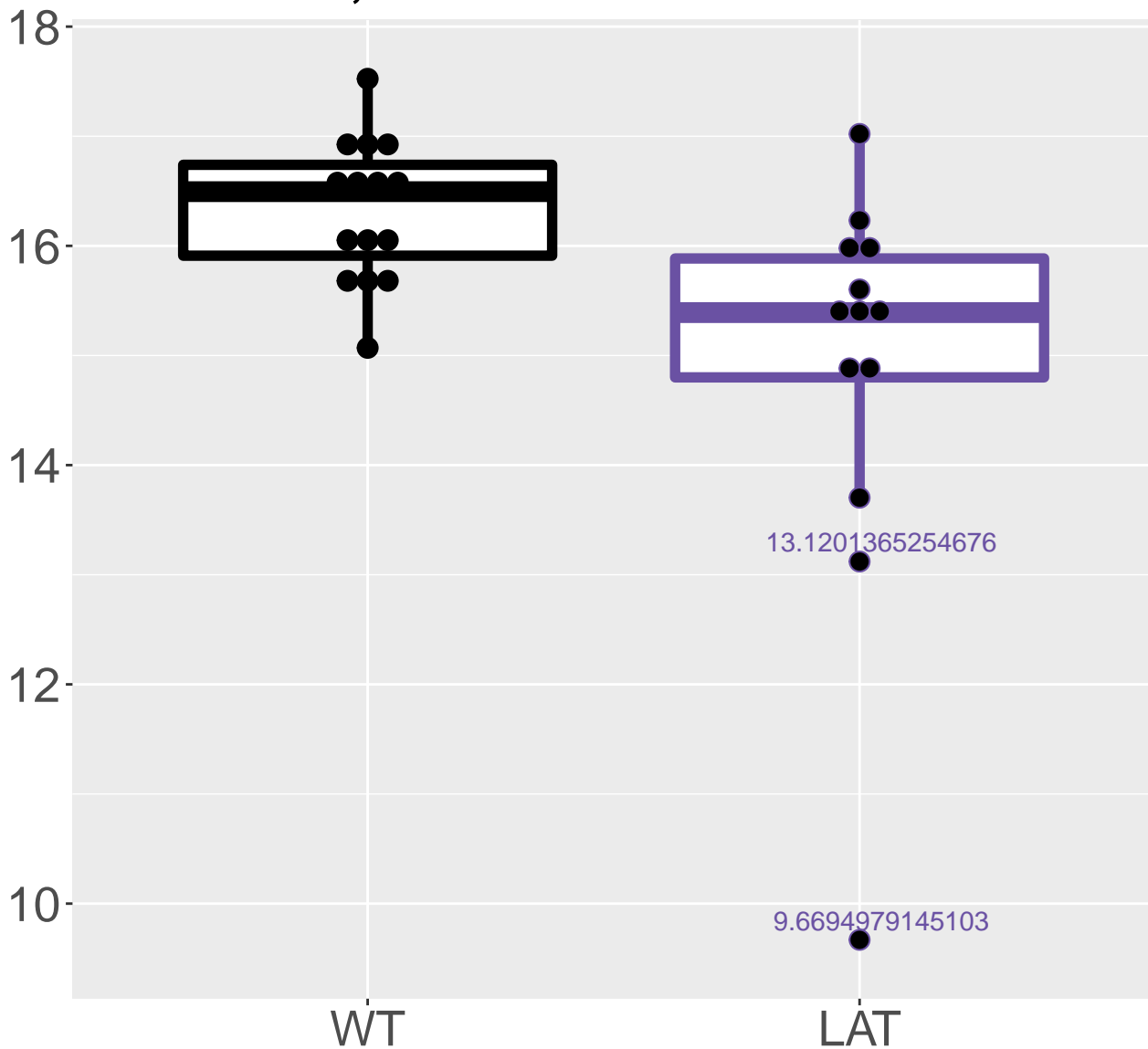
M511.1076T537.88

FDR = 0.033, FC = 2, sex**



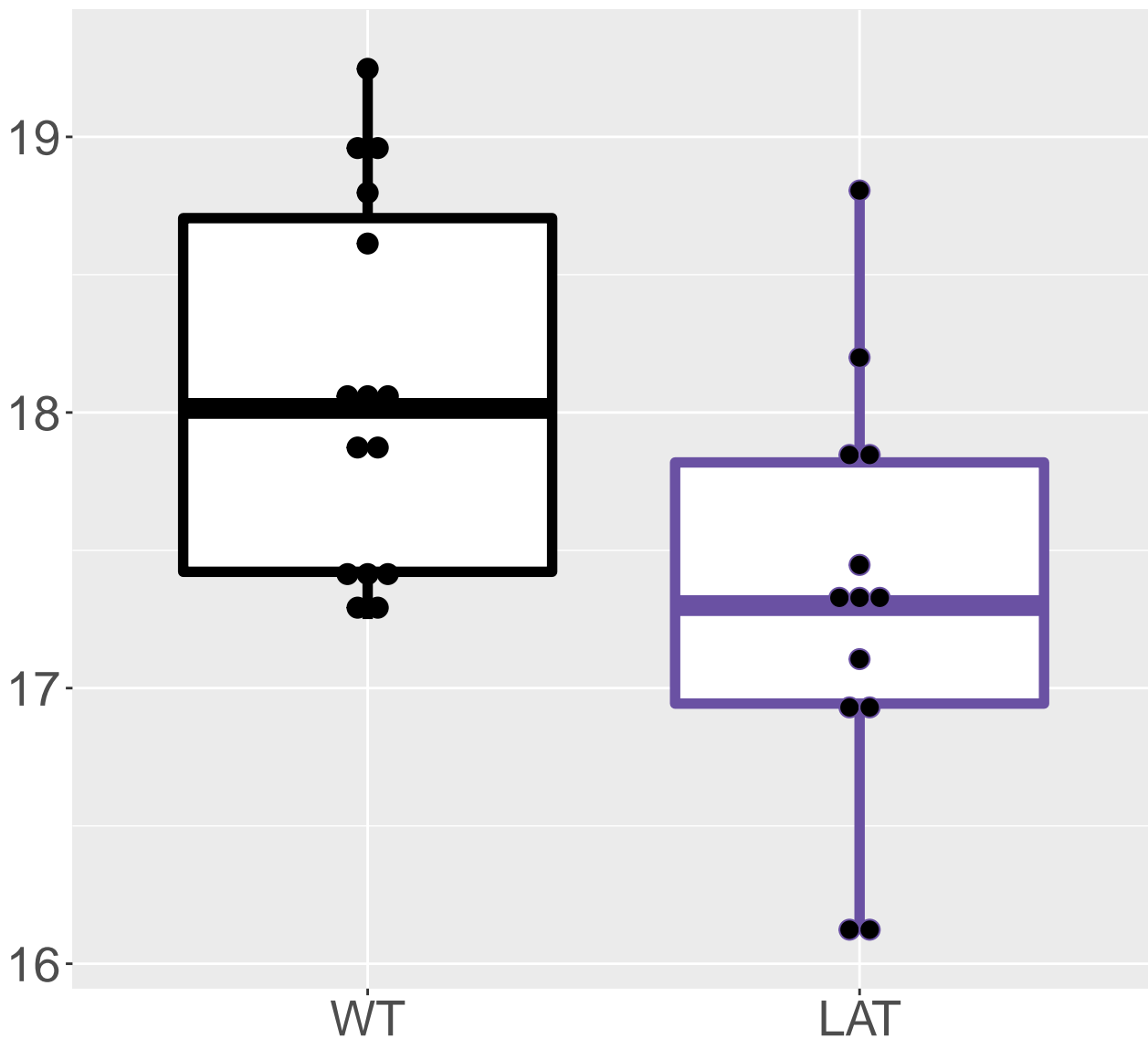
M286.0517T397.46

FDR = 0.033, FC = -1.4

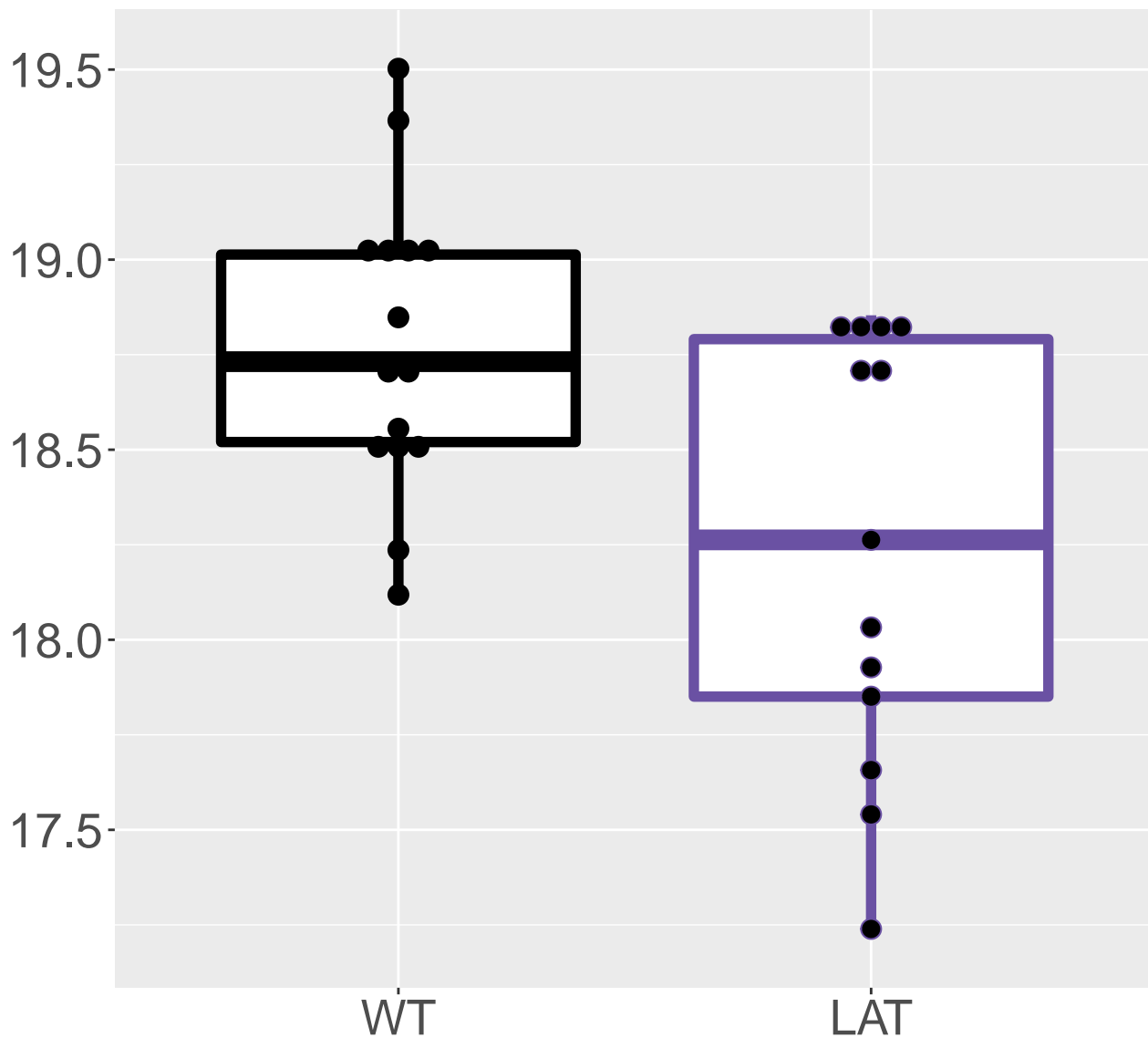


M586.1762T363.93

FDR = 0.034, FC = -0.75

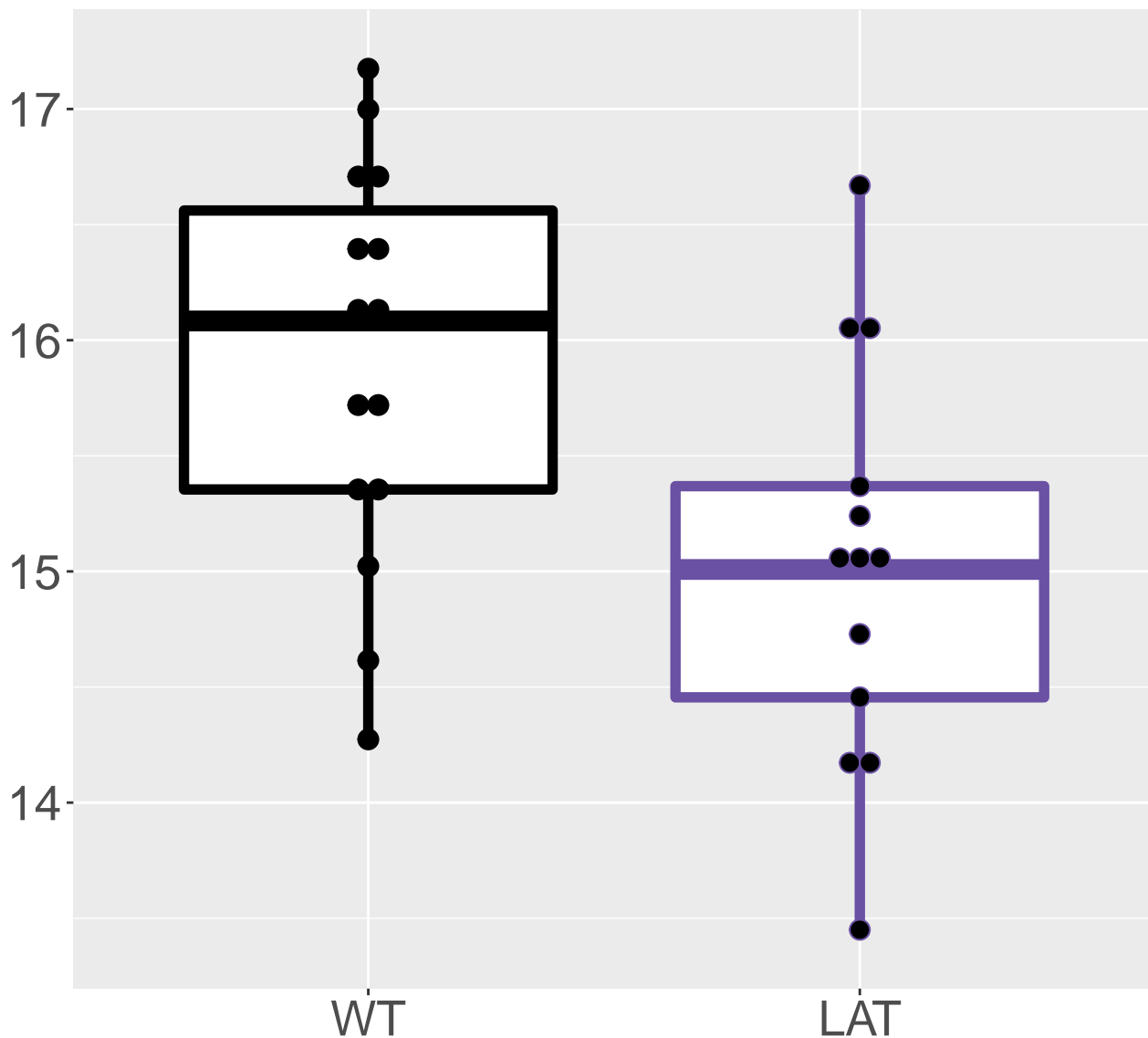


M294.0836T561.57
FDR = 0.034, FC = -0.53



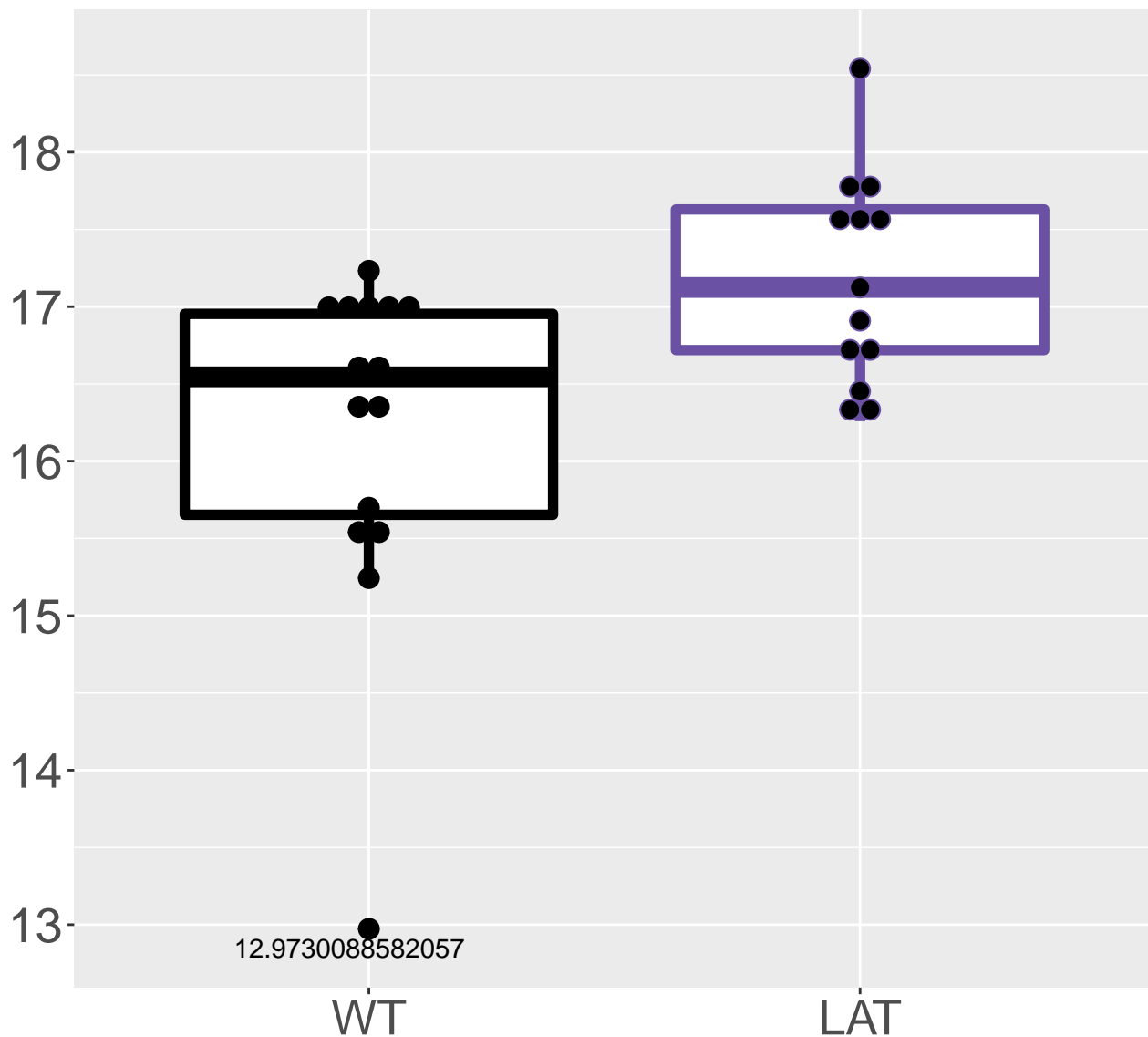
M248.1143T212.36

FDR = 0.034, FC = -0.88



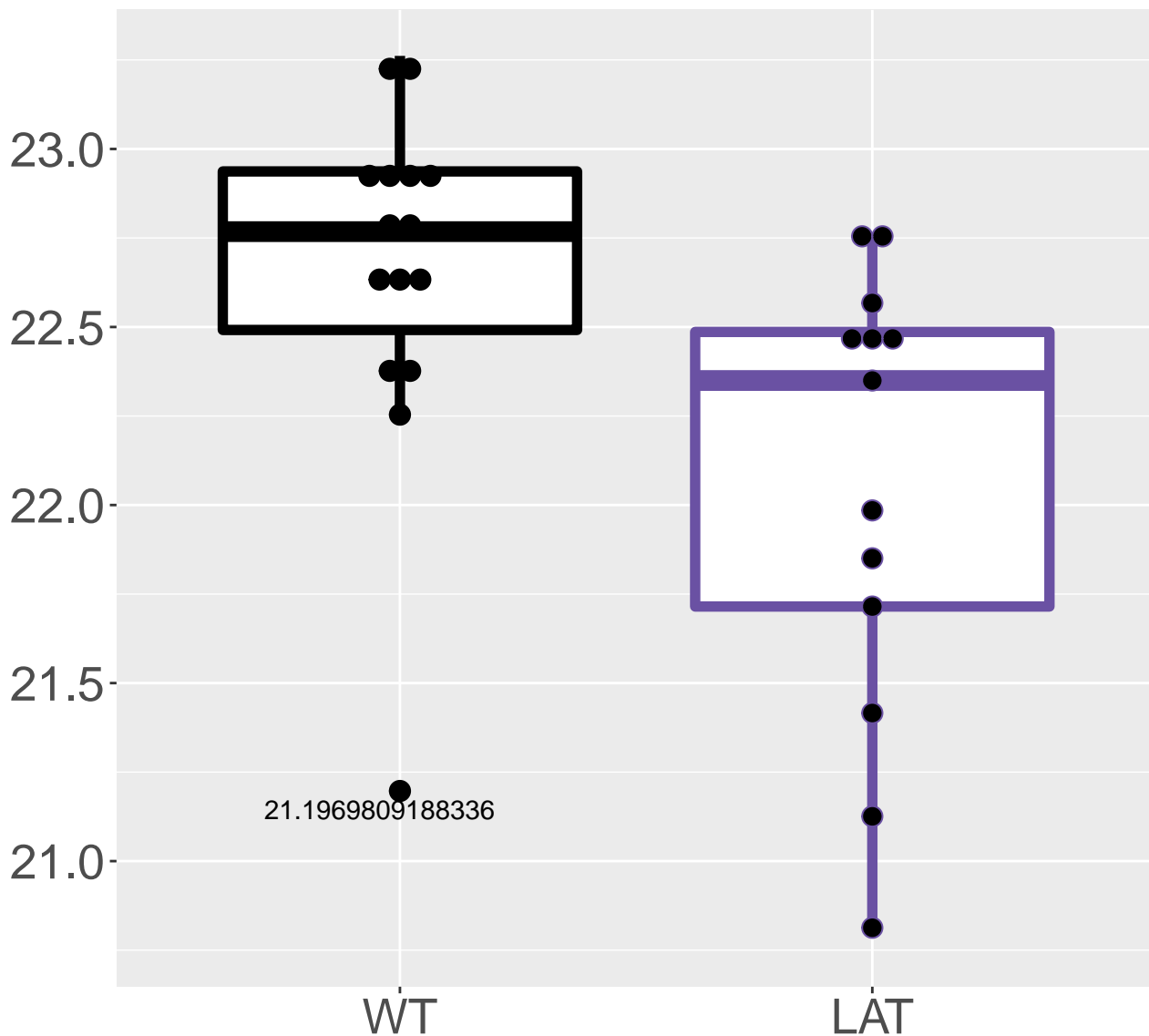
M319.0441T528.26

FDR = 0.034, FC = 0.98

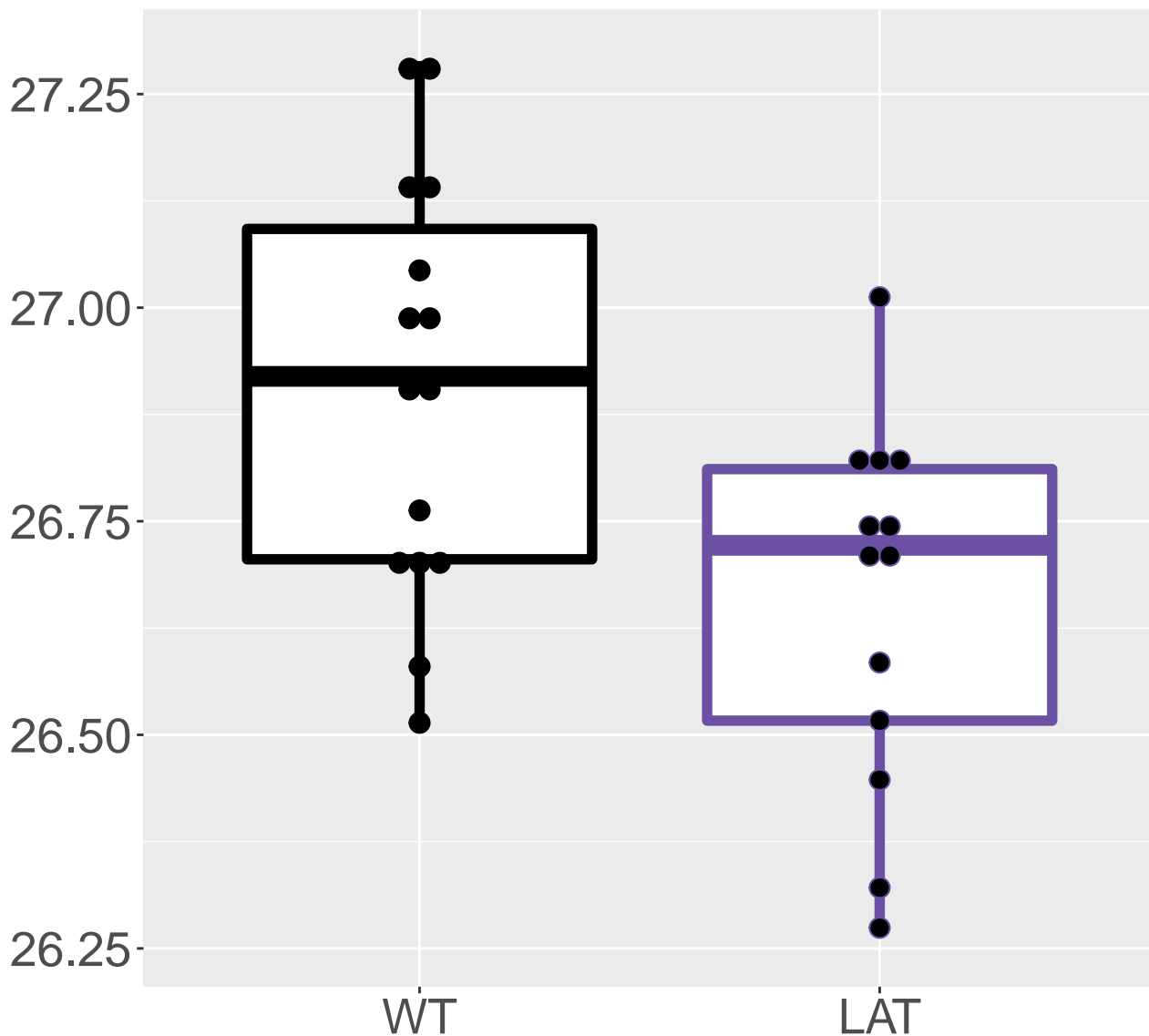


M136.0345T264.1

FDR = 0.034, FC = -0.6

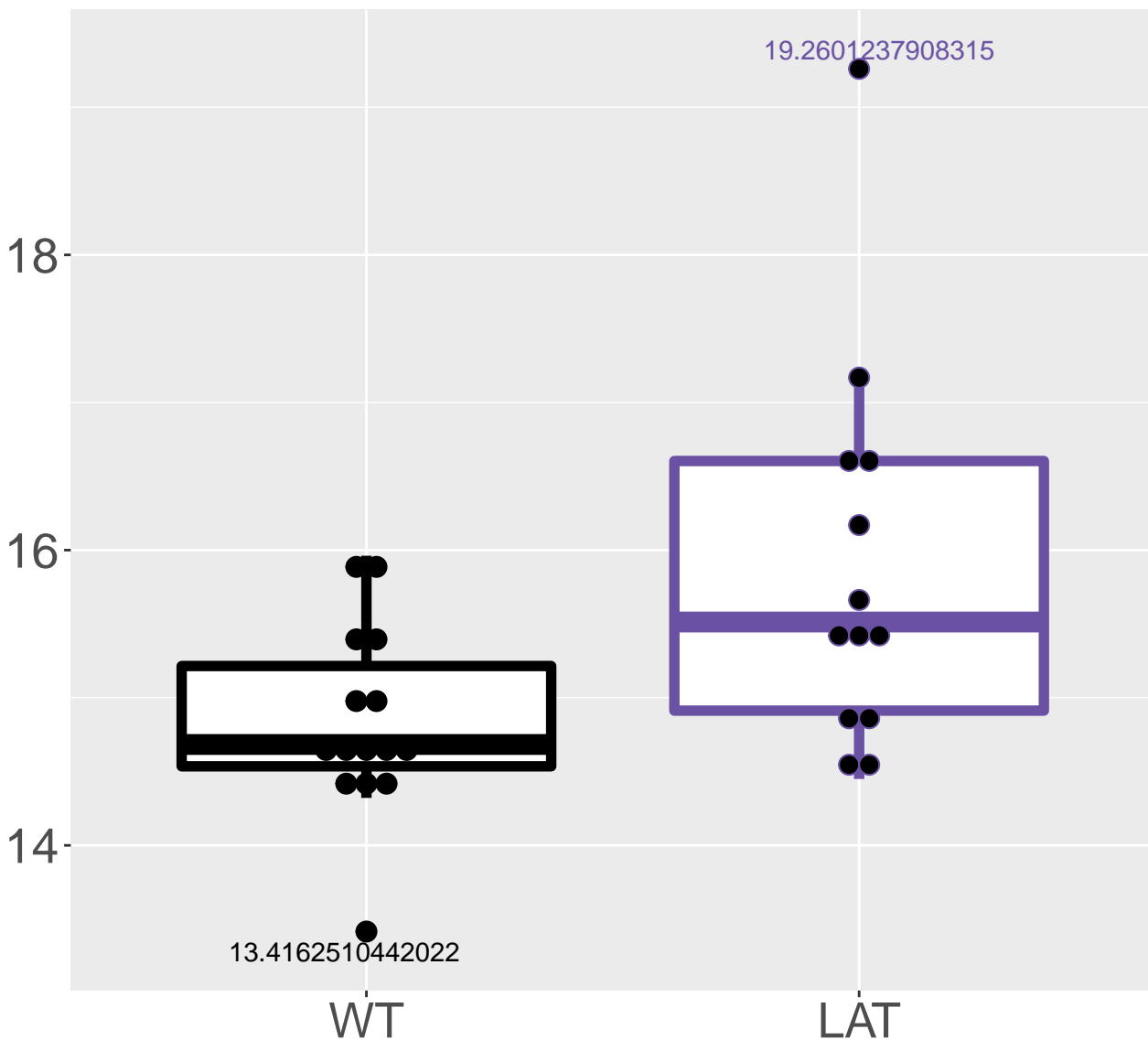


D-Pyroglutamic acid;5-oxo-D-proline|L-Pyr
FDR = 0.034, FC = -0.25

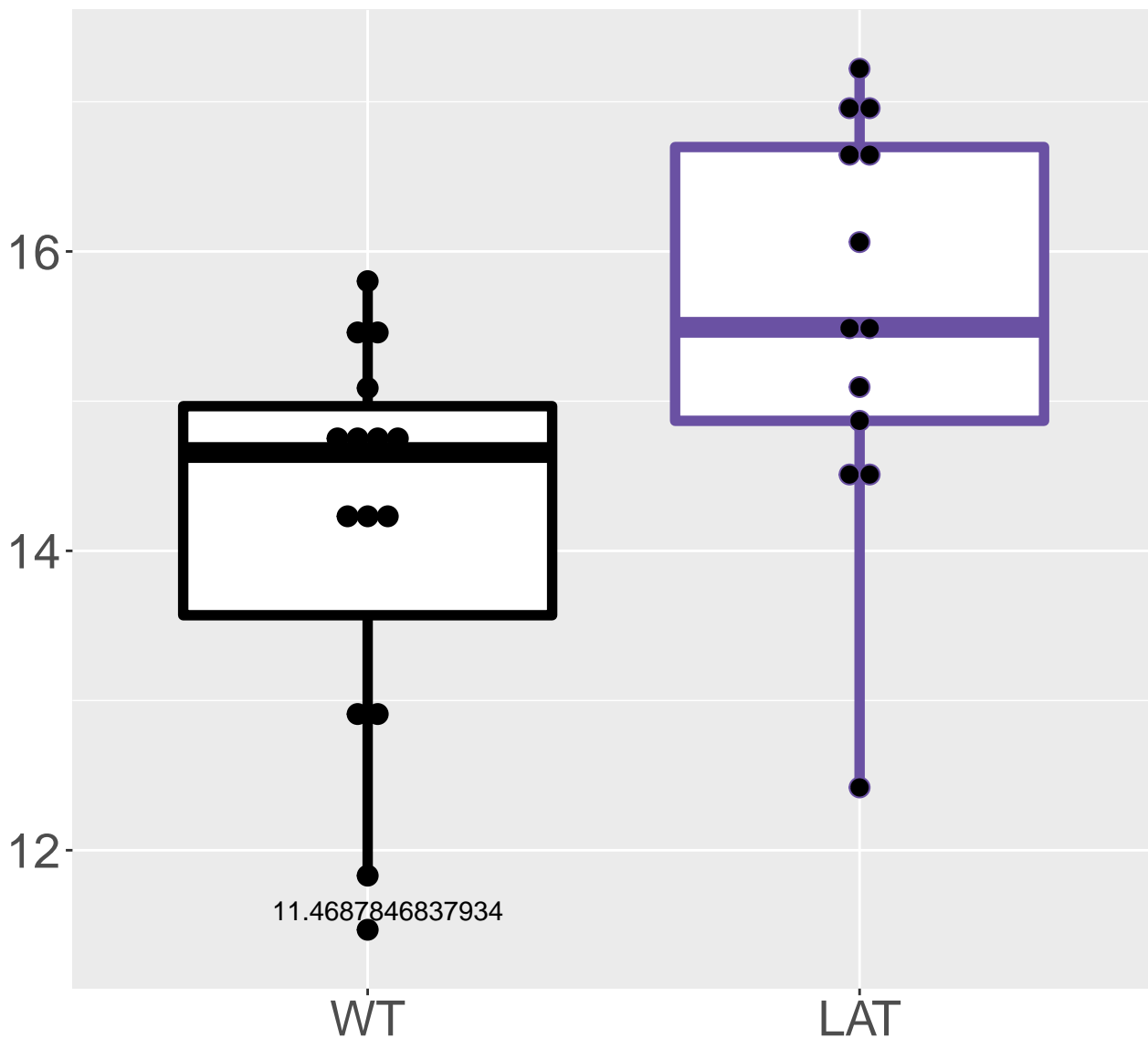


M111.9296T698.76

FDR = 0.035, FC = 1.1

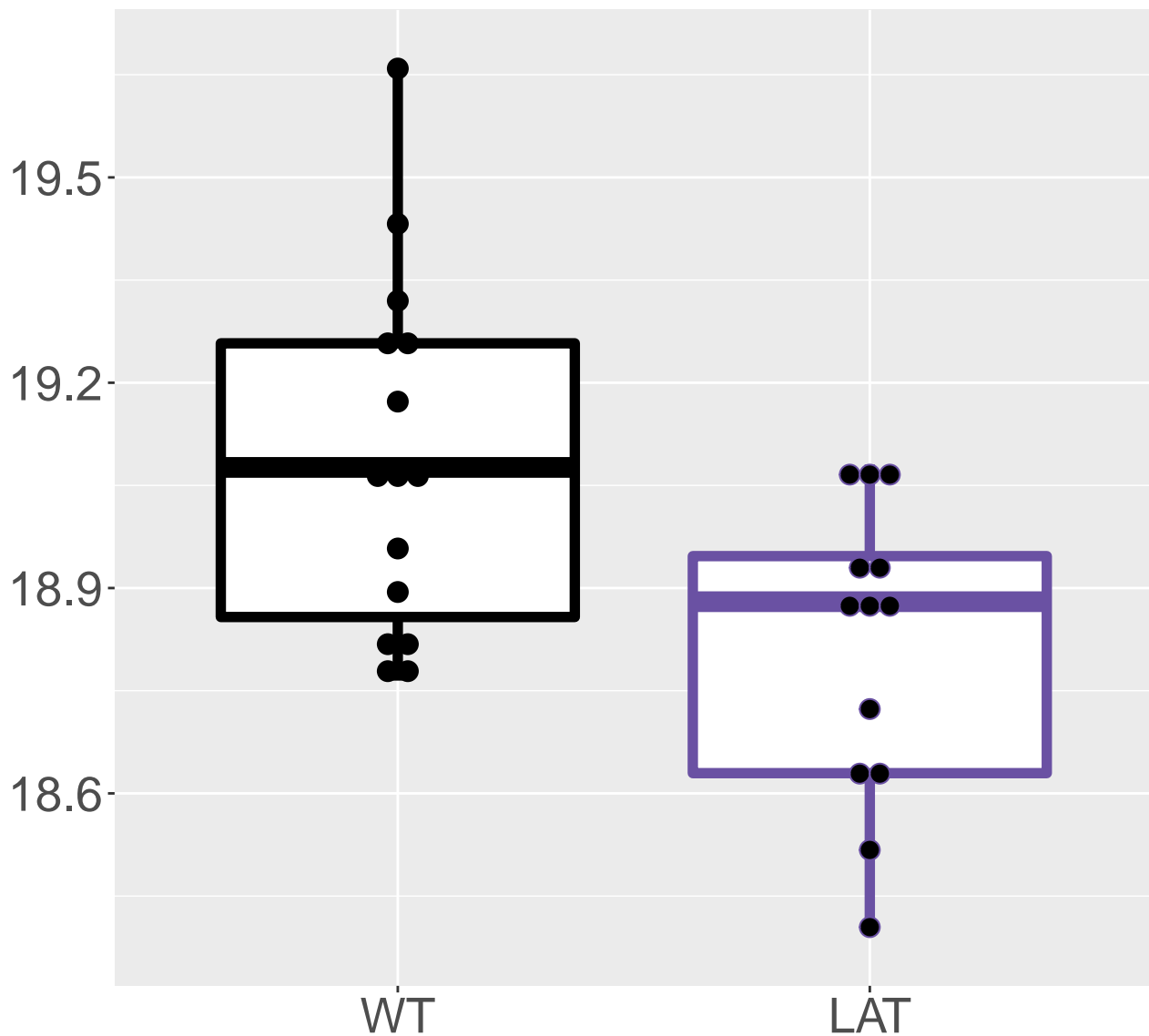


M573.1447T543.09
FDR = 0.035, FC = 1.4

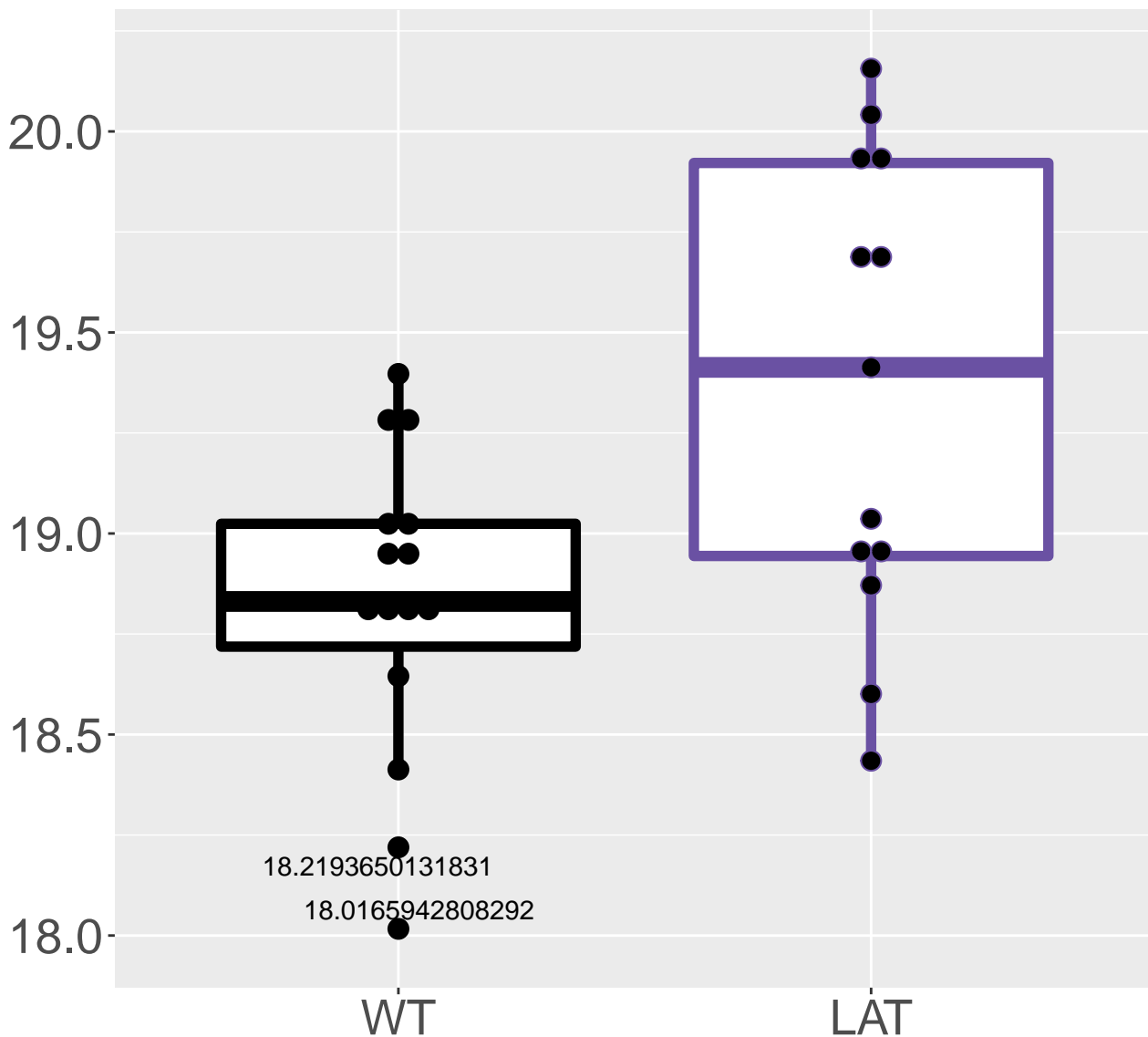


M130.0395T280.07

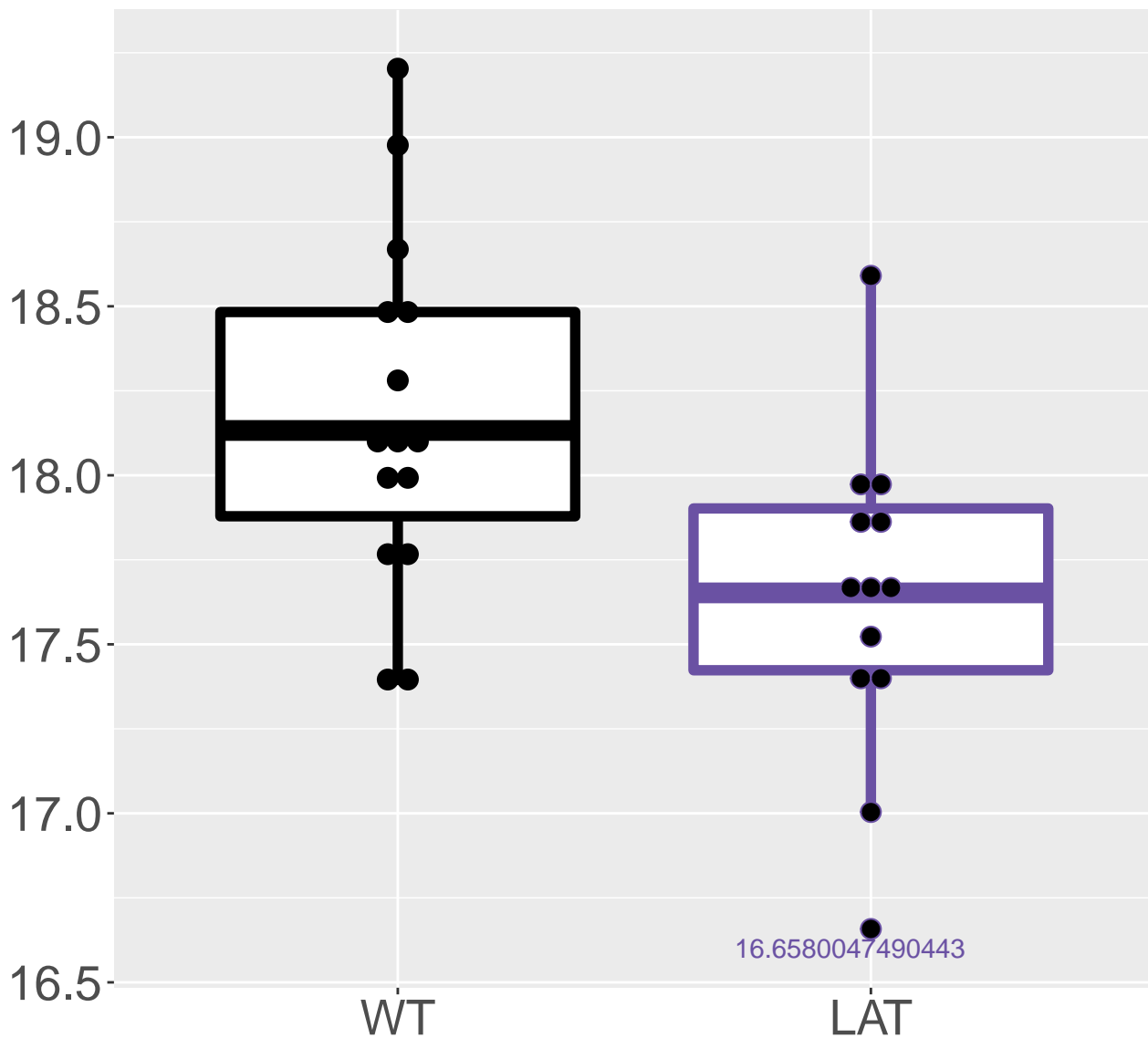
FDR = 0.035, FC = -0.28



M217.0471T589.12_1
FDR = 0.035, FC = 0.53

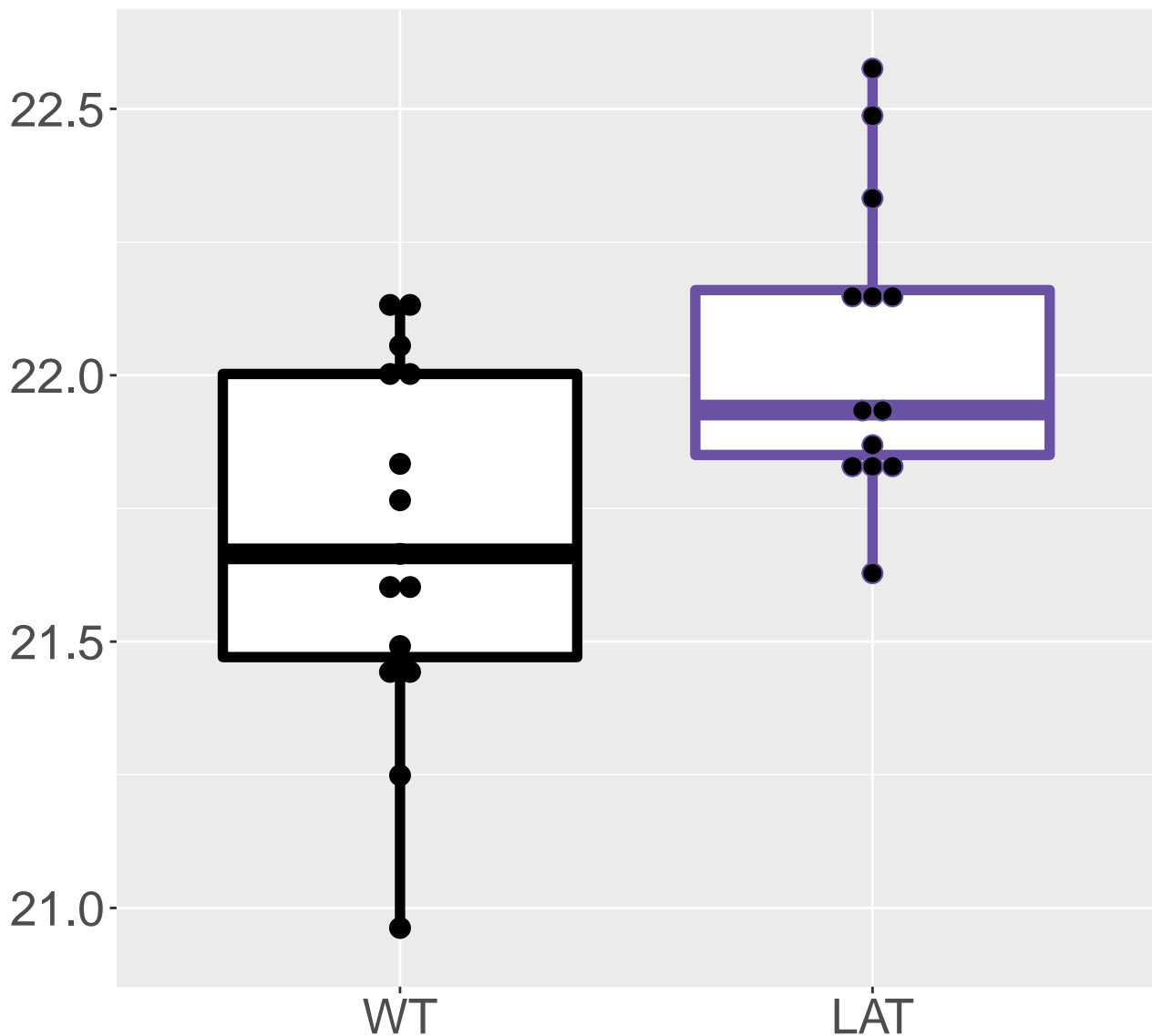


FDR = 0.035, FC = -0.55



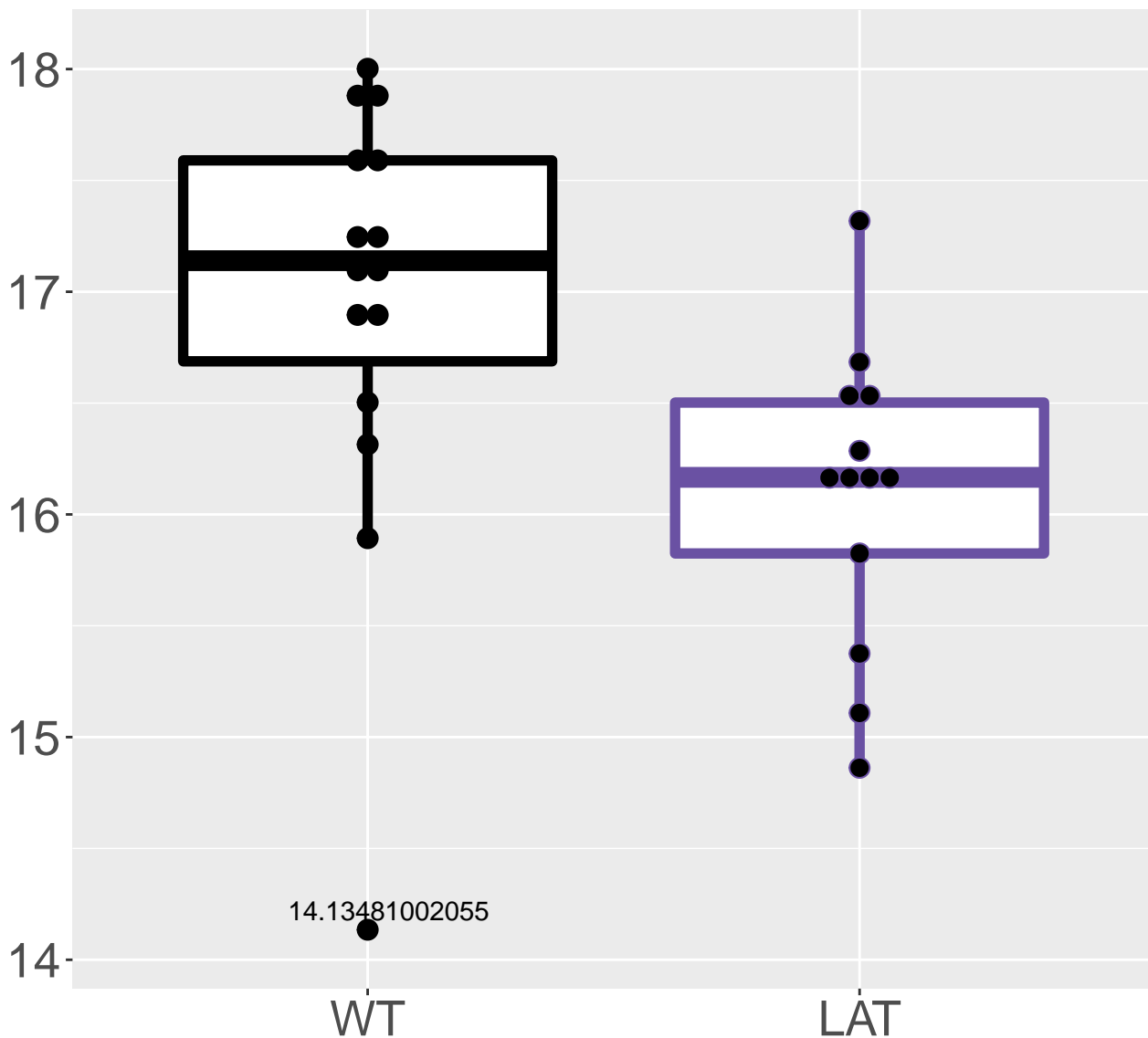
M306.0868T443.94

FDR = 0.035, FC = 0.36



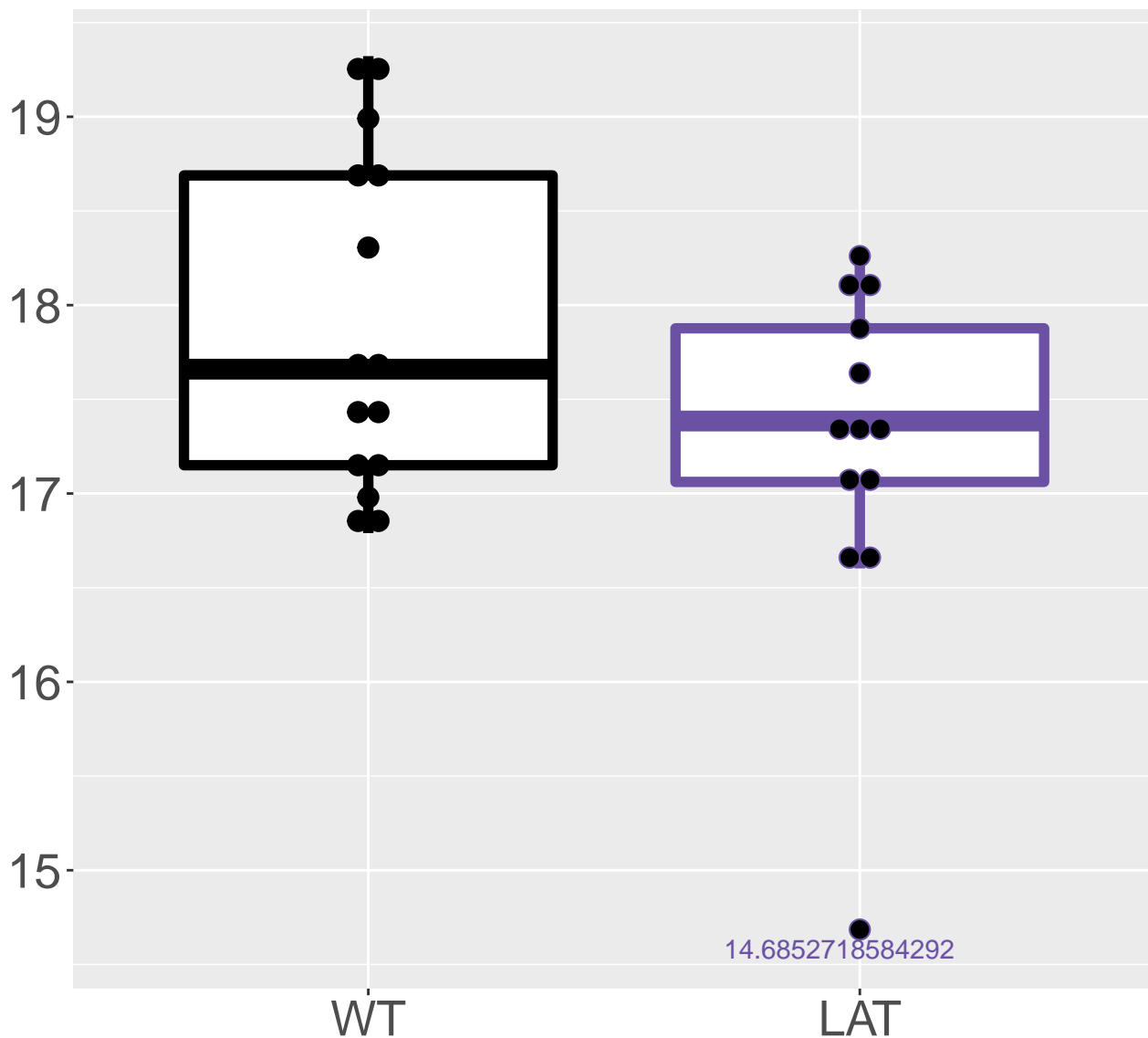
M412.1103T407.63

FDR = 0.035, FC = -0.86



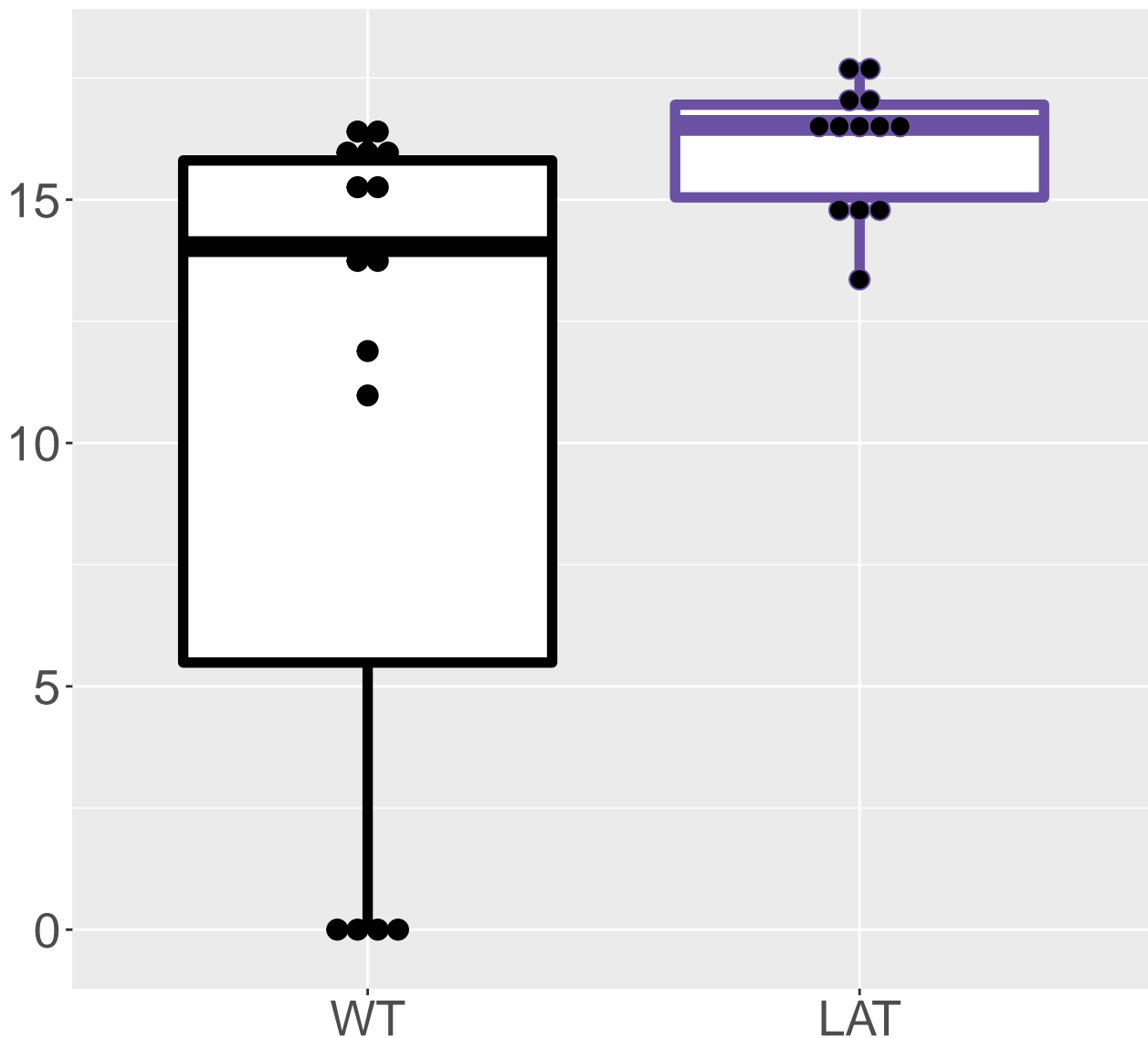
M510.4614T78.71

FDR = 0.036, FC = -0.65, sex**



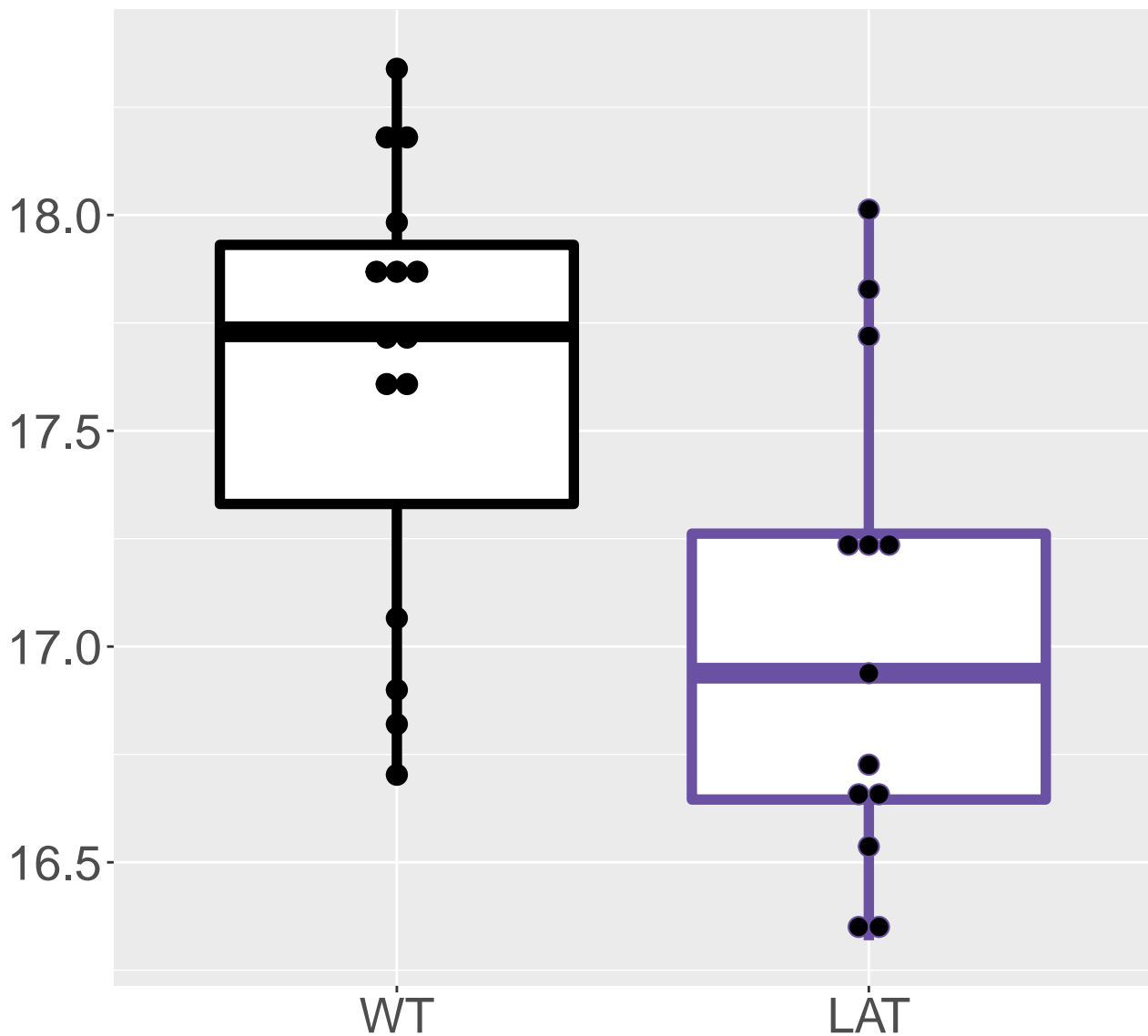
M913.244T529.83

FDR = 0.036, FC = 5.4

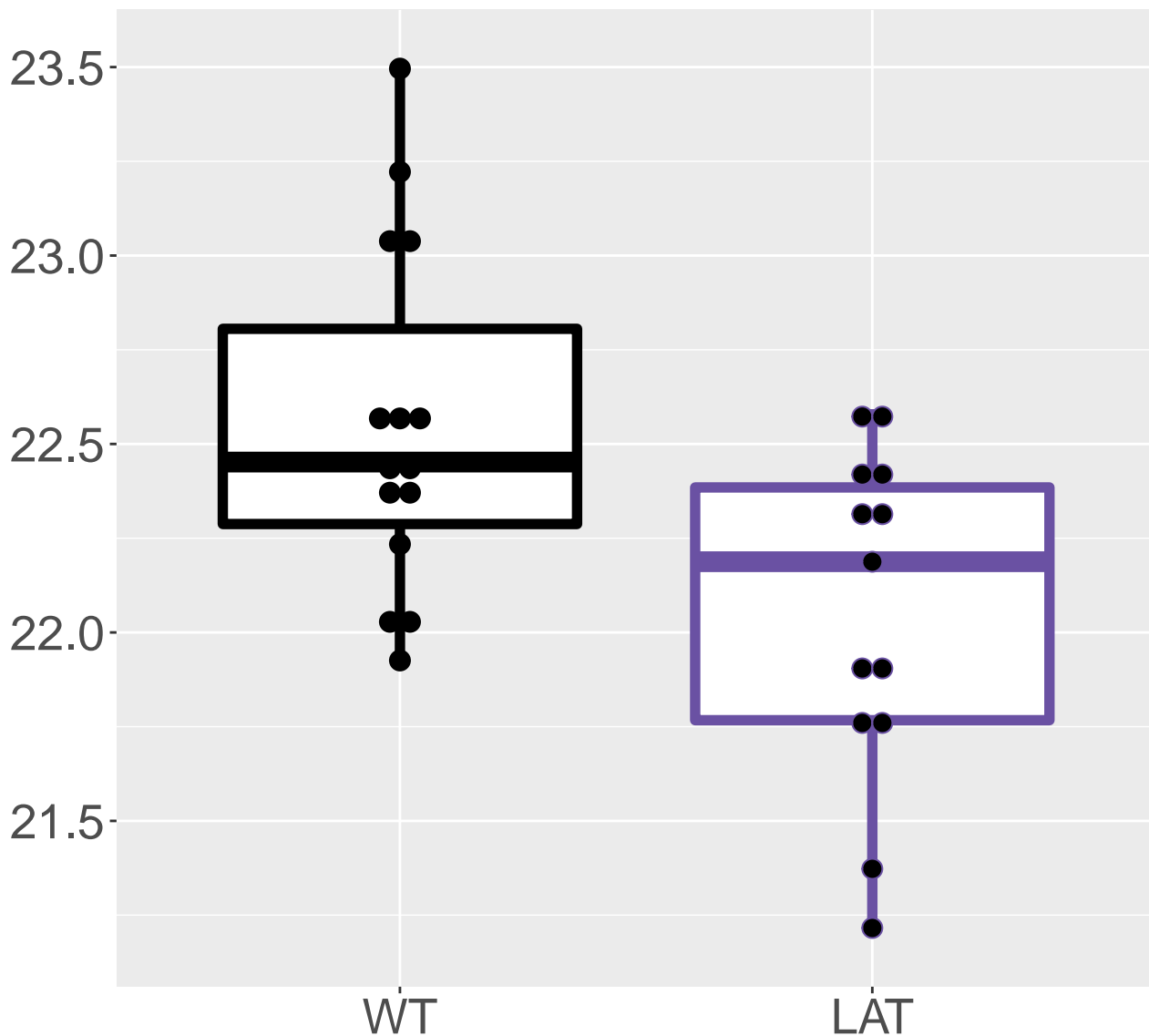


M364.1256T181.58

FDR = 0.036, FC = -0.59

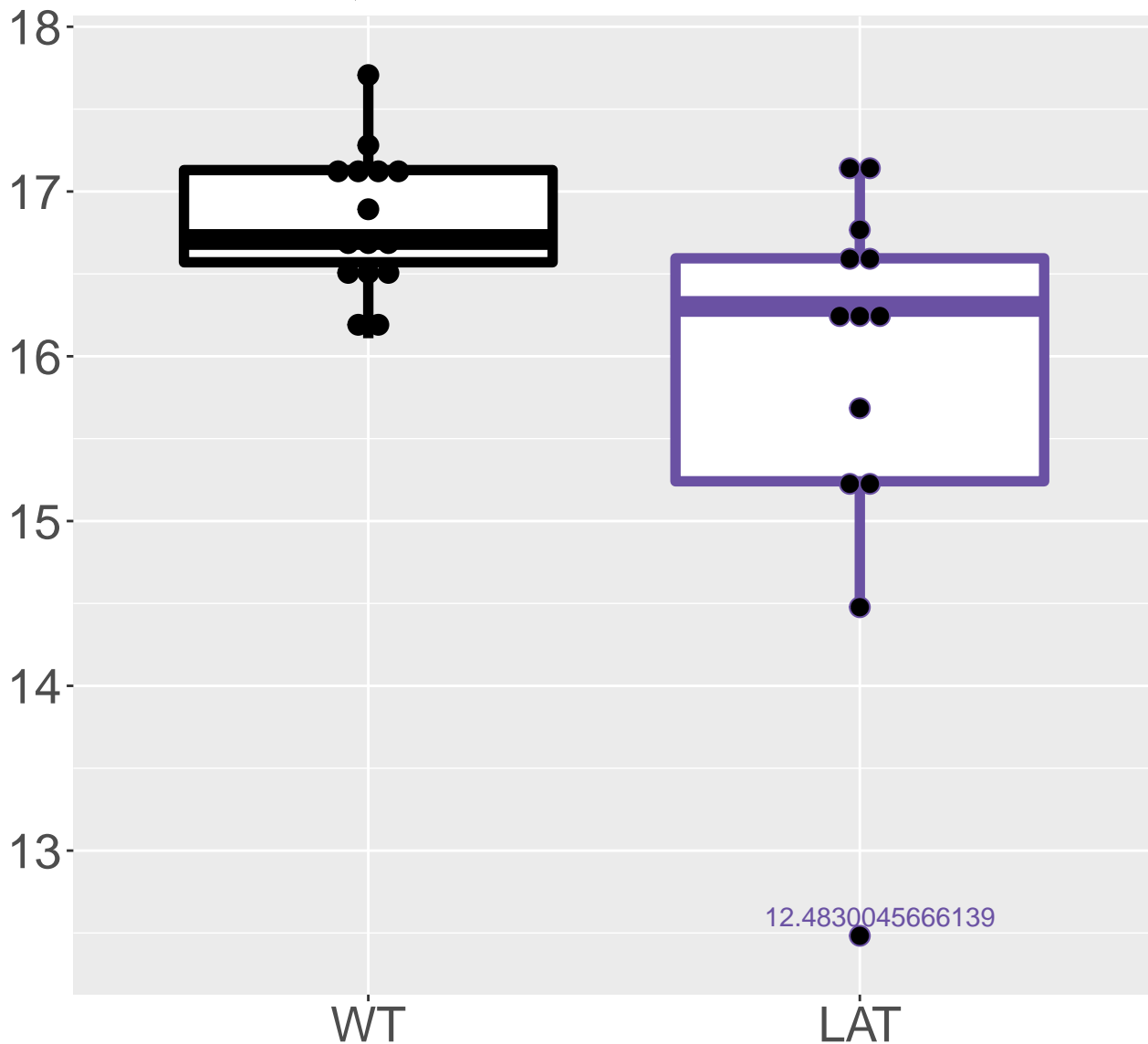


M257.0783T280.82
FDR = 0.036, FC = -0.5

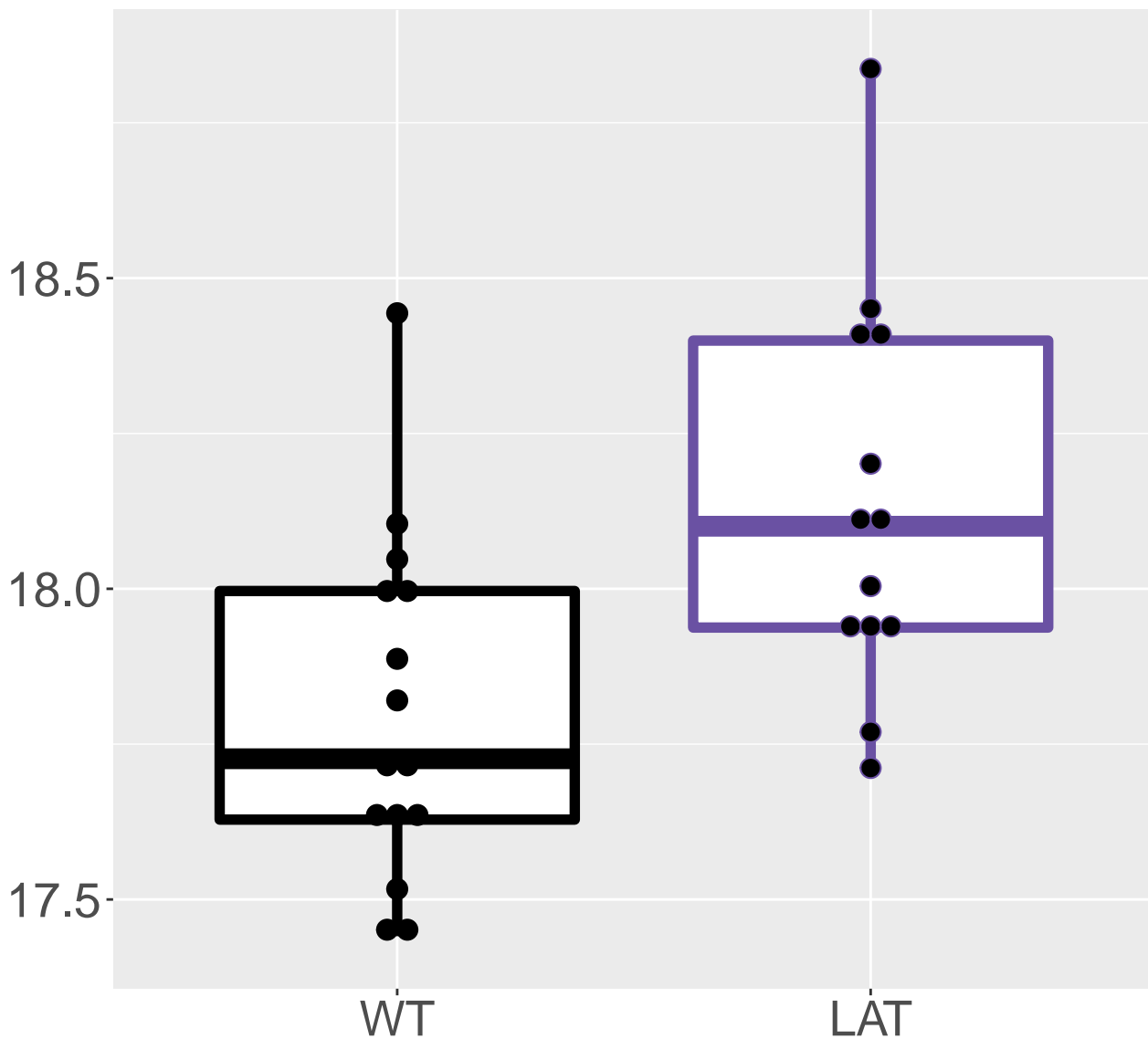


9-Methyluric acid|1-Methyluric acid

FDR = 0.037, FC = -0.97

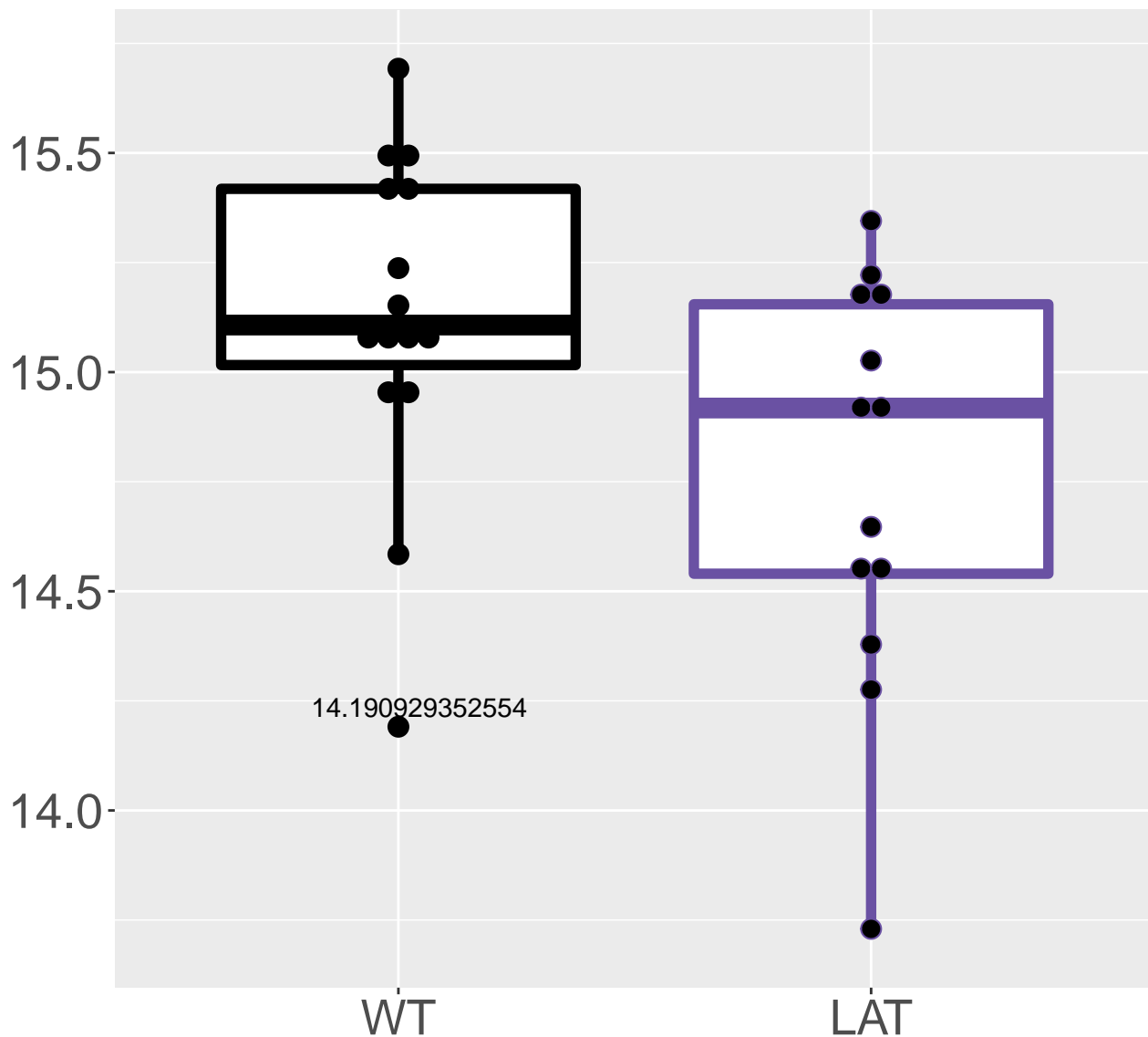


Allantoic acid
FDR = 0.037, FC = 0.34

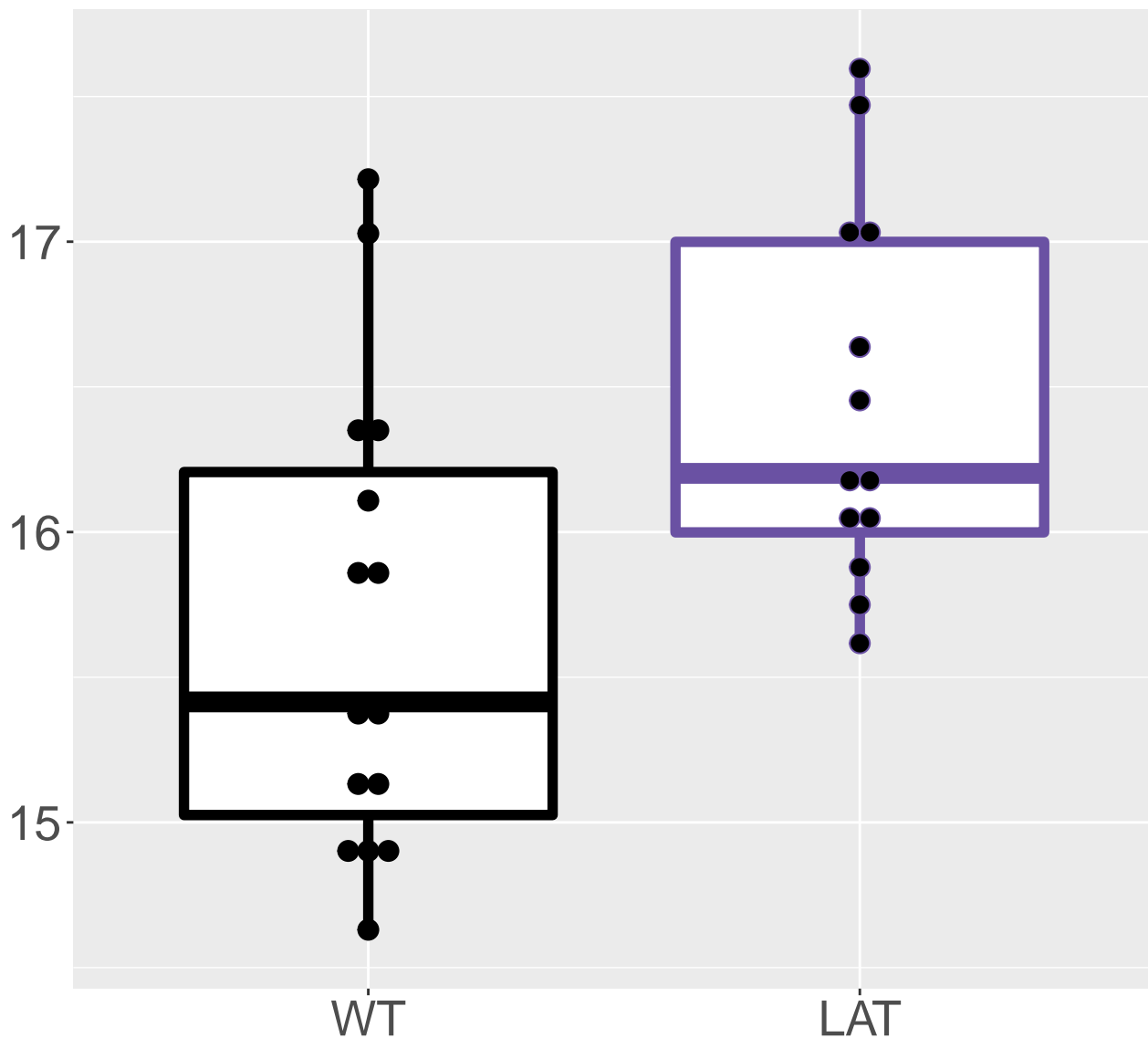


M801.7365T618.35

FDR = 0.037, FC = -0.36, sex*

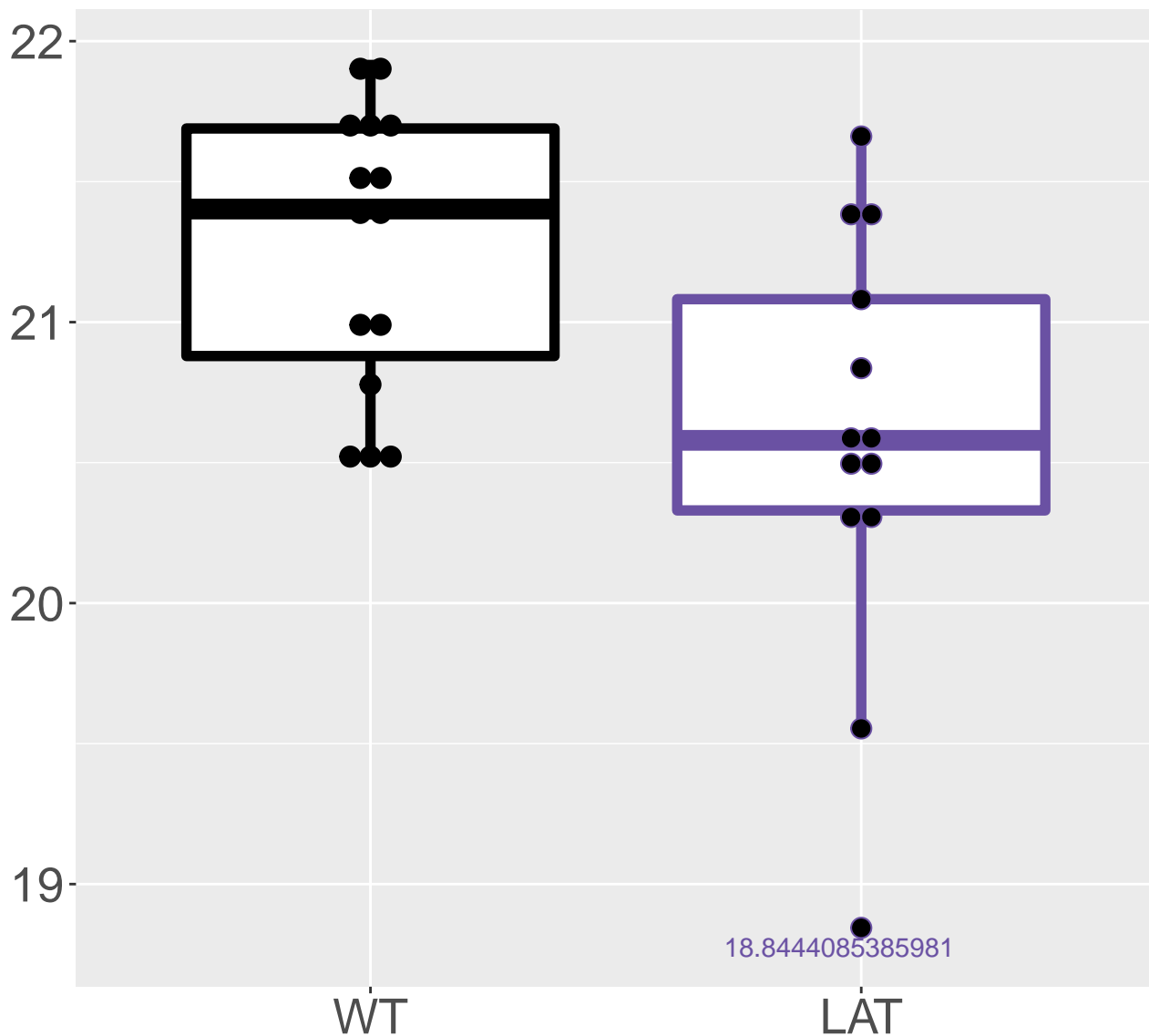


M223.0746T392.41
FDR = 0.037, FC = 0.78

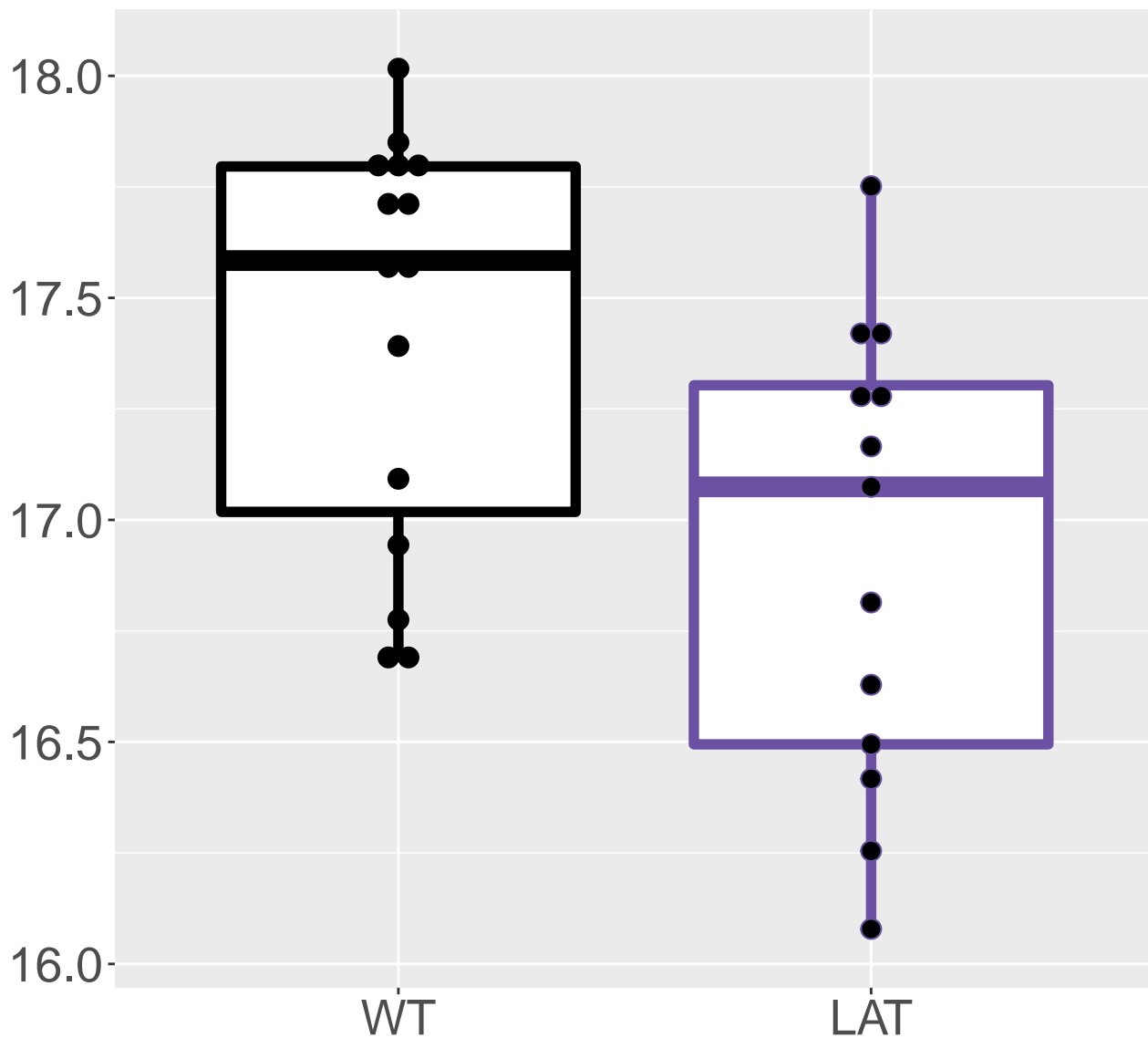


M536.2095T244.66

FDR = 0.037, FC = -0.69

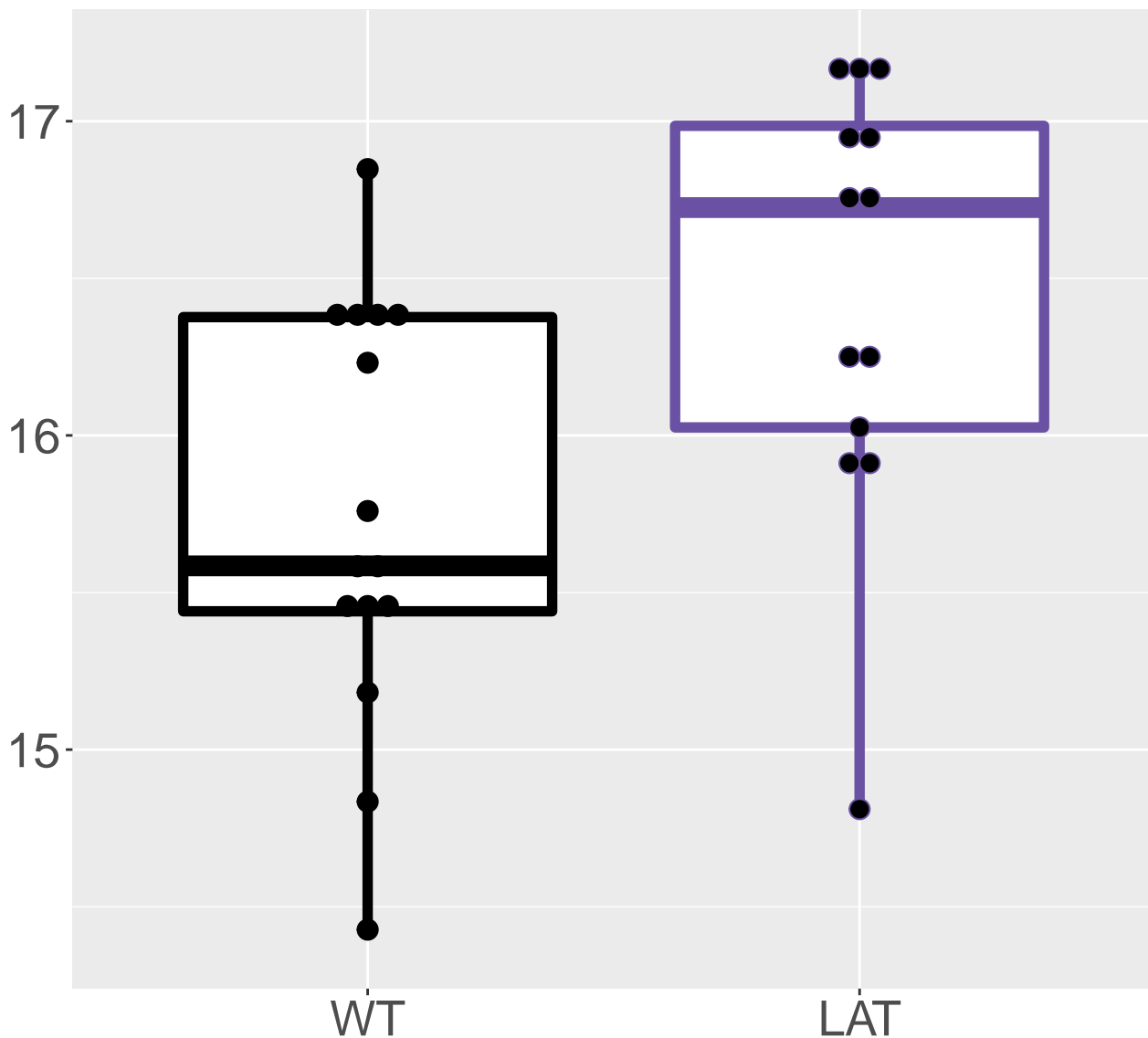


M141.0221T573.16
FDR = 0.037, FC = -0.5

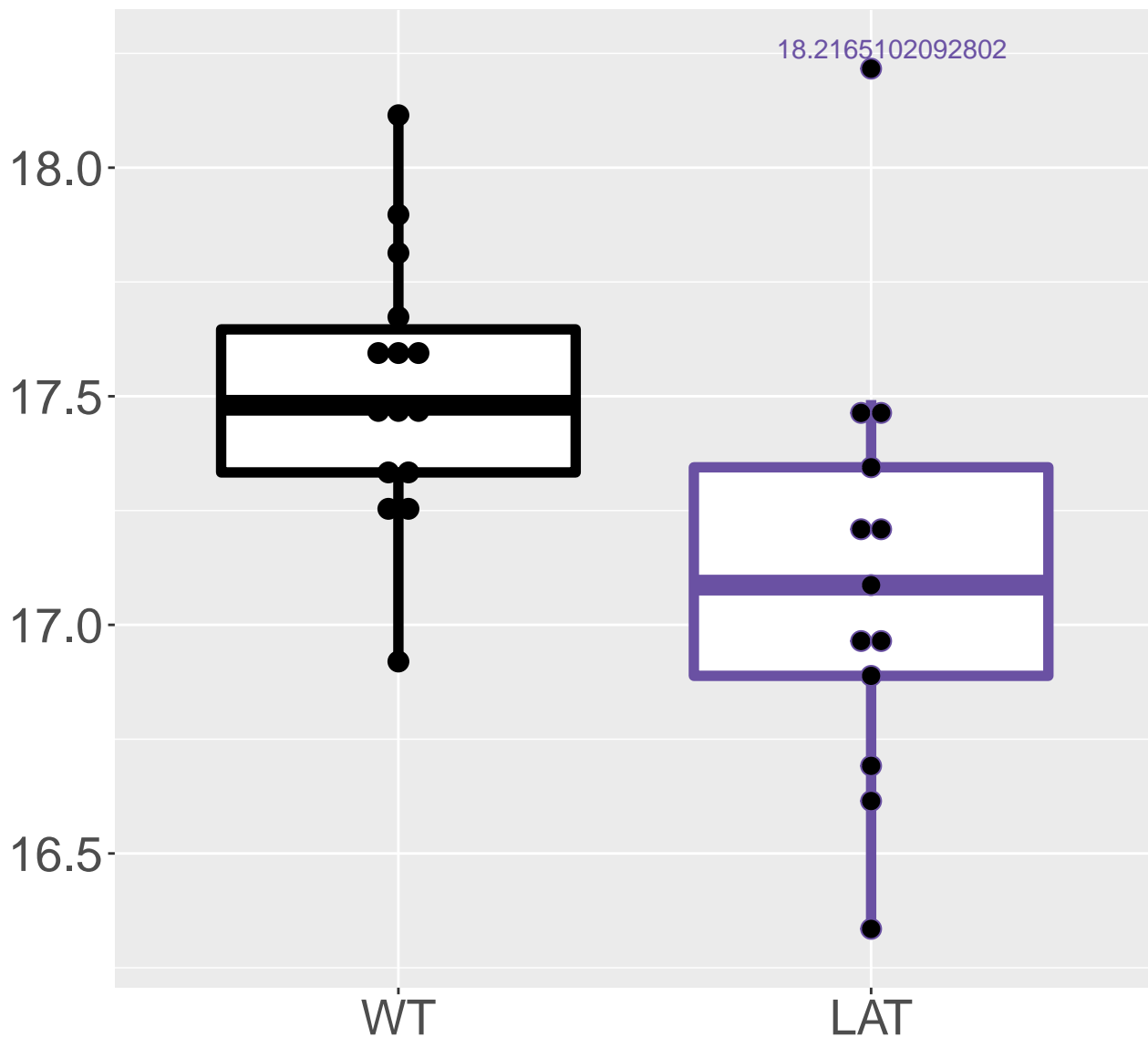


M672.2026T314.78

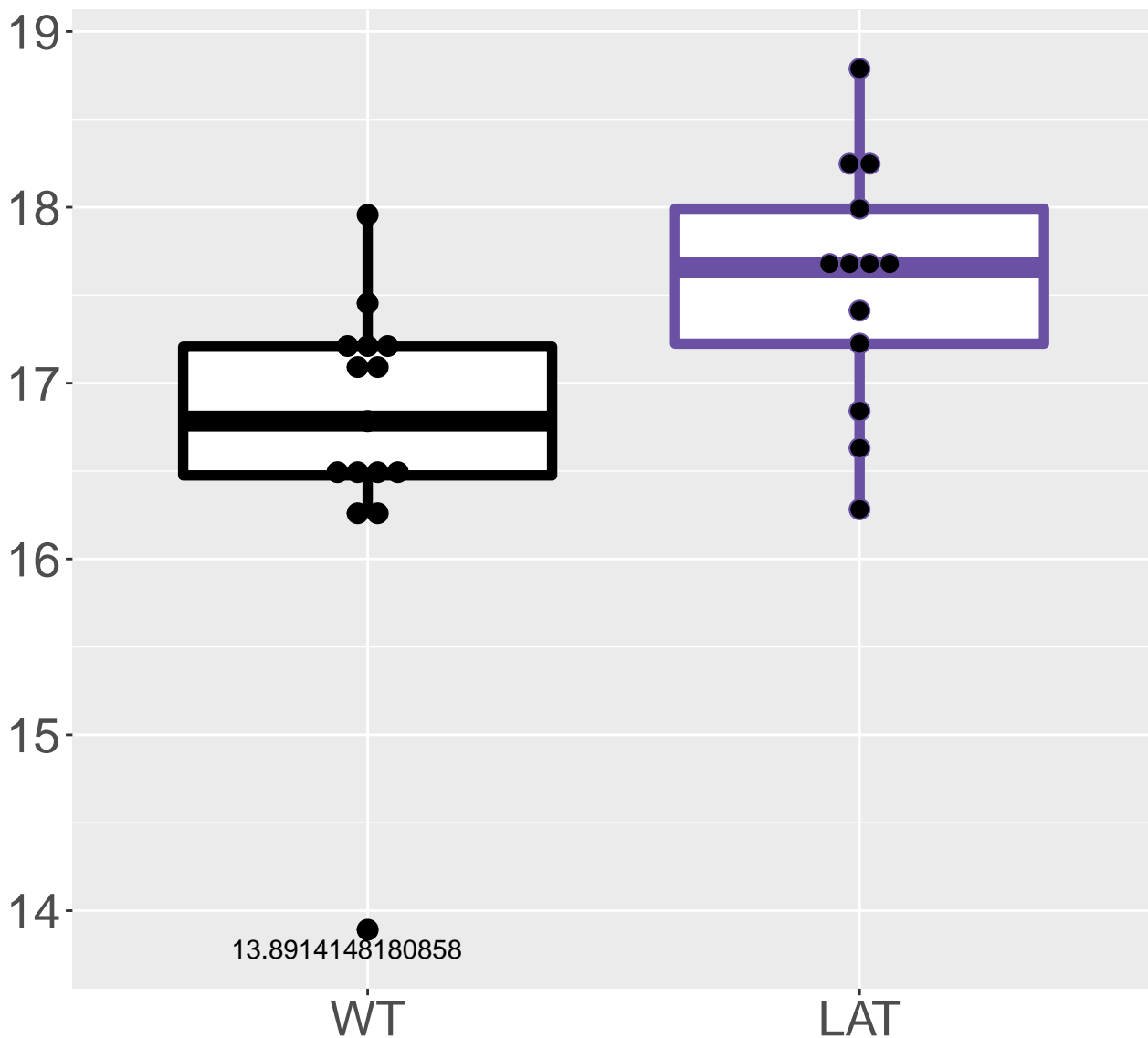
FDR = 0.038, FC = 0.71



M344.0673T338.35
FDR = 0.038, FC = -0.41

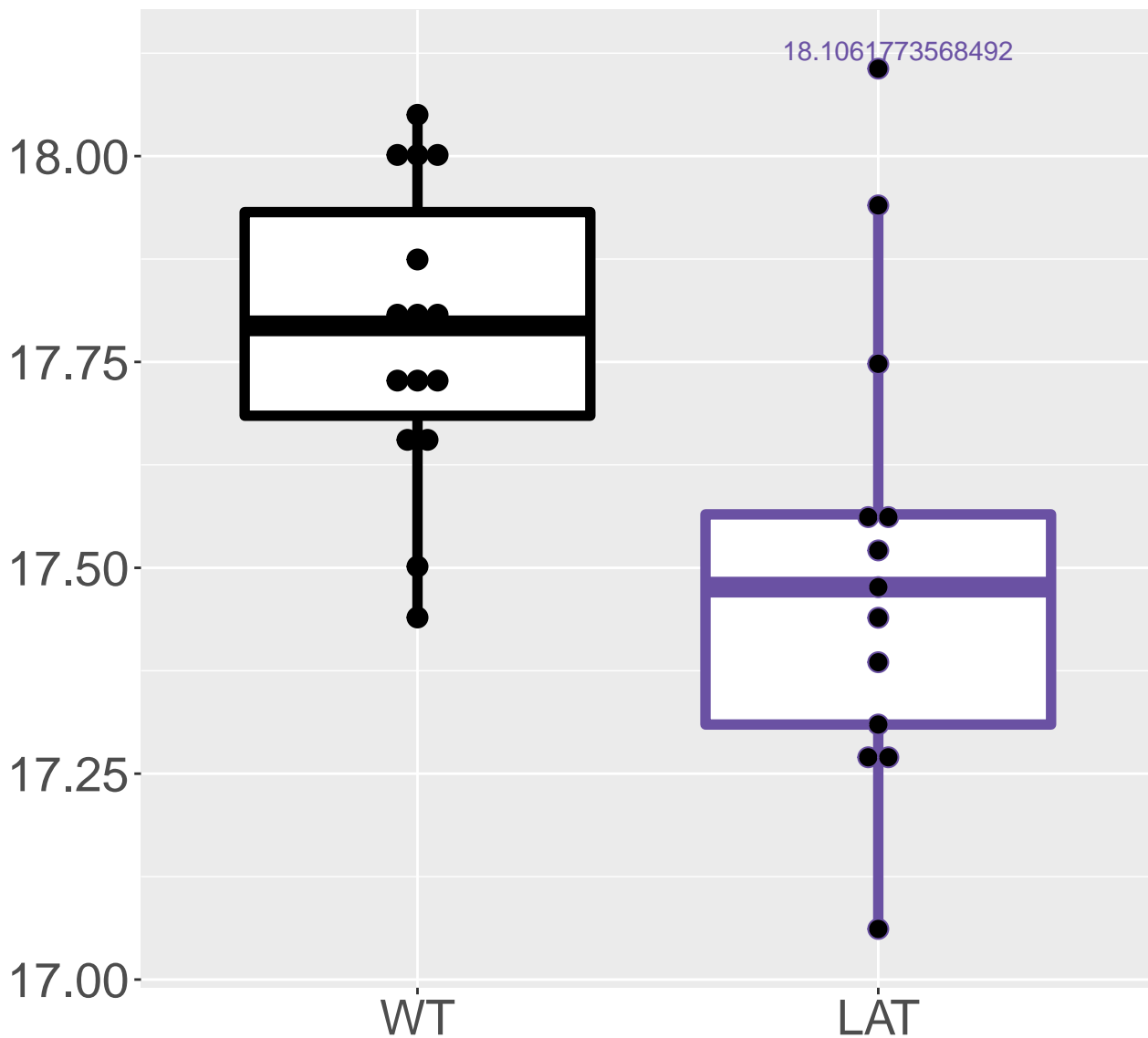


M535.1481T364.95
FDR = 0.038, FC = 0.87



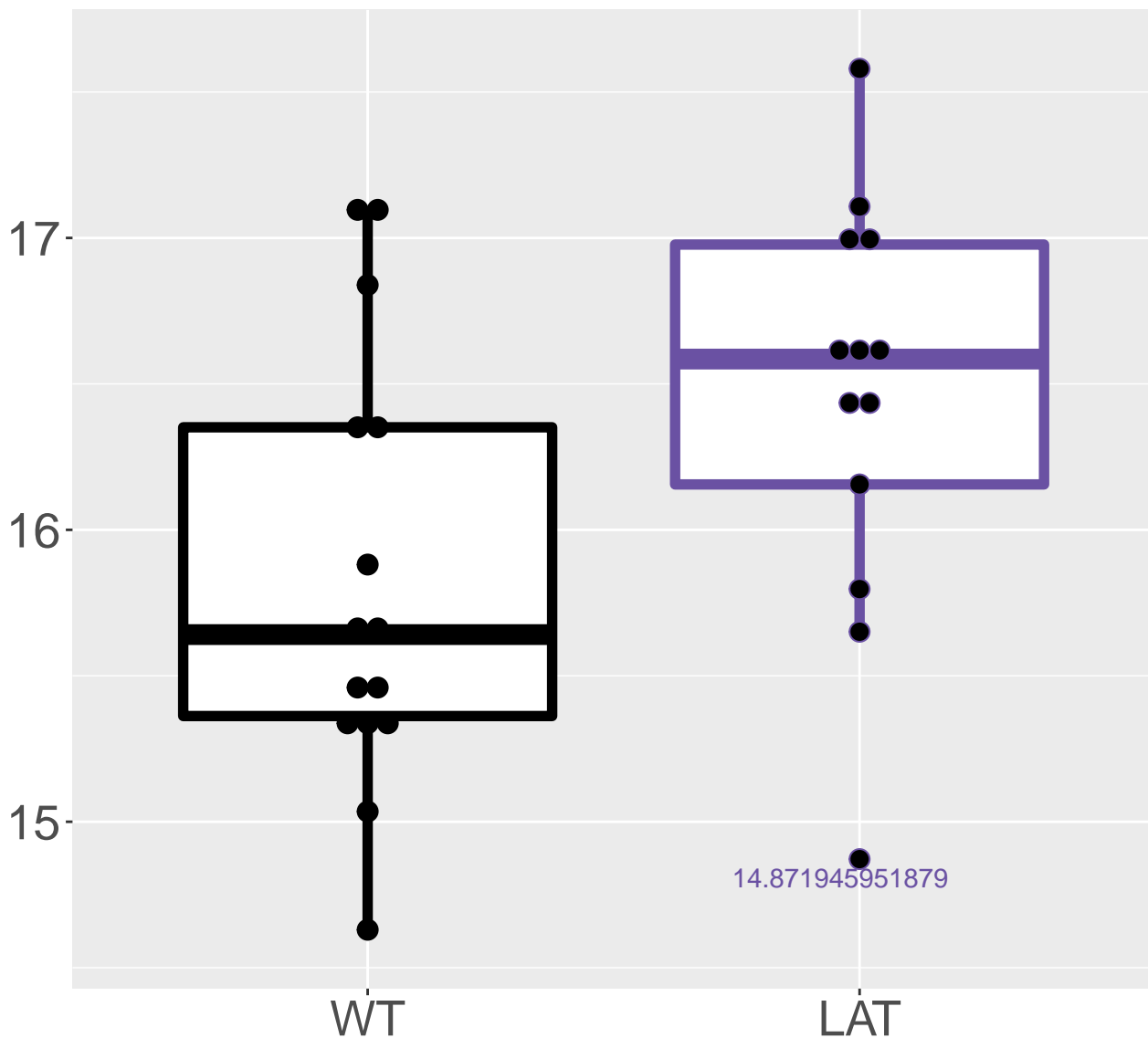
M232.673T78.29

FDR = 0.038, FC = -0.27



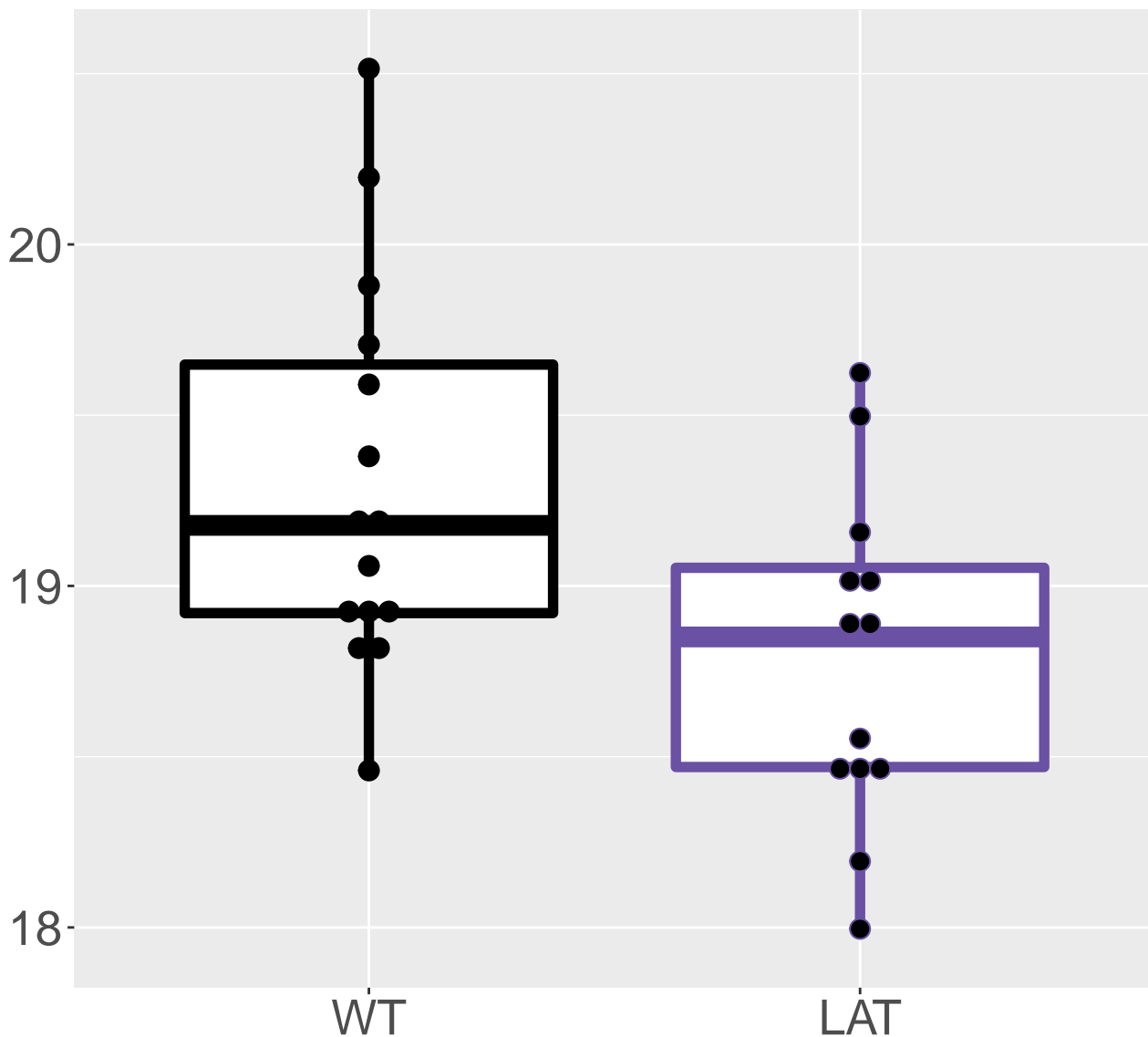
M434.1183T364.85

FDR = 0.038, FC = 0.62, sex***



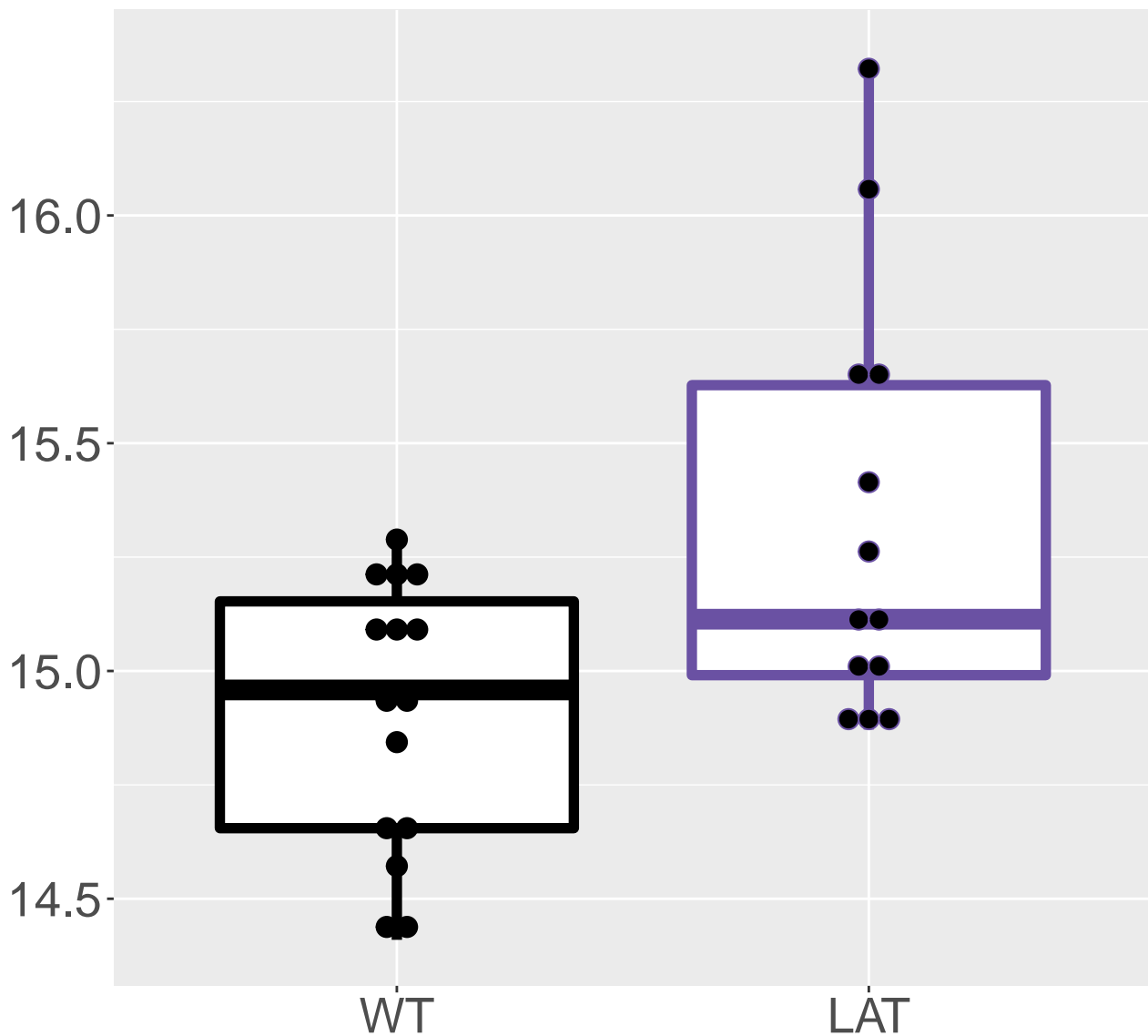
M265.0833T496.1

FDR = 0.038, FC = -0.52

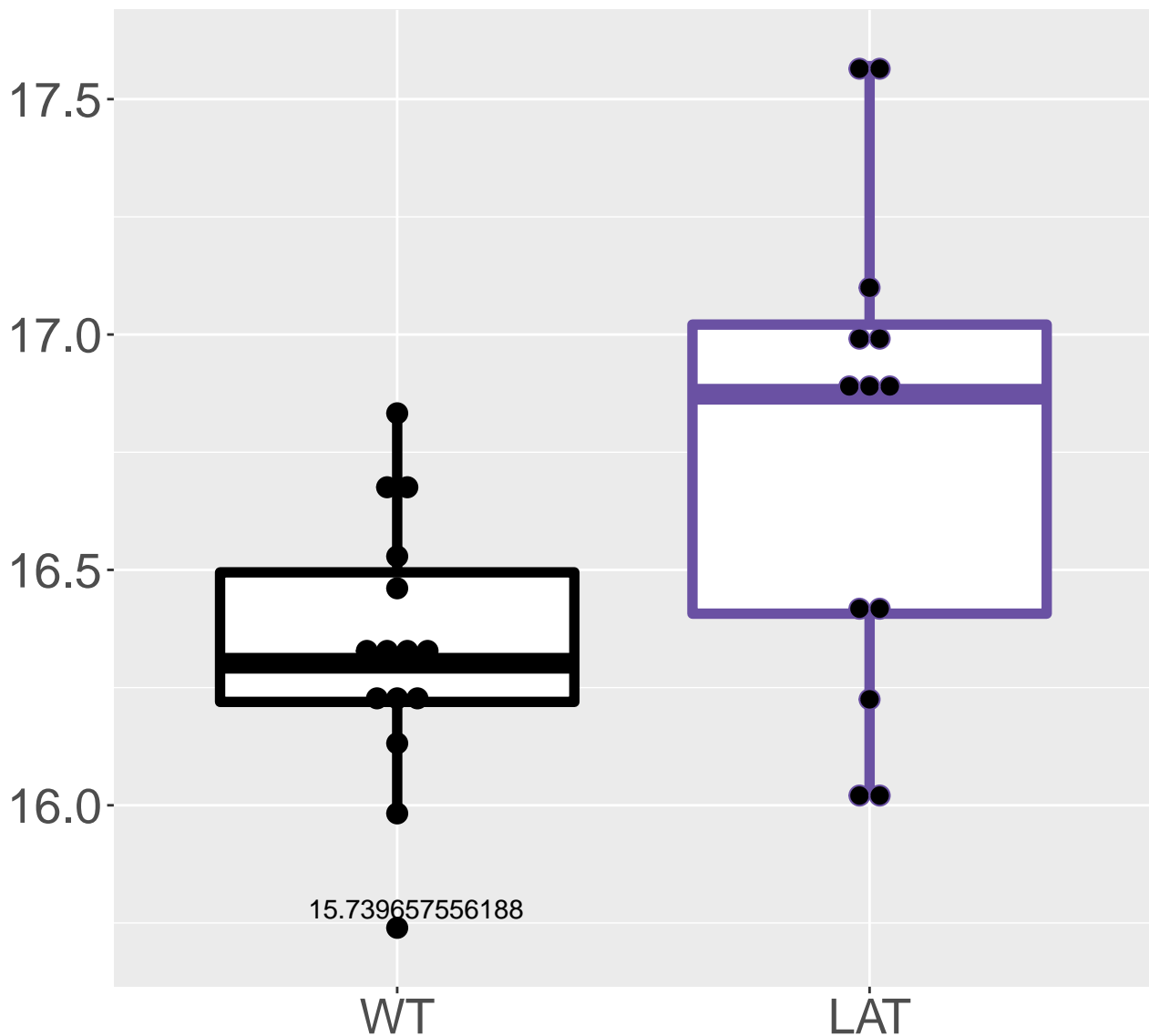


M164.0355T99.16

FDR = 0.038, FC = 0.42

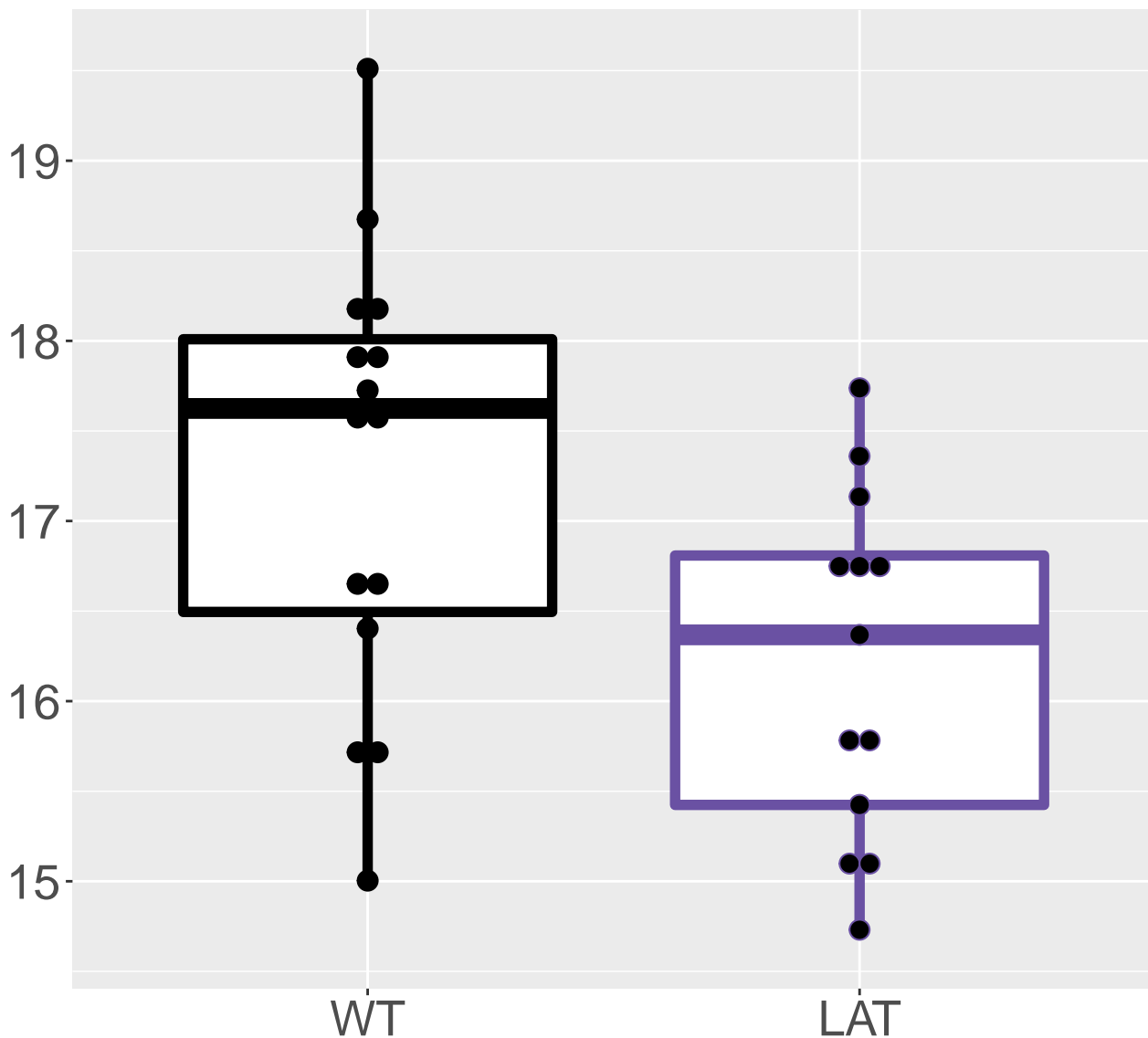


M252.491T558.77
FDR = 0.038, FC = 0.43



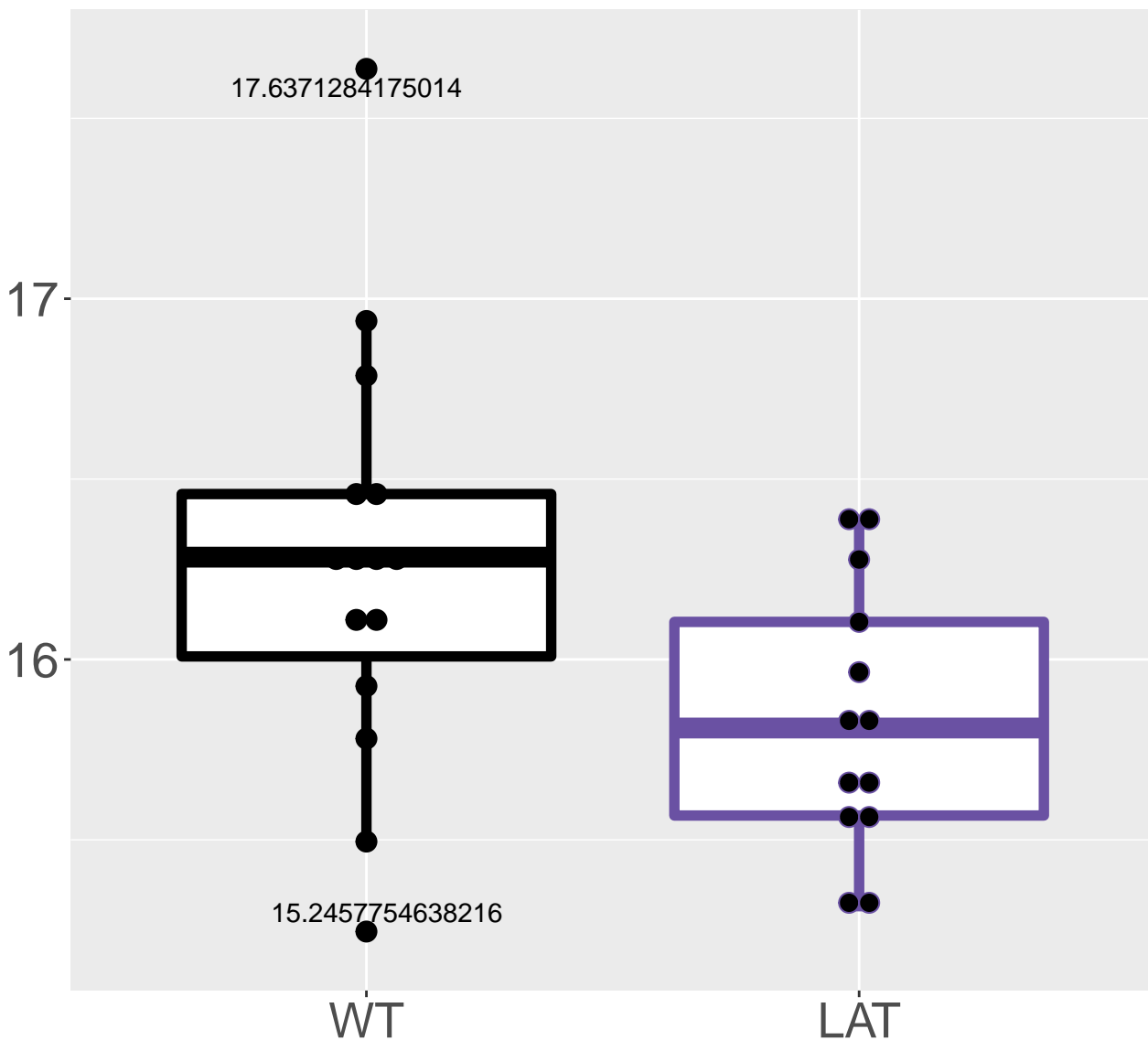
M341.1207T450.94

FDR = 0.038, FC = -1.1



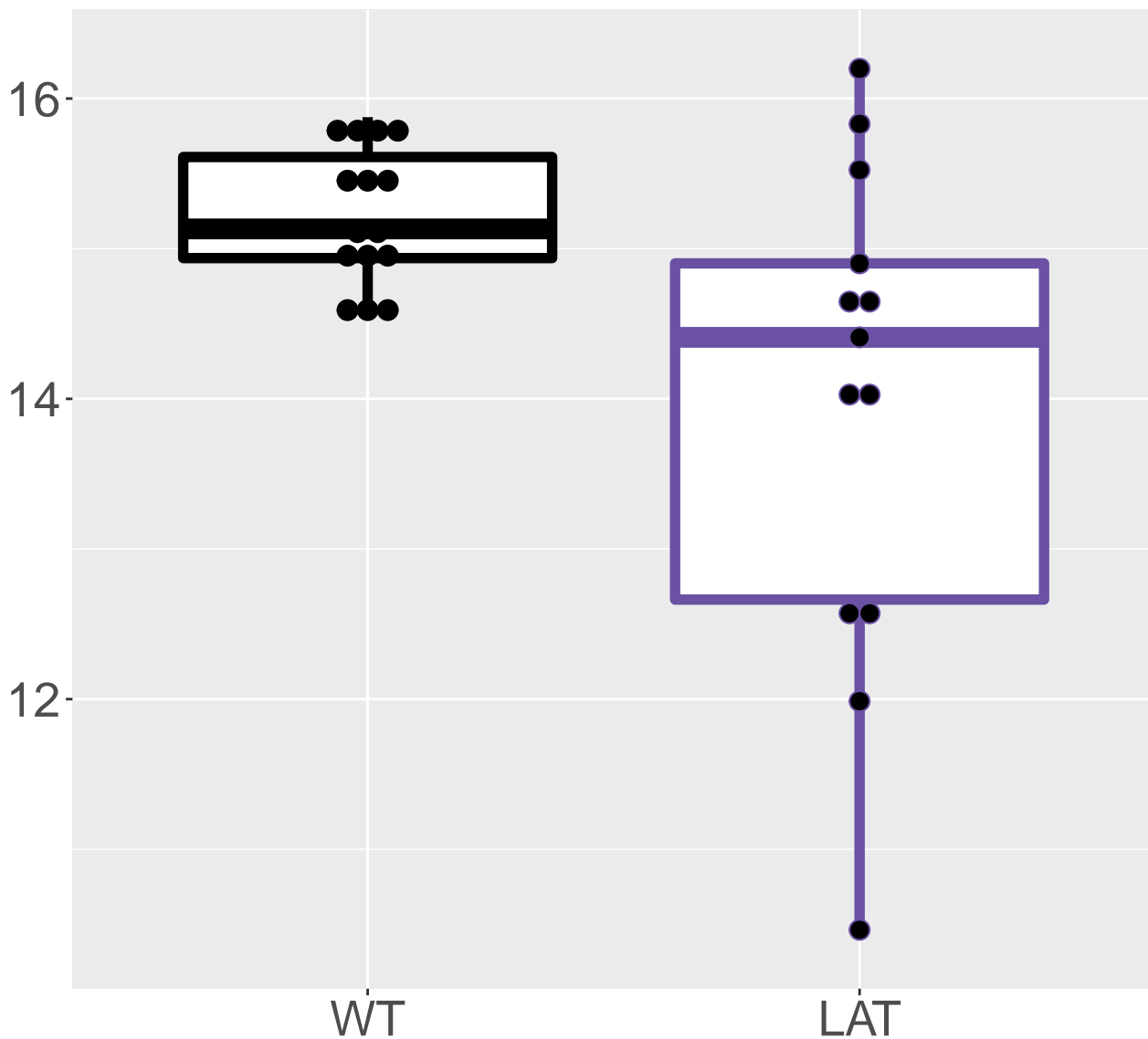
M342.1058T336.75

FDR = 0.038, FC = -0.44

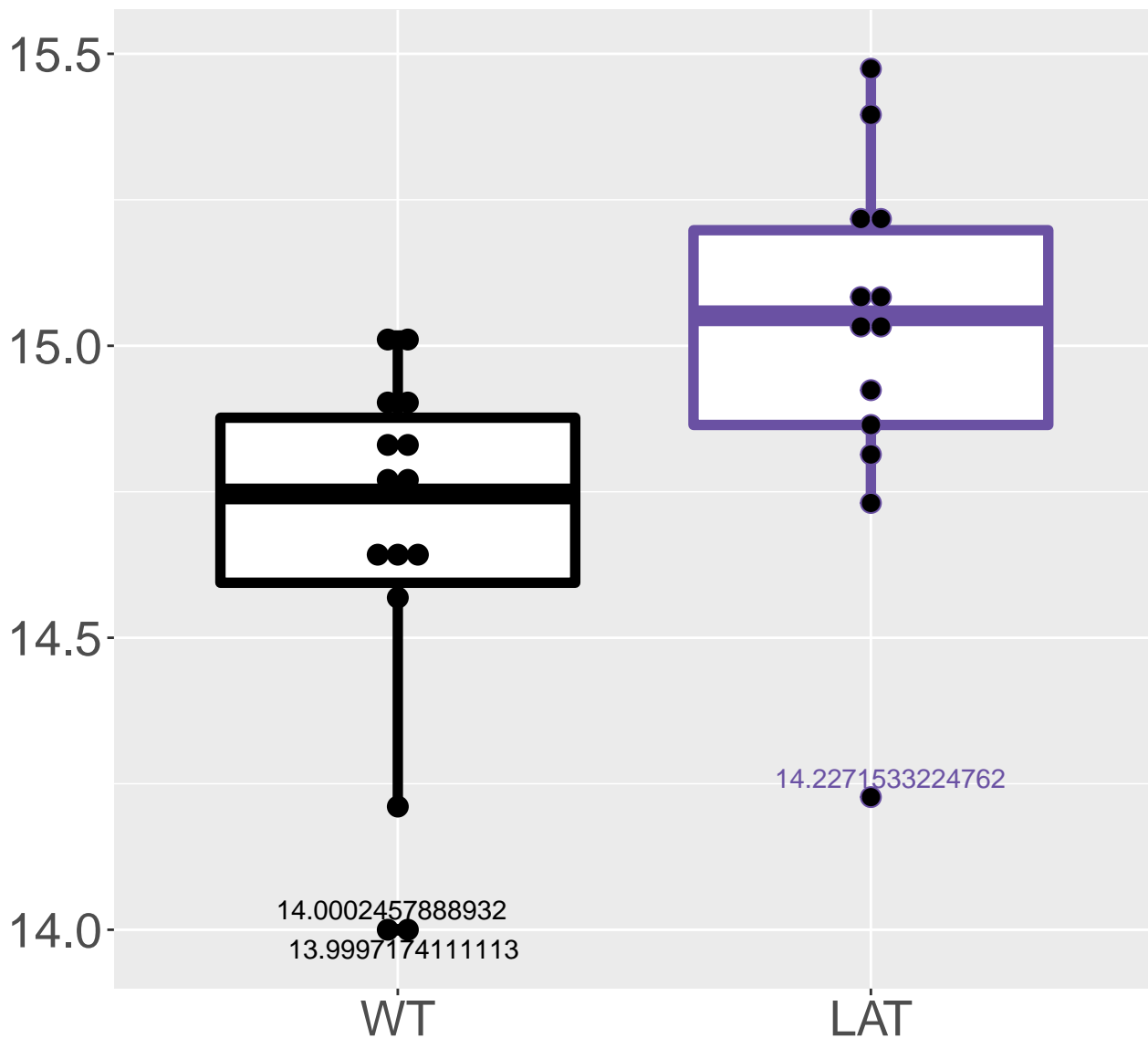


M388.1491T270.75

FDR = 0.039, FC = -1.2

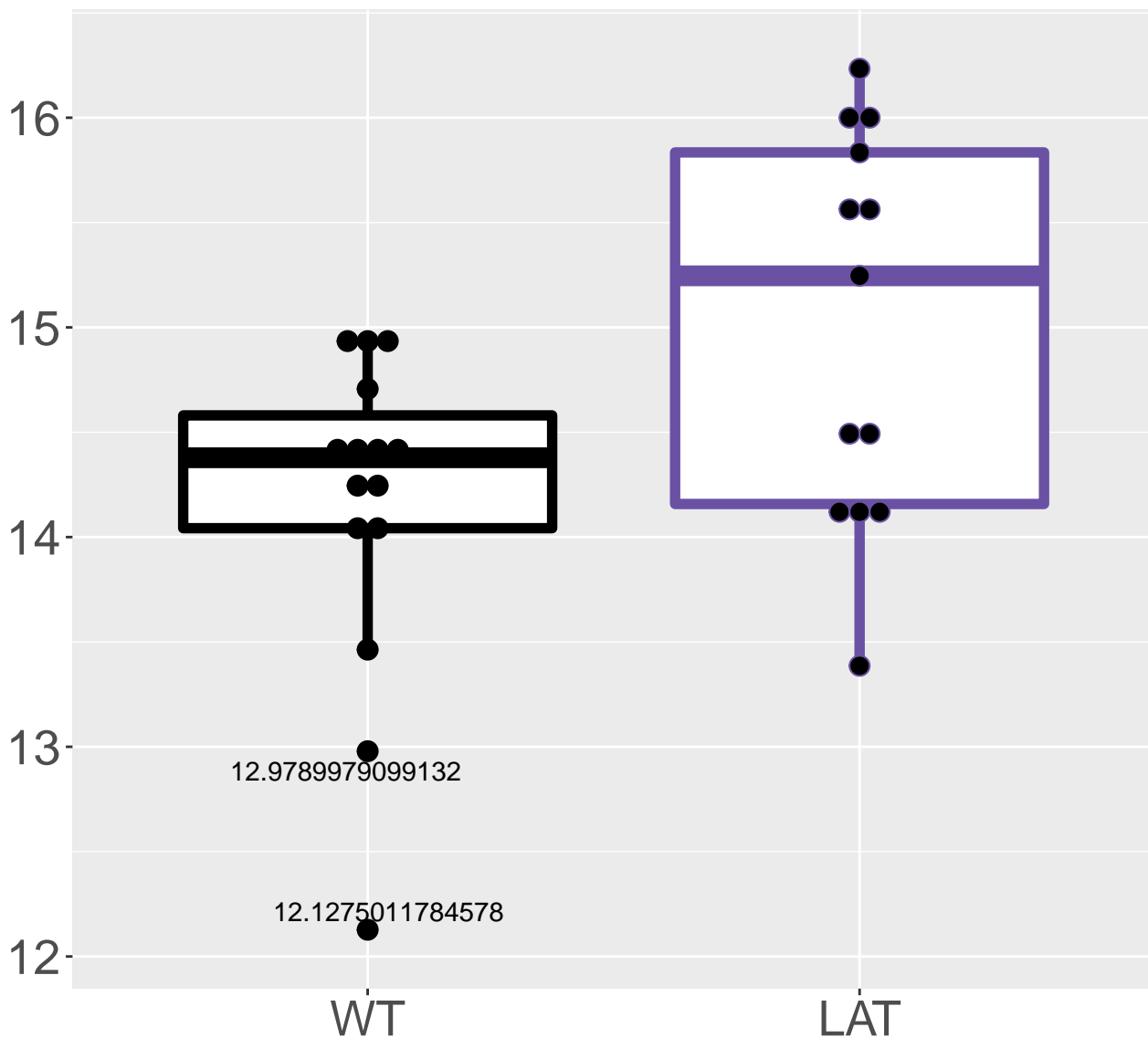


M910.1675T404.39
FDR = 0.039, FC = 0.36

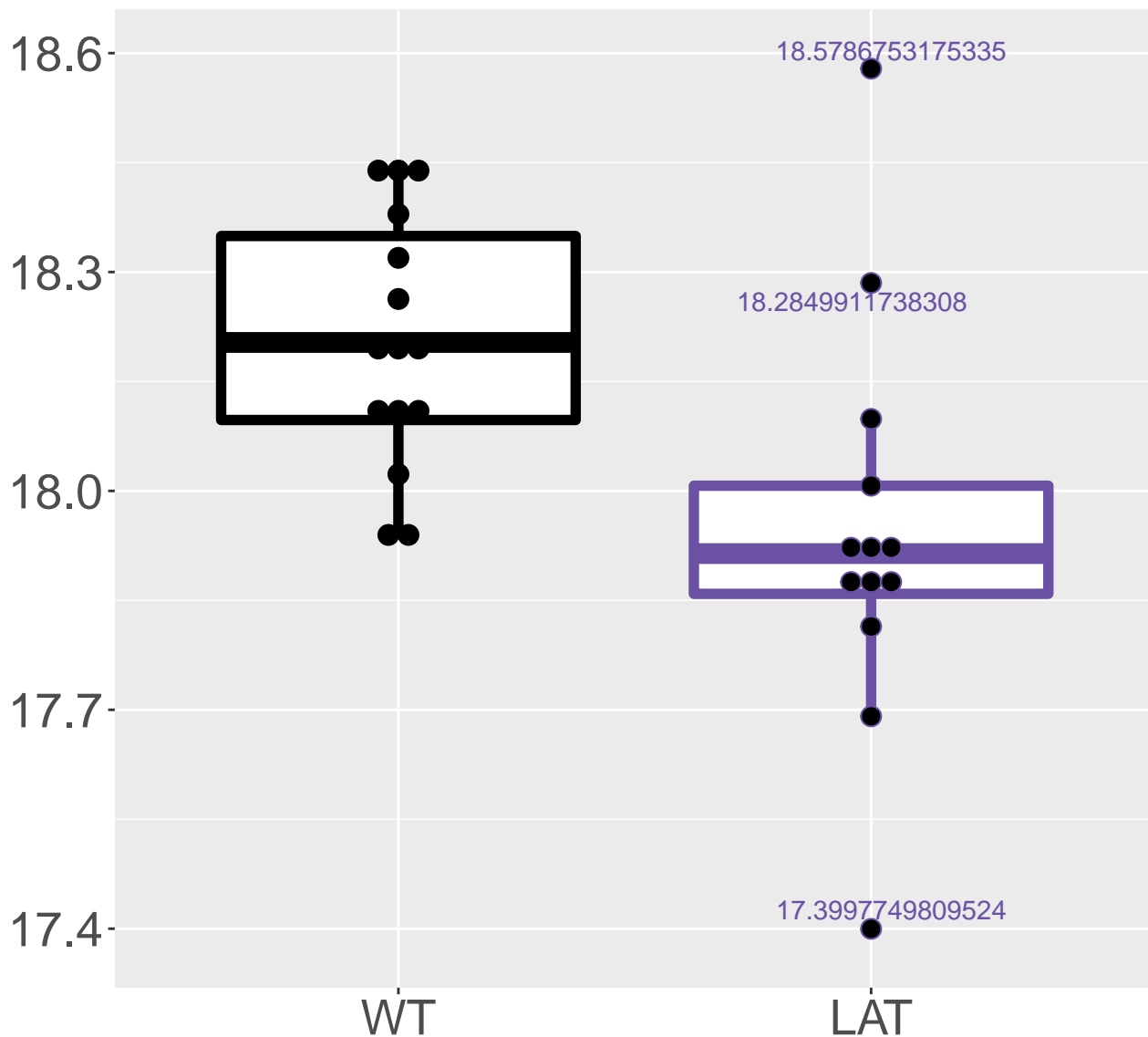


M395.0883T609.33

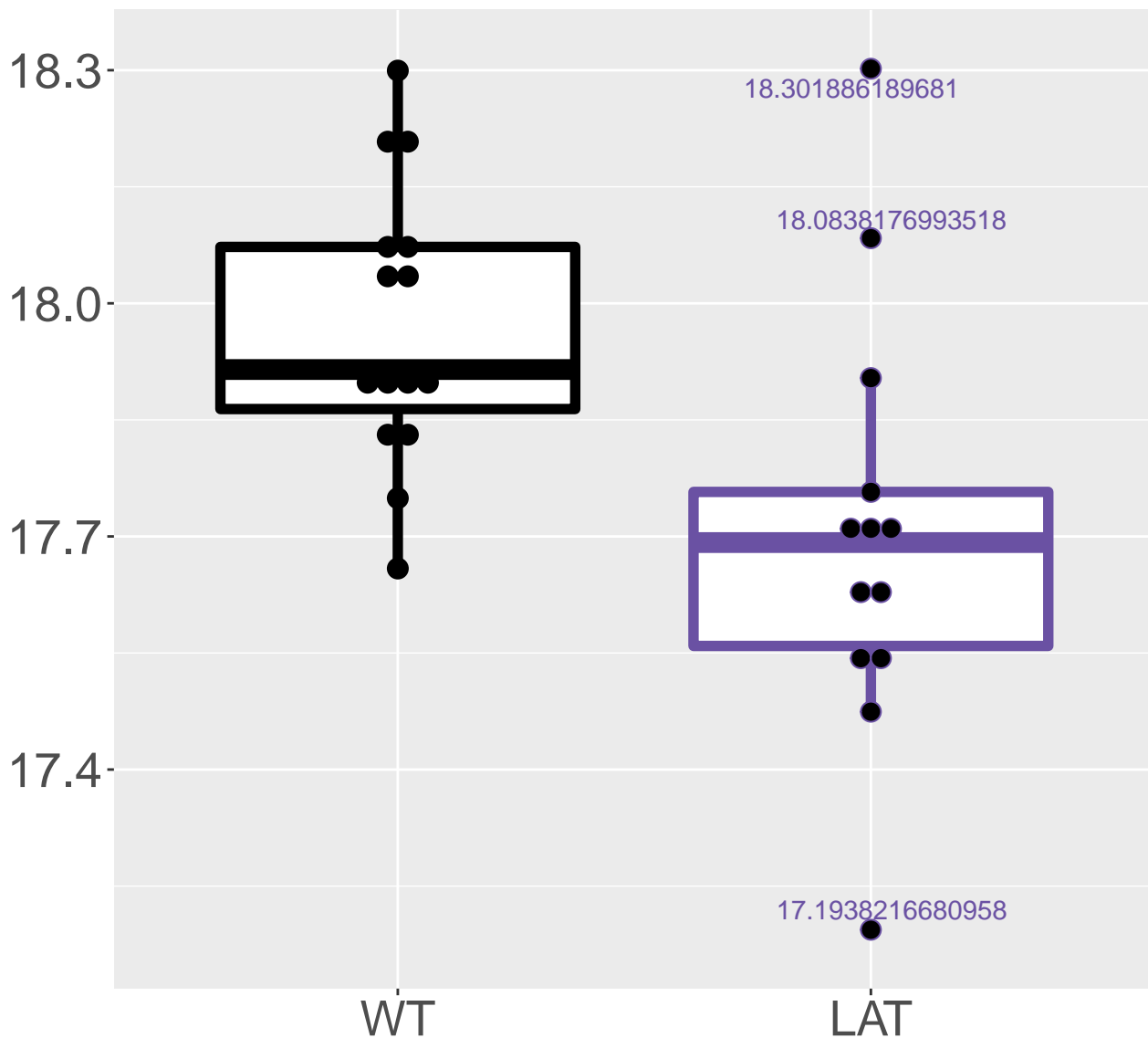
FDR = 0.039, FC = 0.86



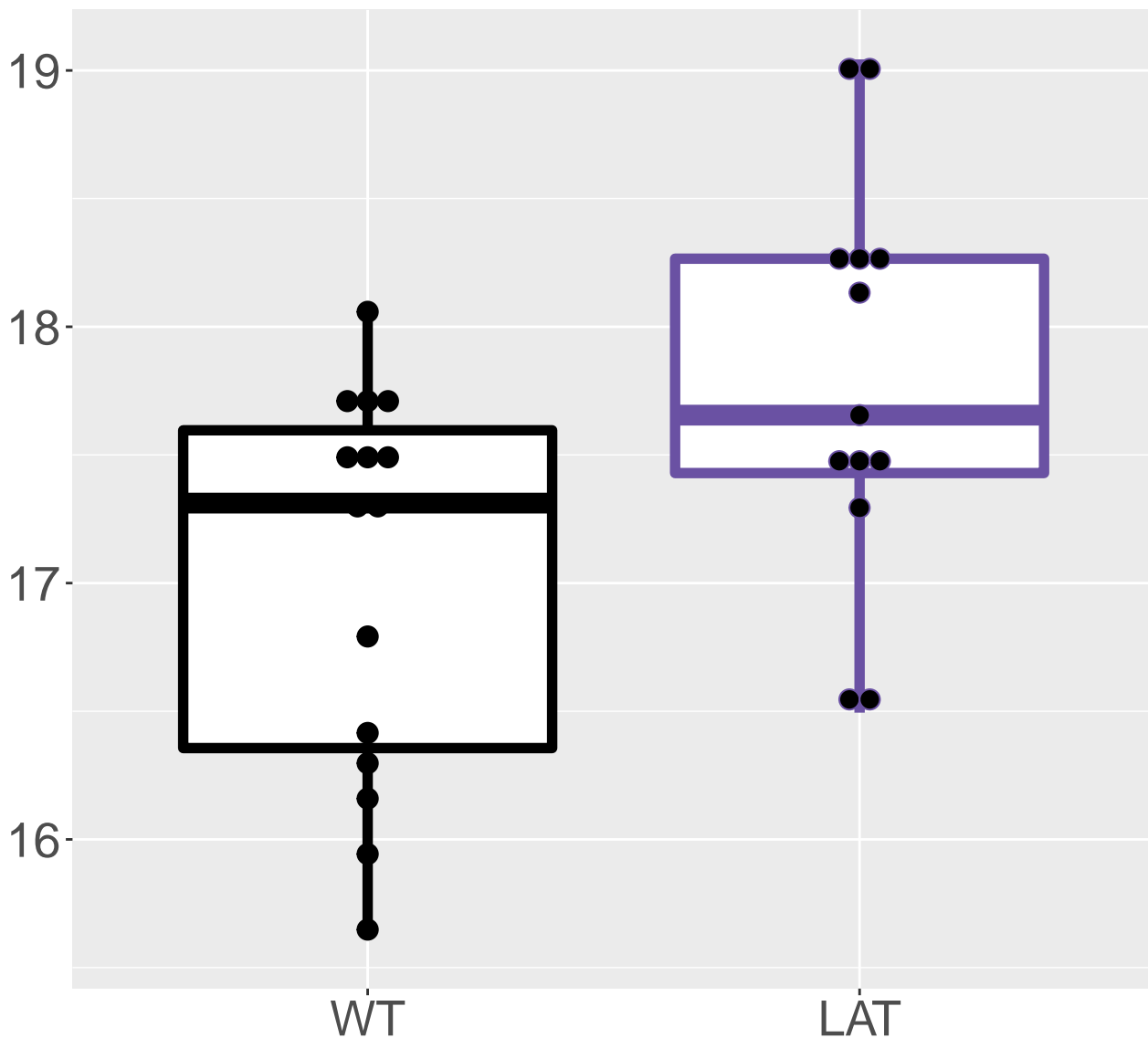
M320.6391T78.26_1
FDR = 0.04, FC = -0.26



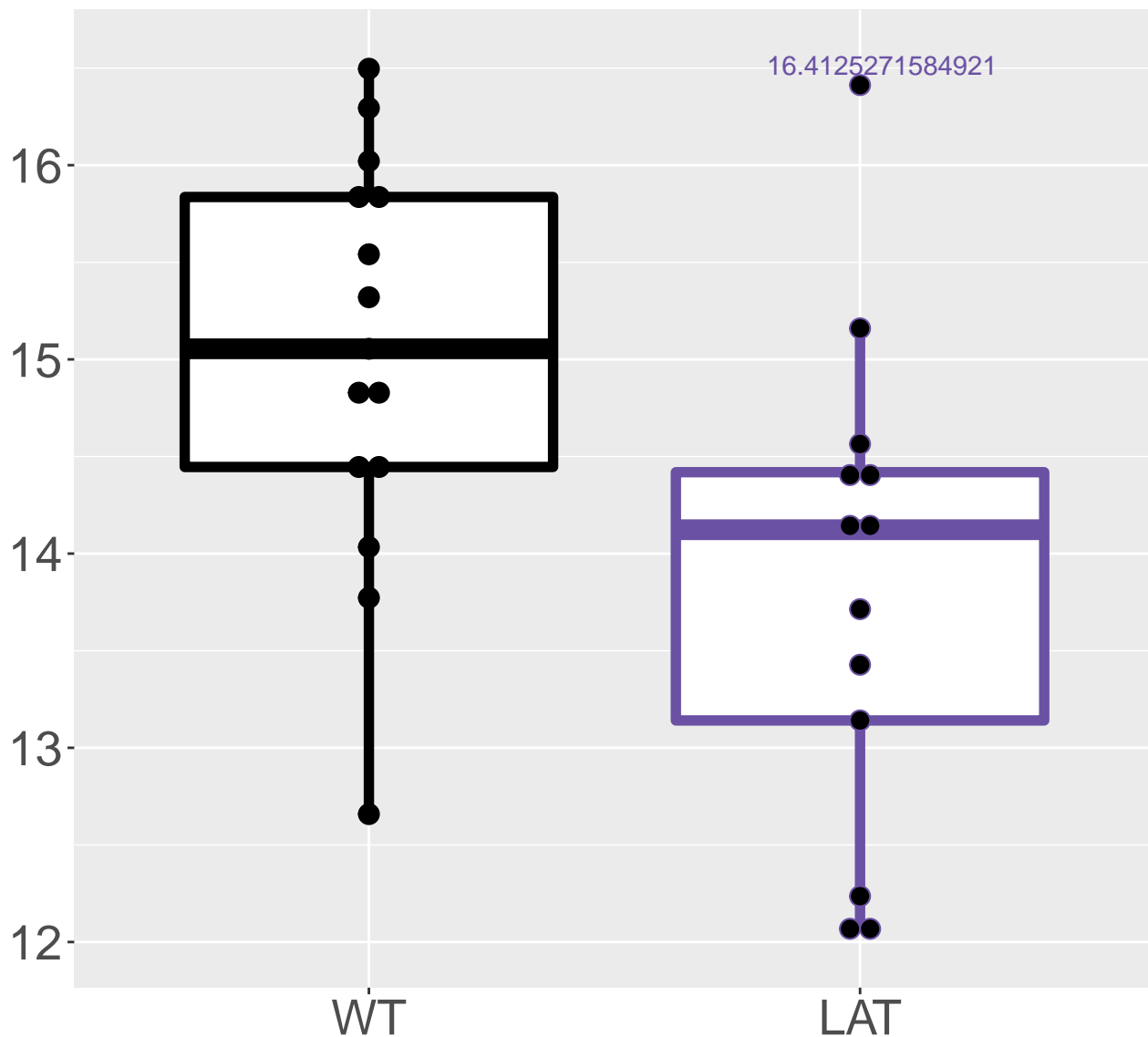
M205.9252T78.31
FDR = 0.04, FC = -0.27



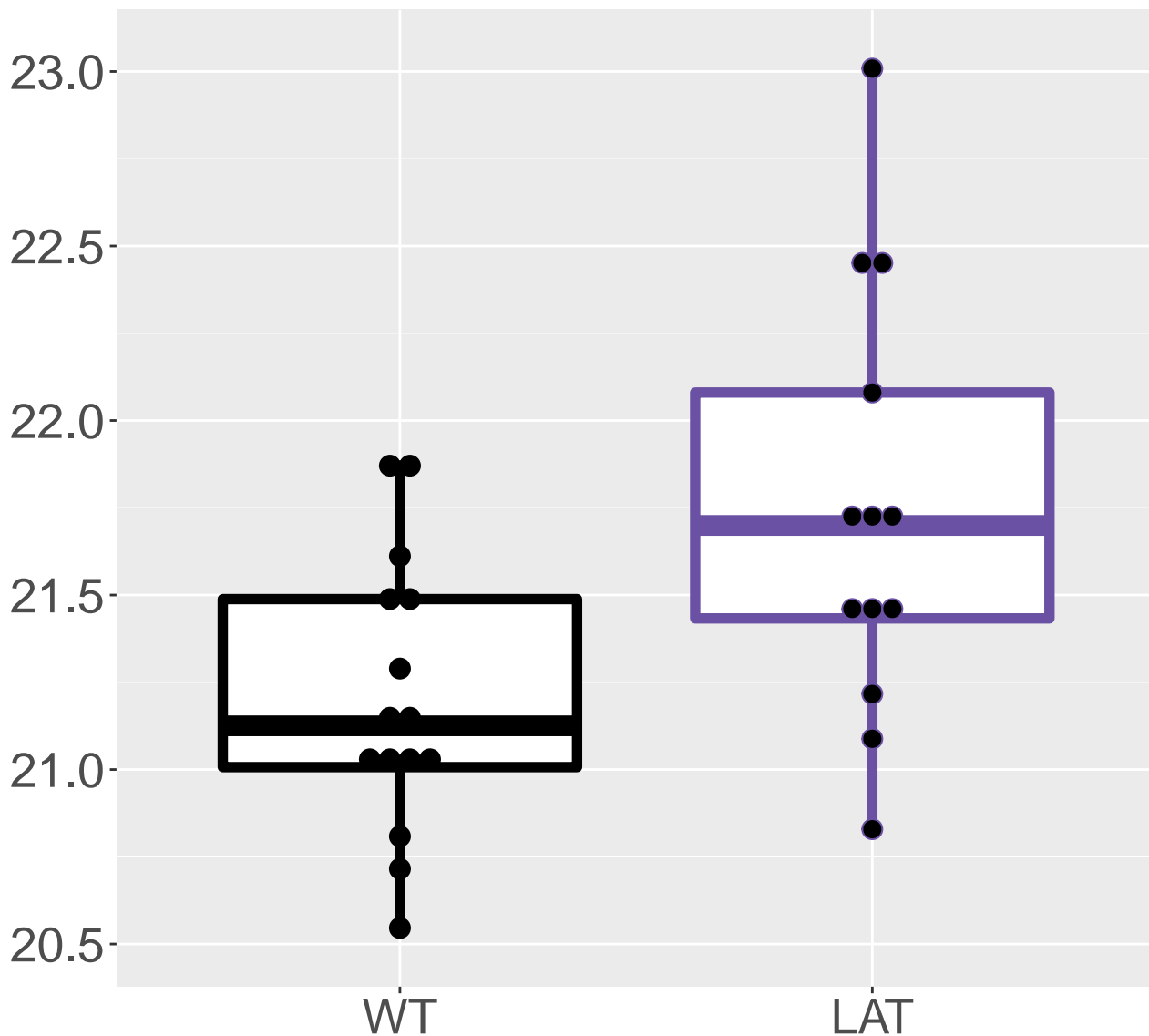
M349.0546T578.88
FDR = 0.04, FC = 0.77



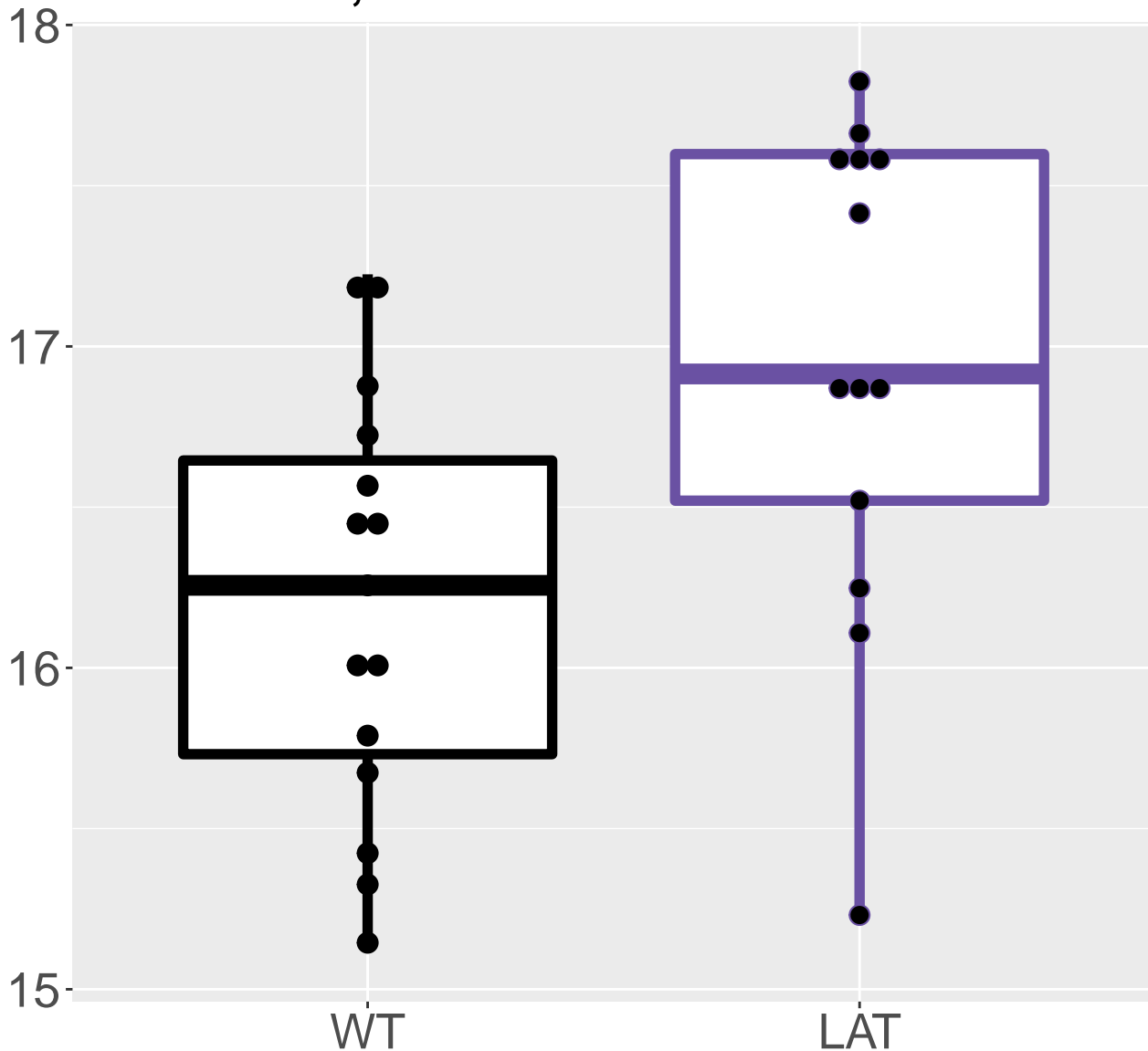
M363.1144T607.24_2
FDR = 0.041, FC = -1.2



M112.9857T98.37_1
FDR = 0.041, FC = 0.54

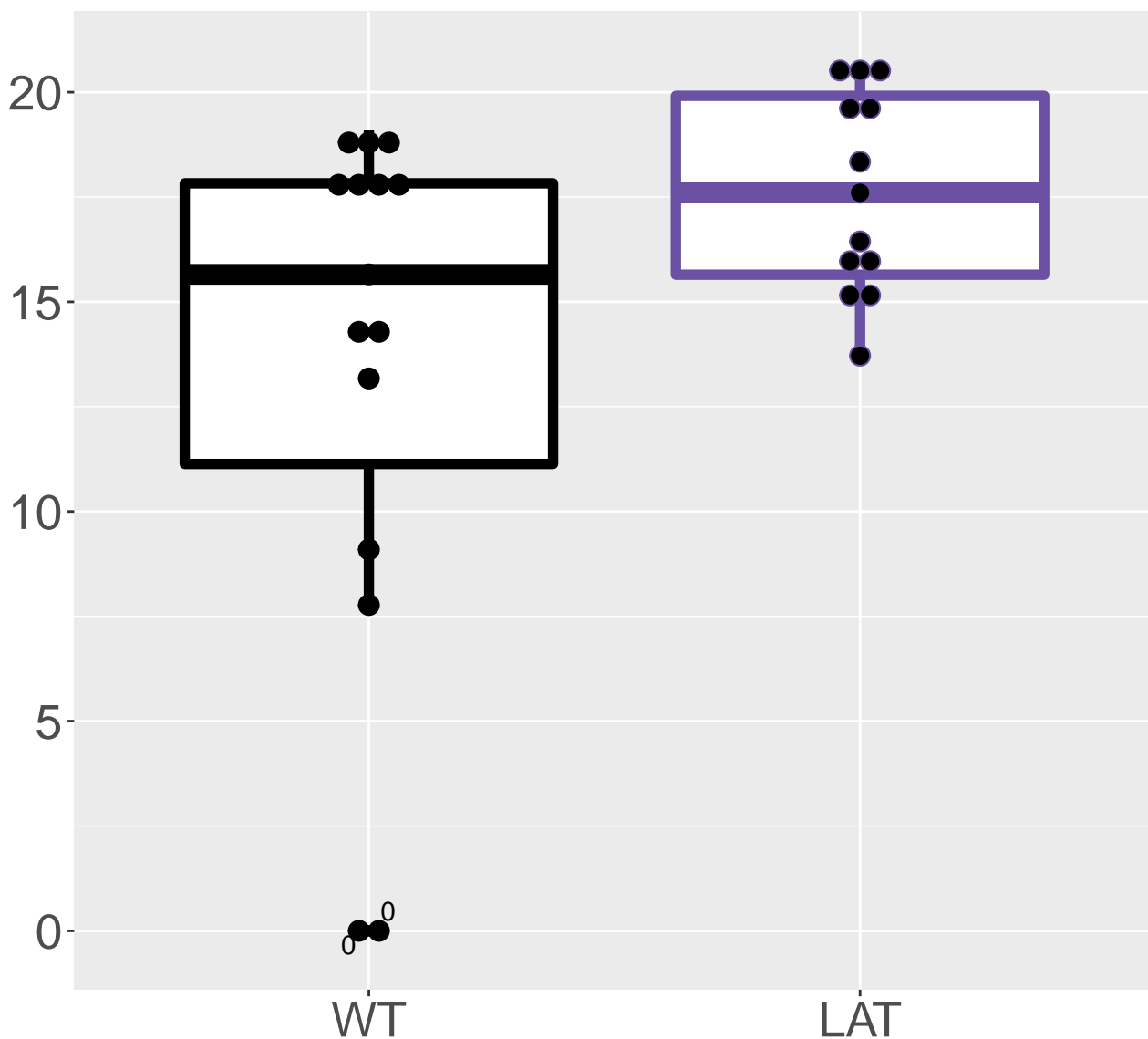


M918.7213T596.1_1
FDR = 0.041, FC = 0.75

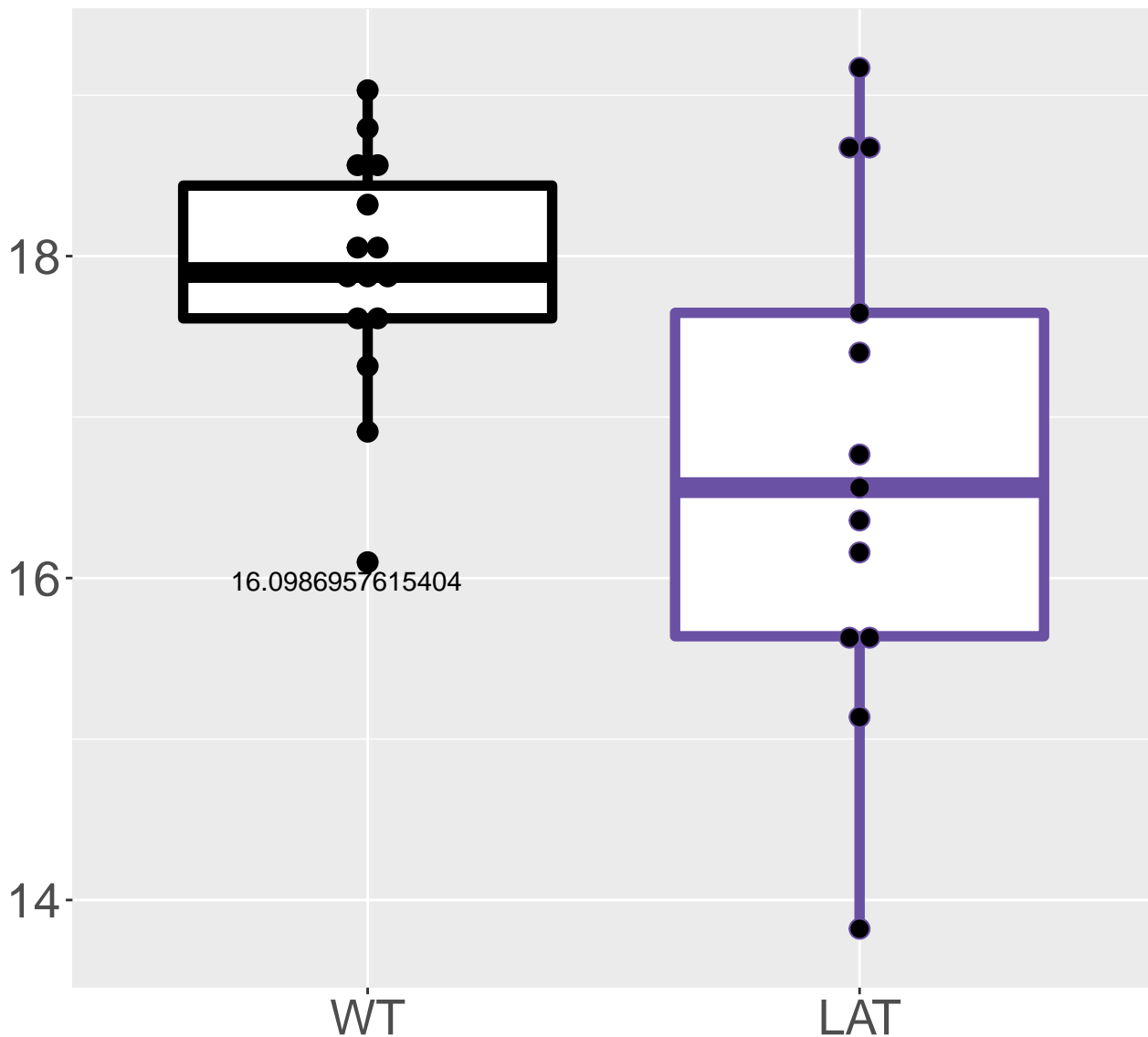


M222.0267T98.15

FDR = 0.041, FC = 4.2, sex**

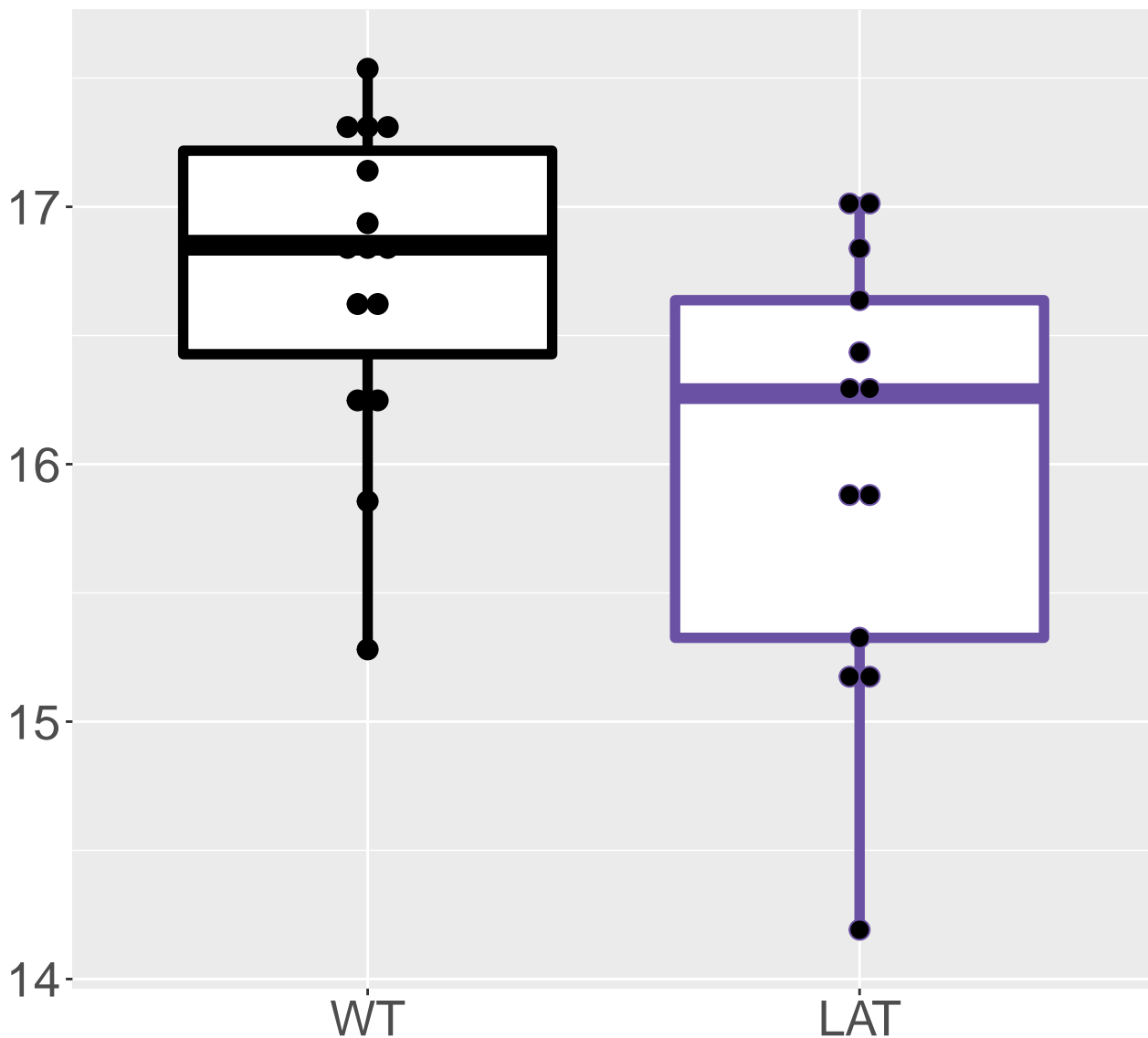


M183.0874T231.91
FDR = 0.041, FC = -1.2



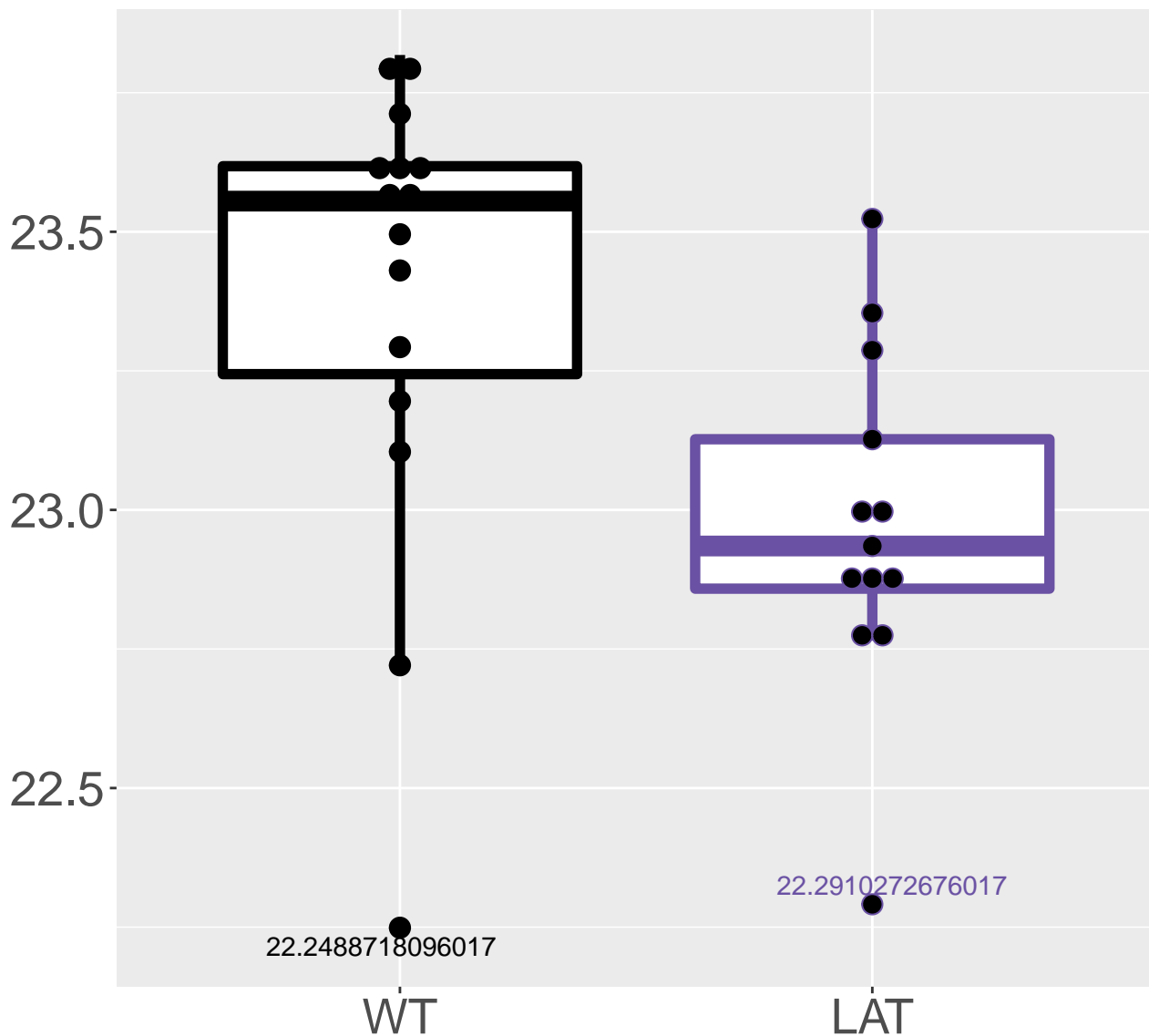
M279.1567T426.06

FDR = 0.042, FC = -0.72



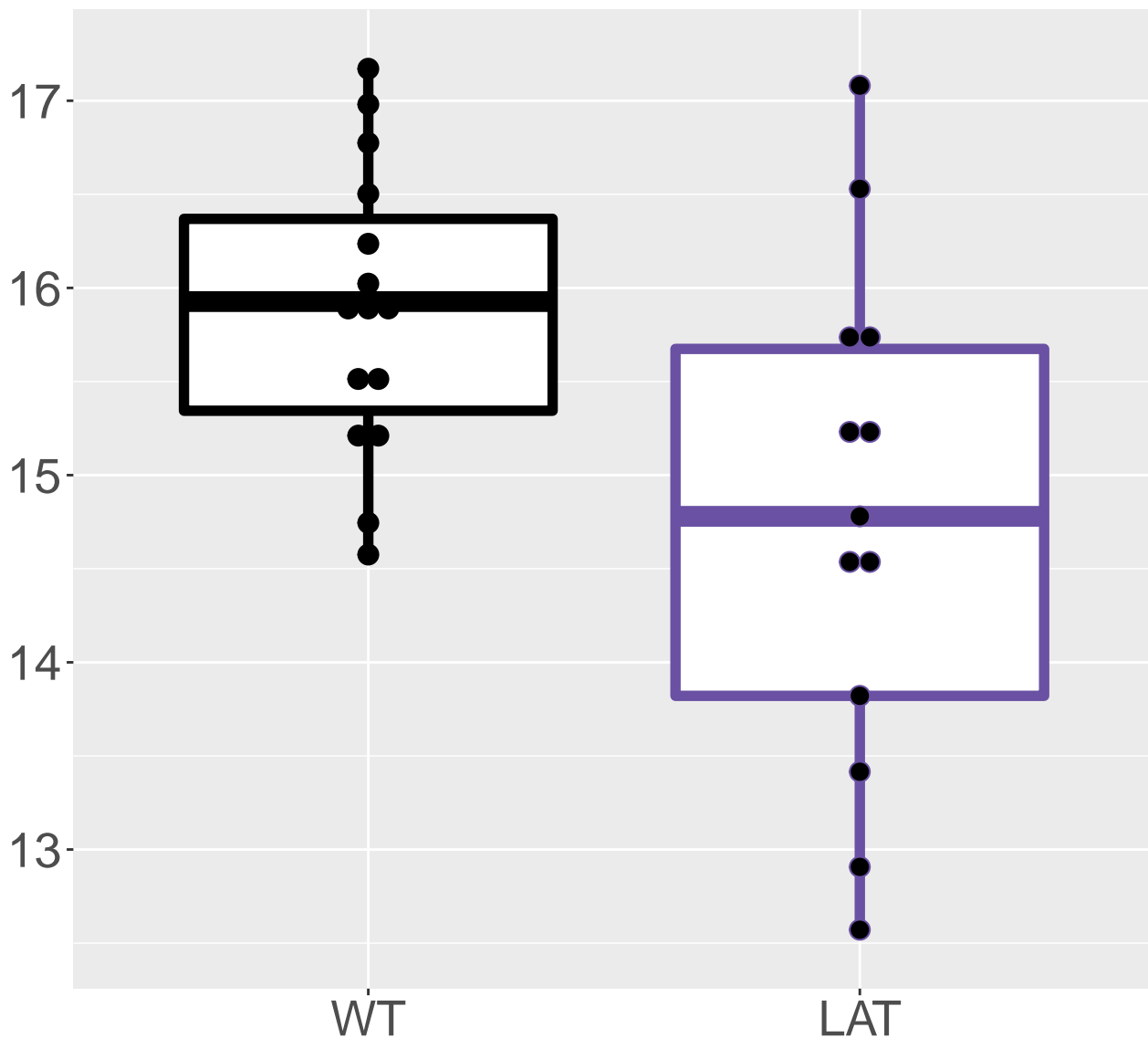
Tryptophan|L-Tryptophan

FDR = 0.042, FC = -0.41



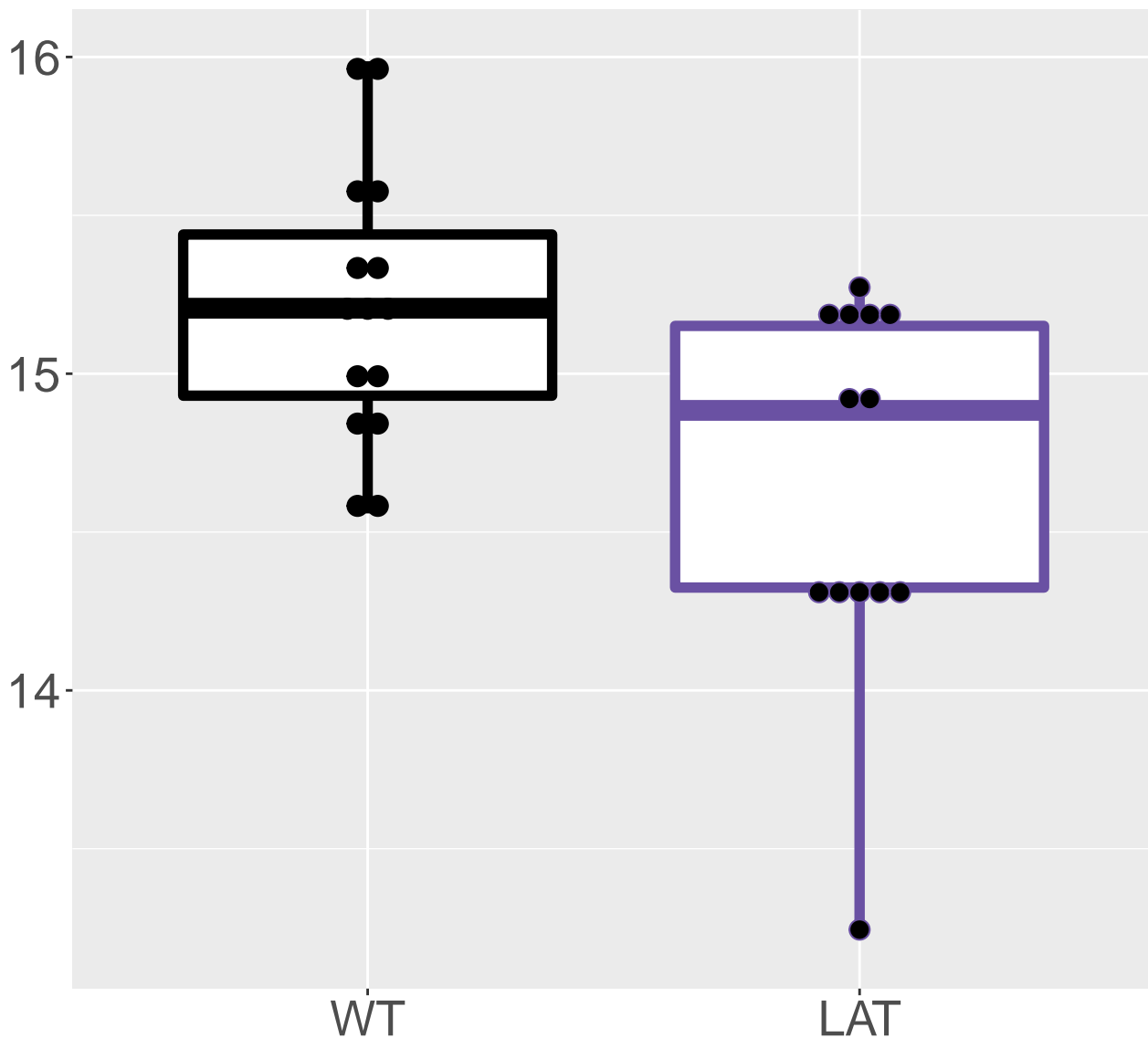
M493.2231T206.13

FDR = 0.043, FC = -1.1



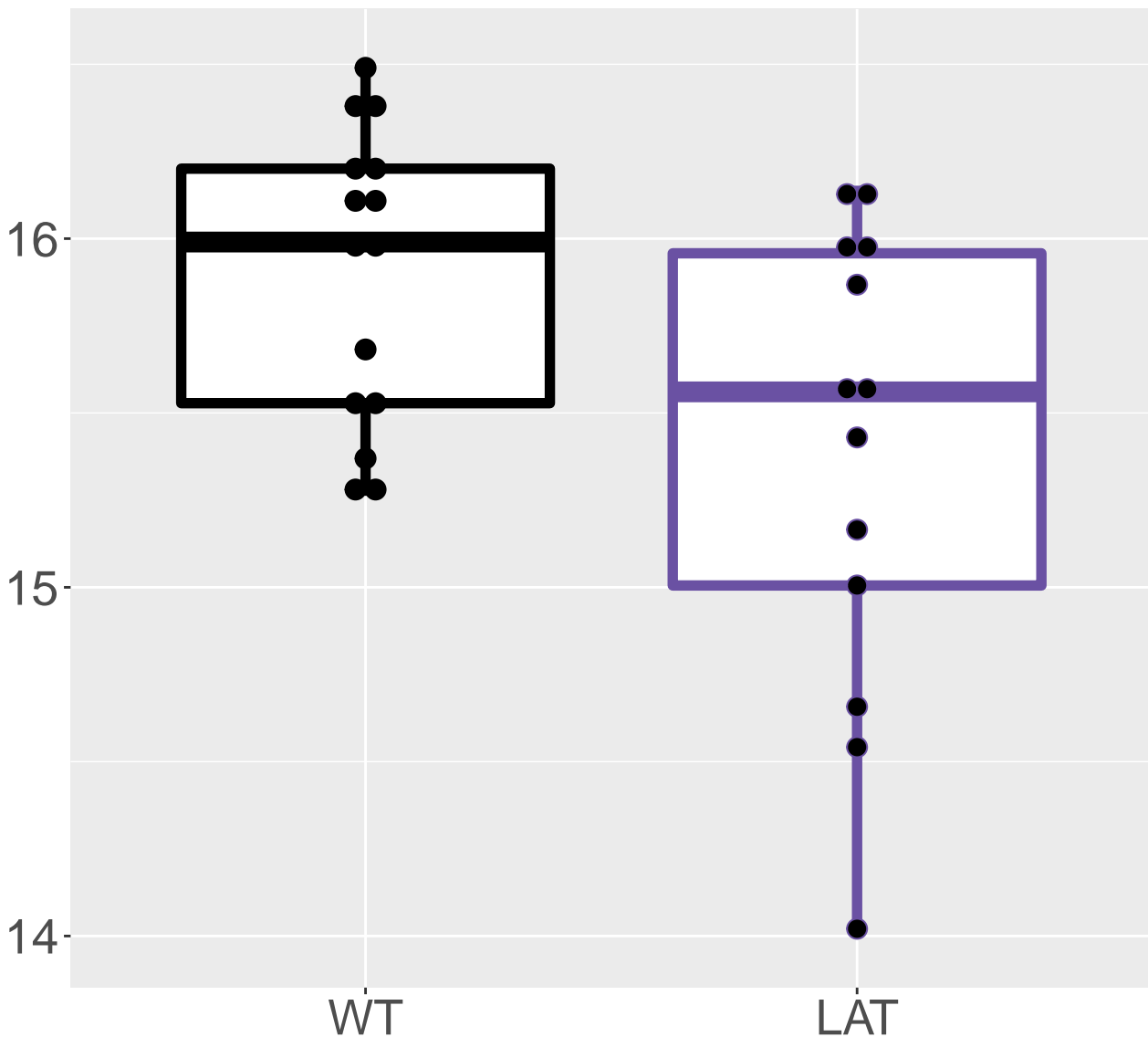
M191.9797T131.91

FDR = 0.043, FC = -0.54



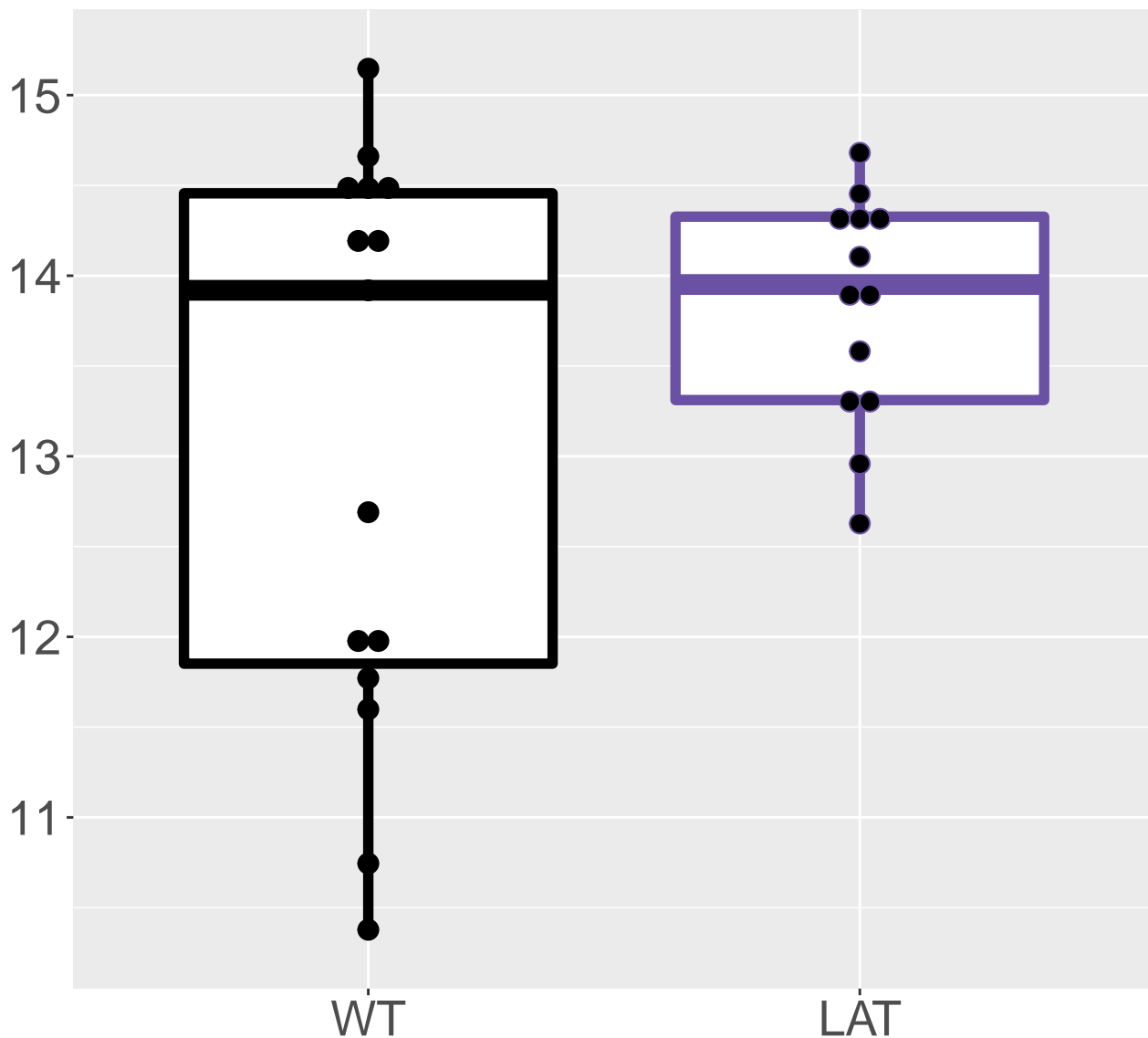
M311.1466T570.08

FDR = 0.043, FC = -0.51



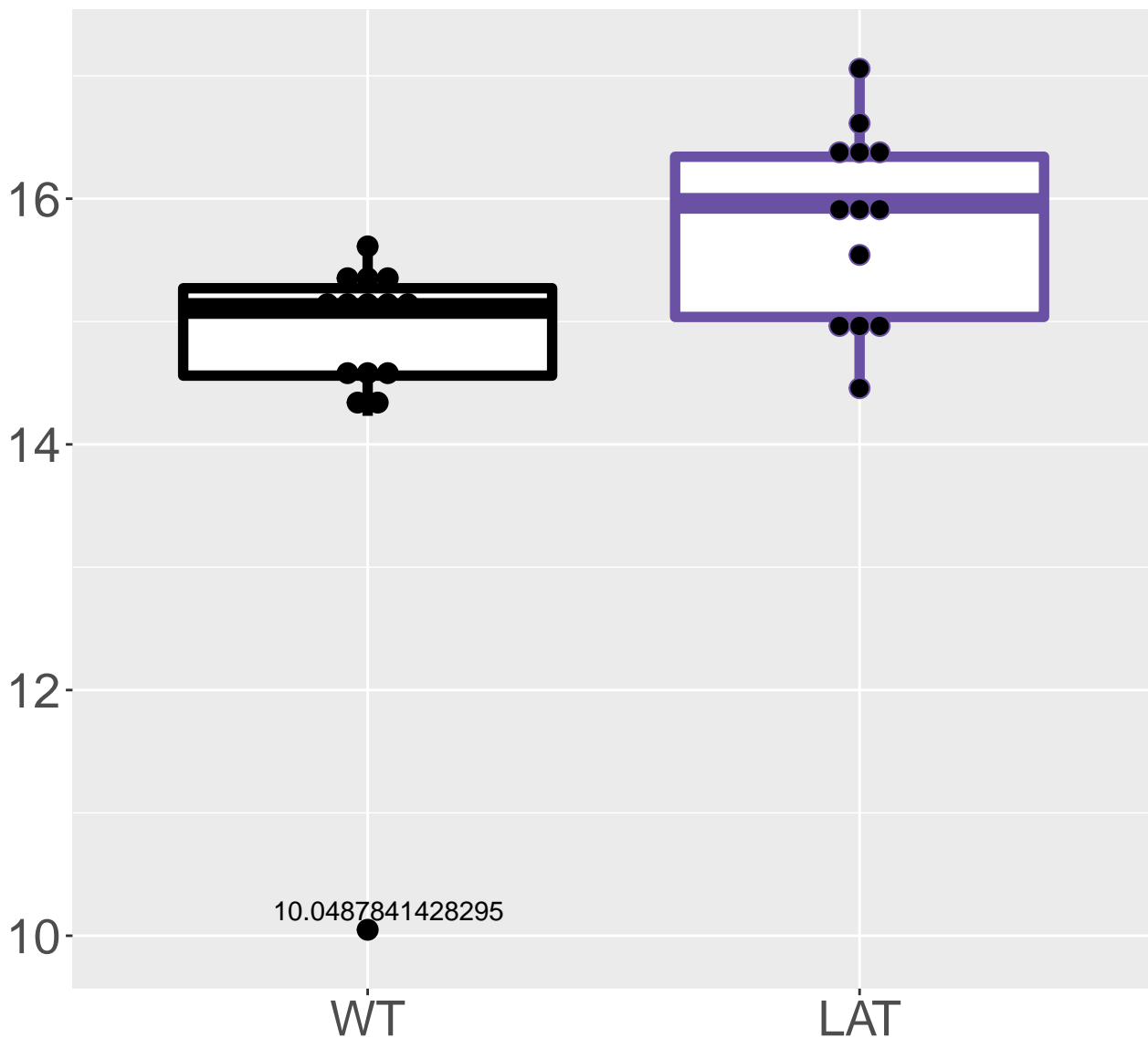
M261.0288T535.57

FDR = 0.043, FC = 0.71, sex***



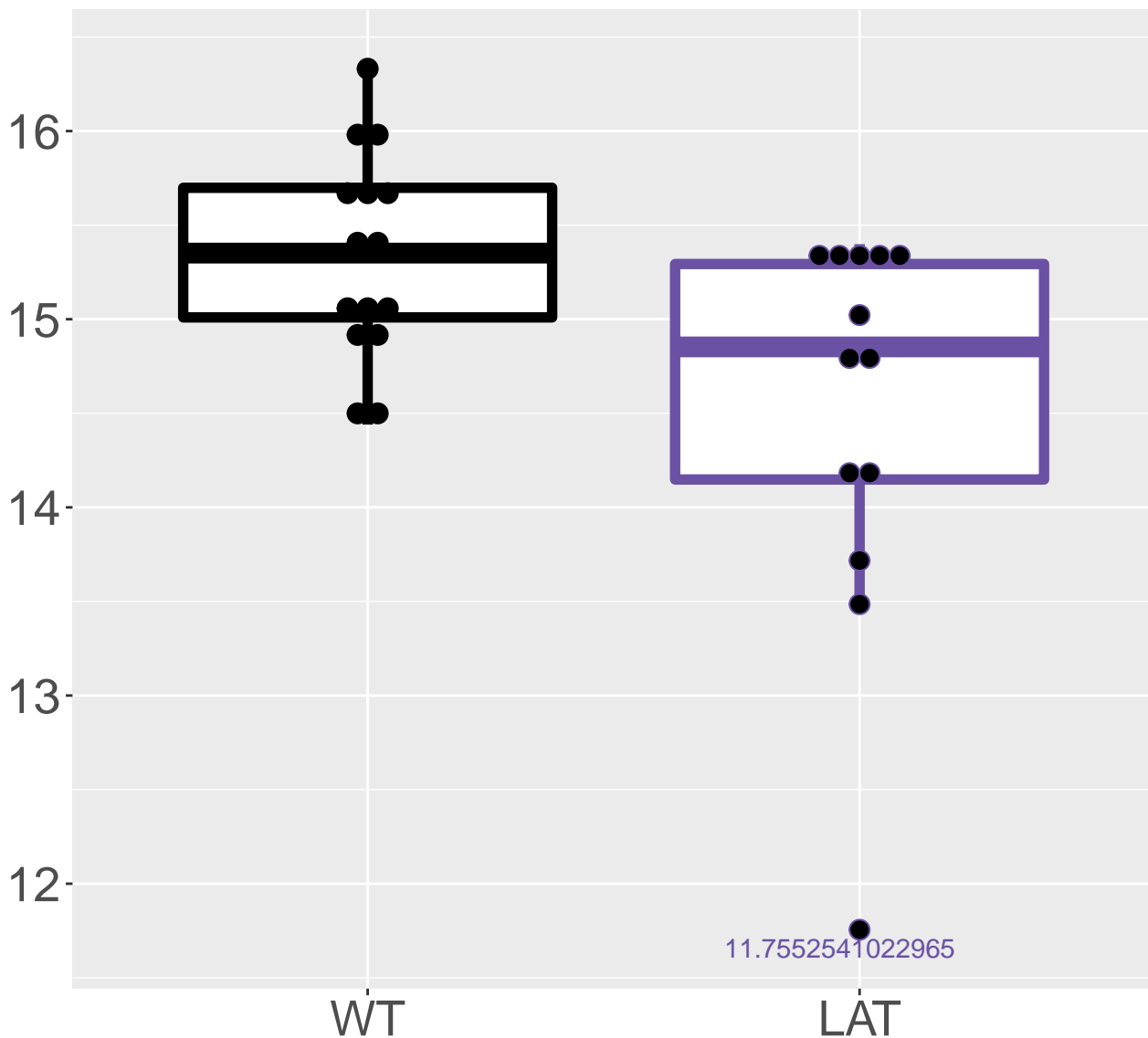
M241.0027T673.72

FDR = 0.043, FC = 1.1



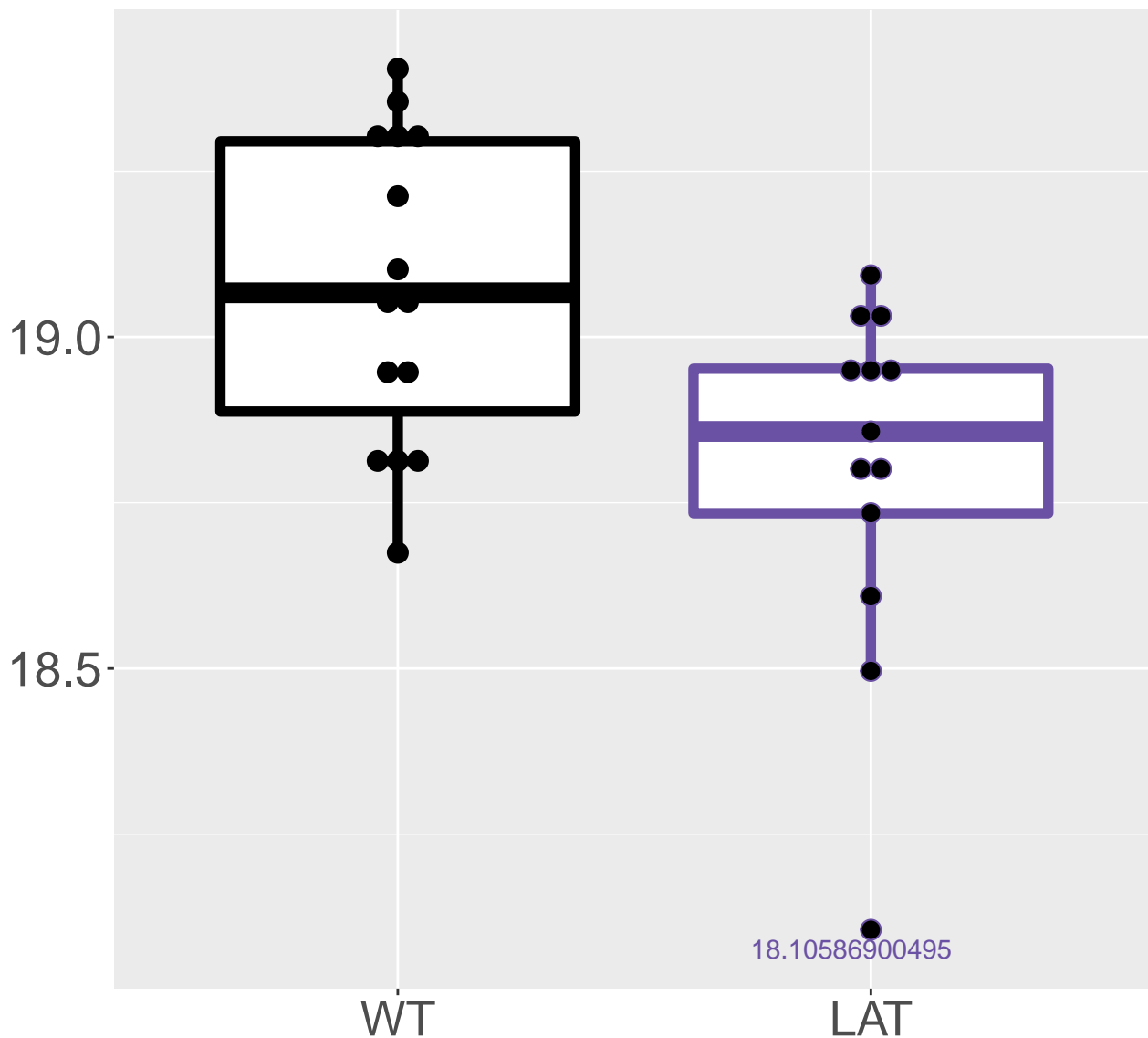
M244.0596T400.62

FDR = 0.043, FC = -0.84

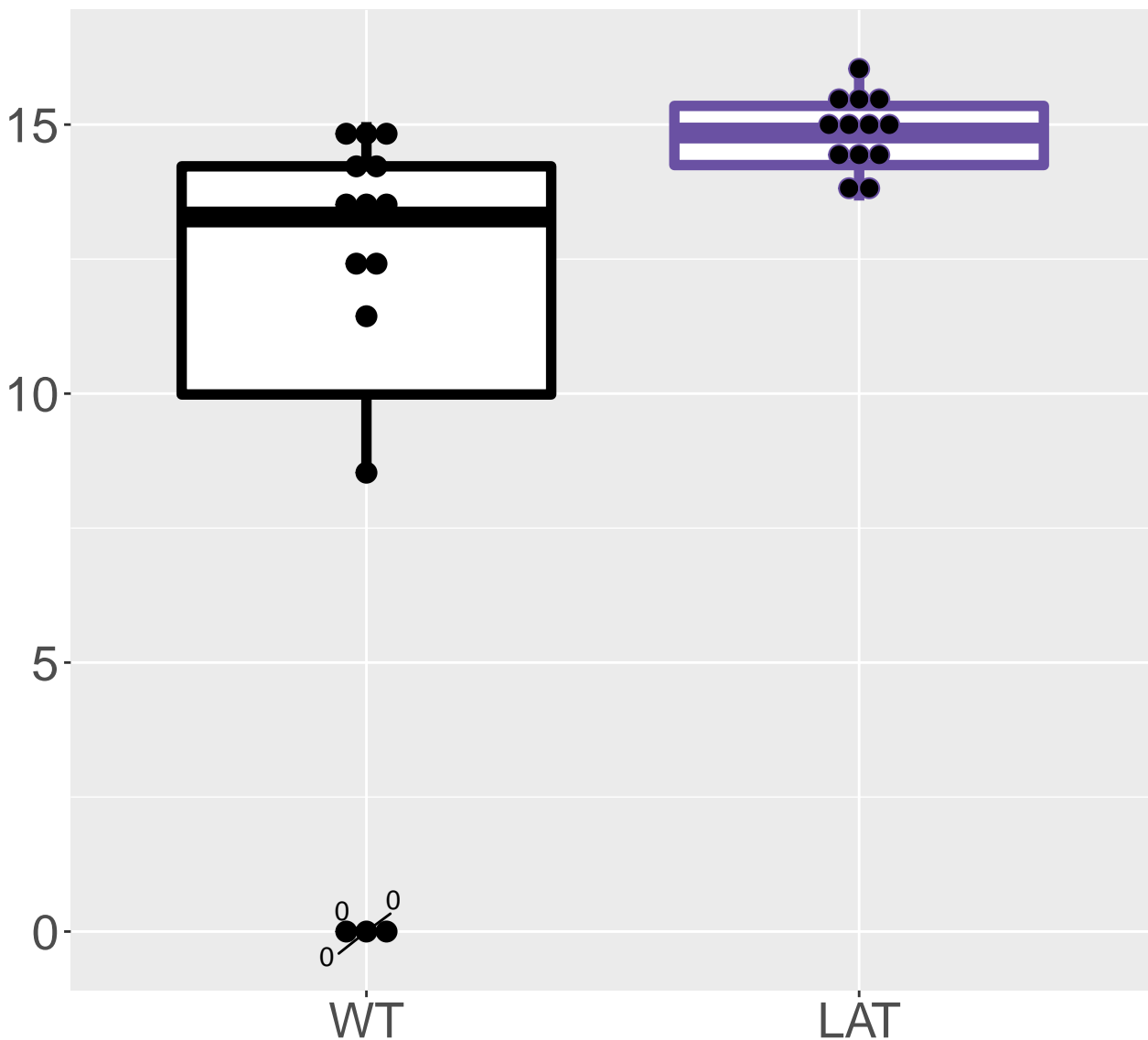


M303.0872T438.55

FDR = 0.044, FC = -0.27

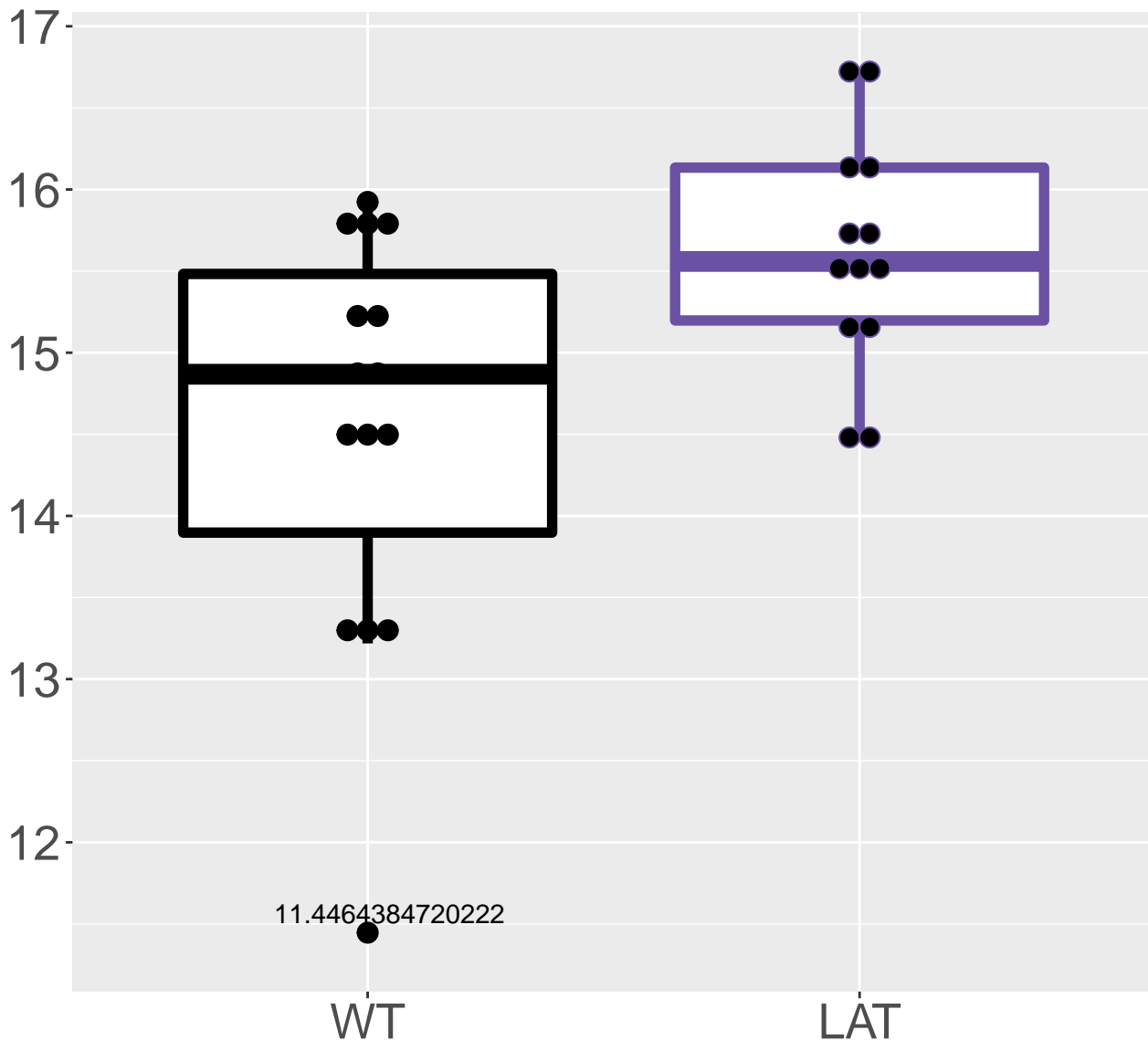


FDR = 0.044, FC = 4.3



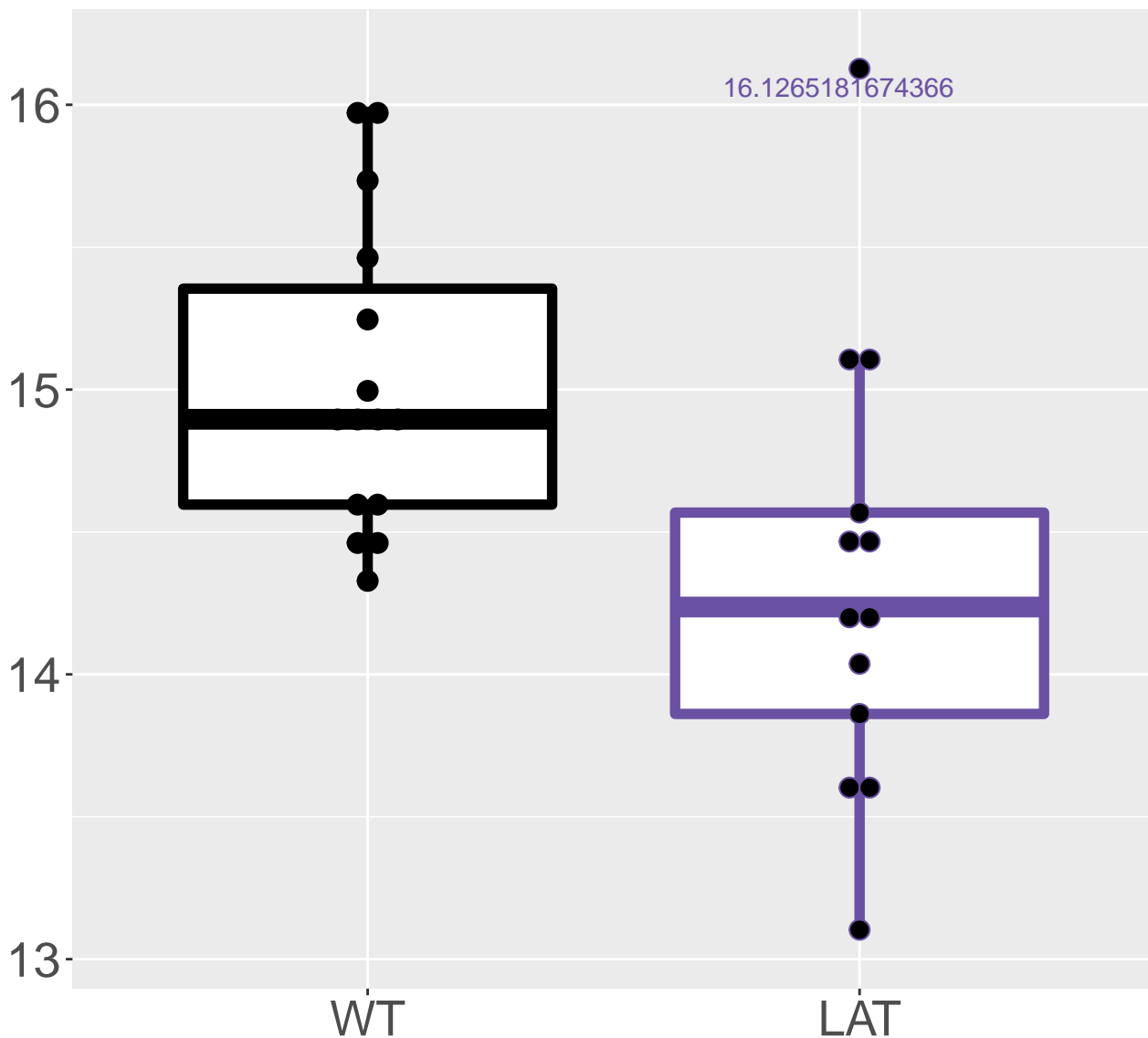
M445.1601T498.05

FDR = 0.044, FC = 1.1



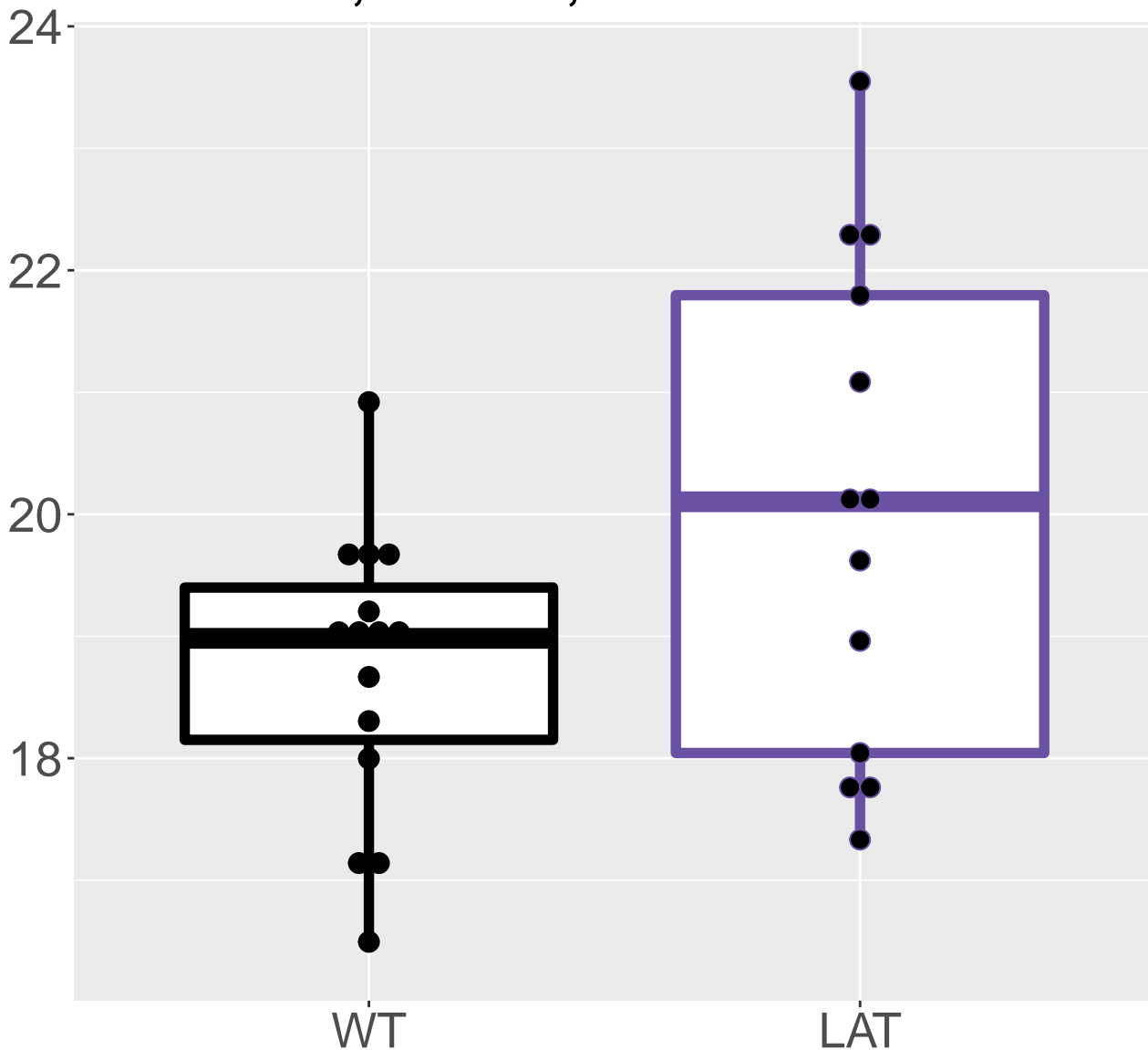
M220.0983T90.82

FDR = 0.045, FC = -0.68



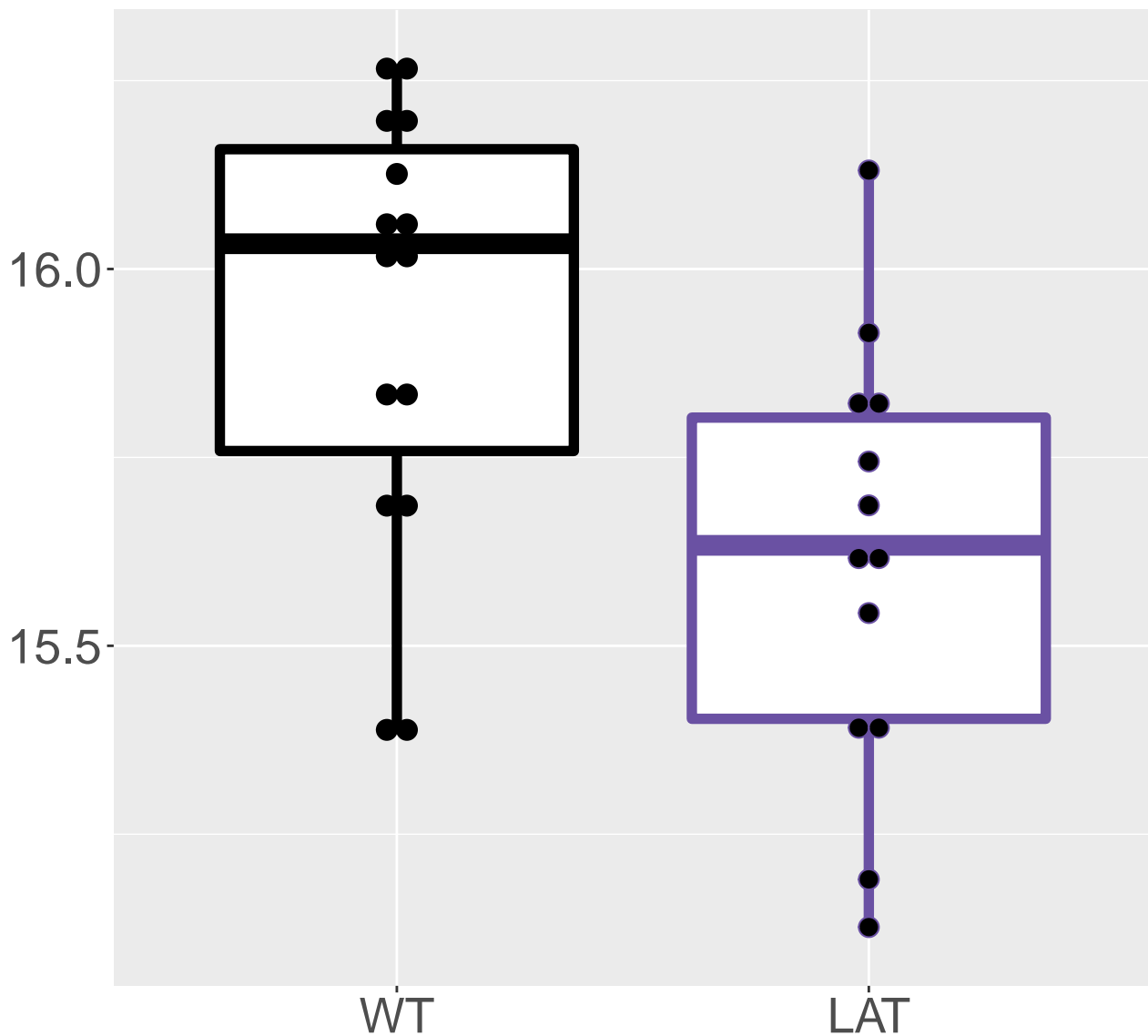
M194.013T148.41

FDR = 0.045, FC = 1.3, sex***



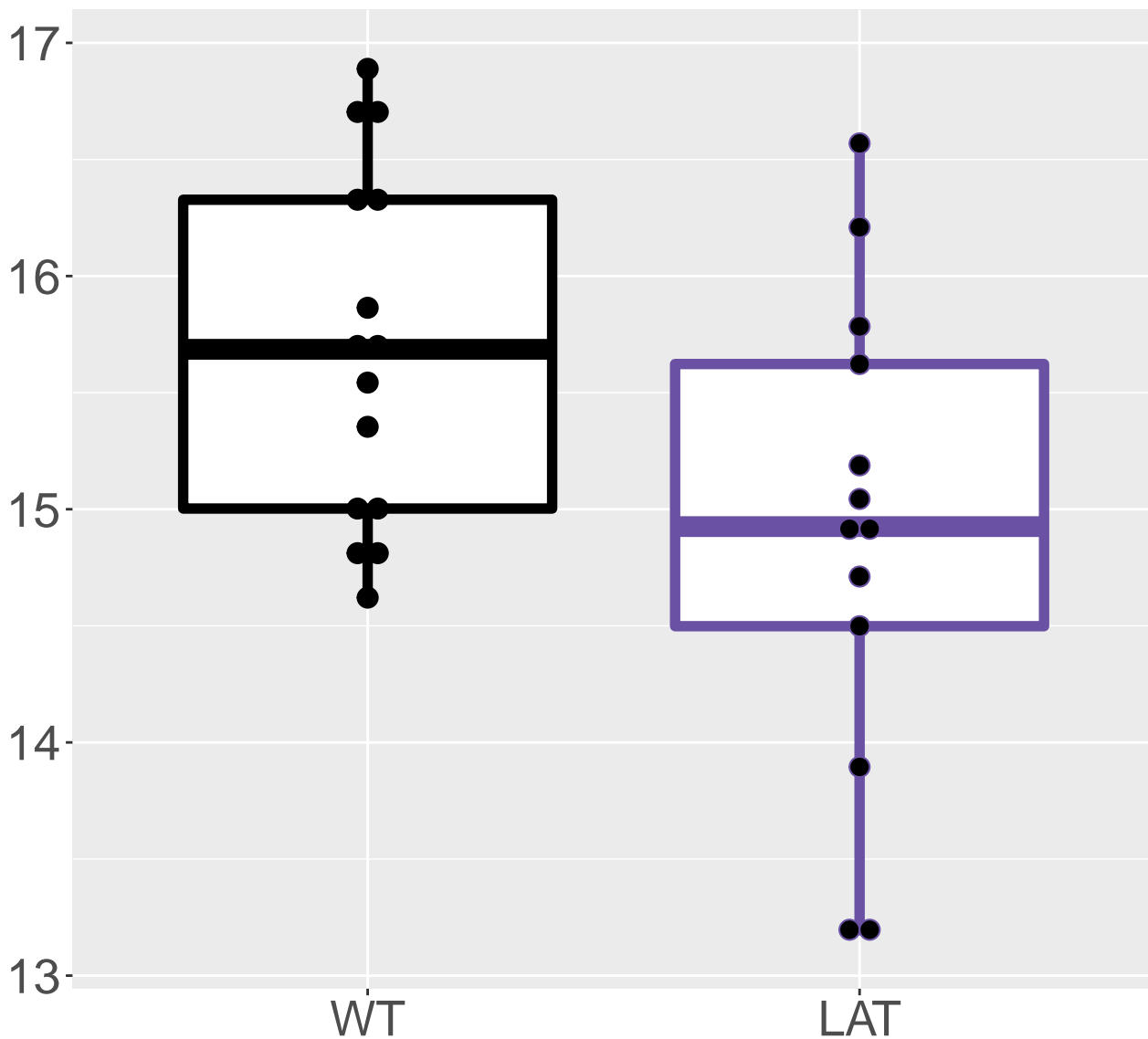
M345.0957T348.78

FDR = 0.045, FC = -0.32



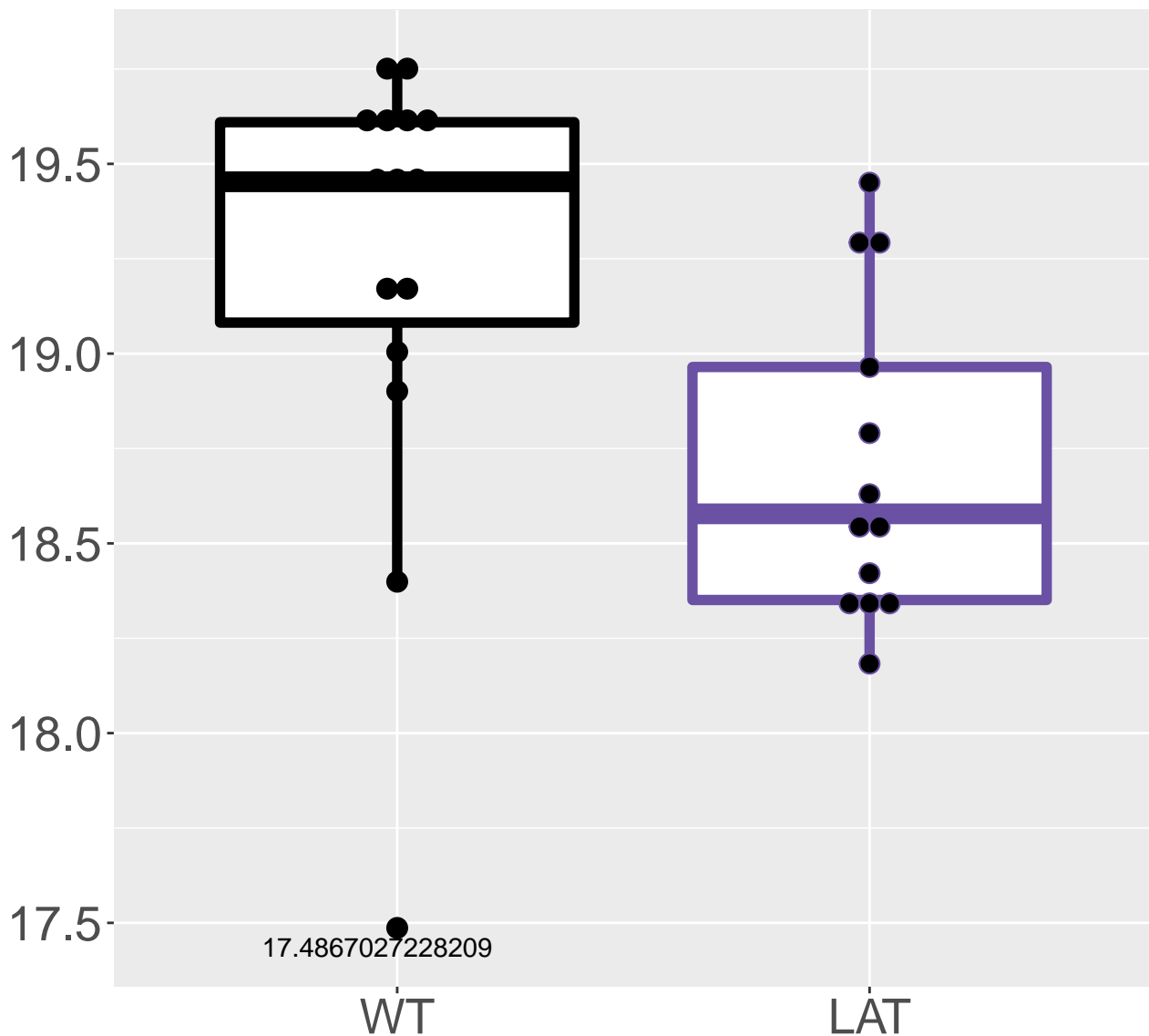
M837.2284T564.37

FDR = 0.045, FC = -0.79

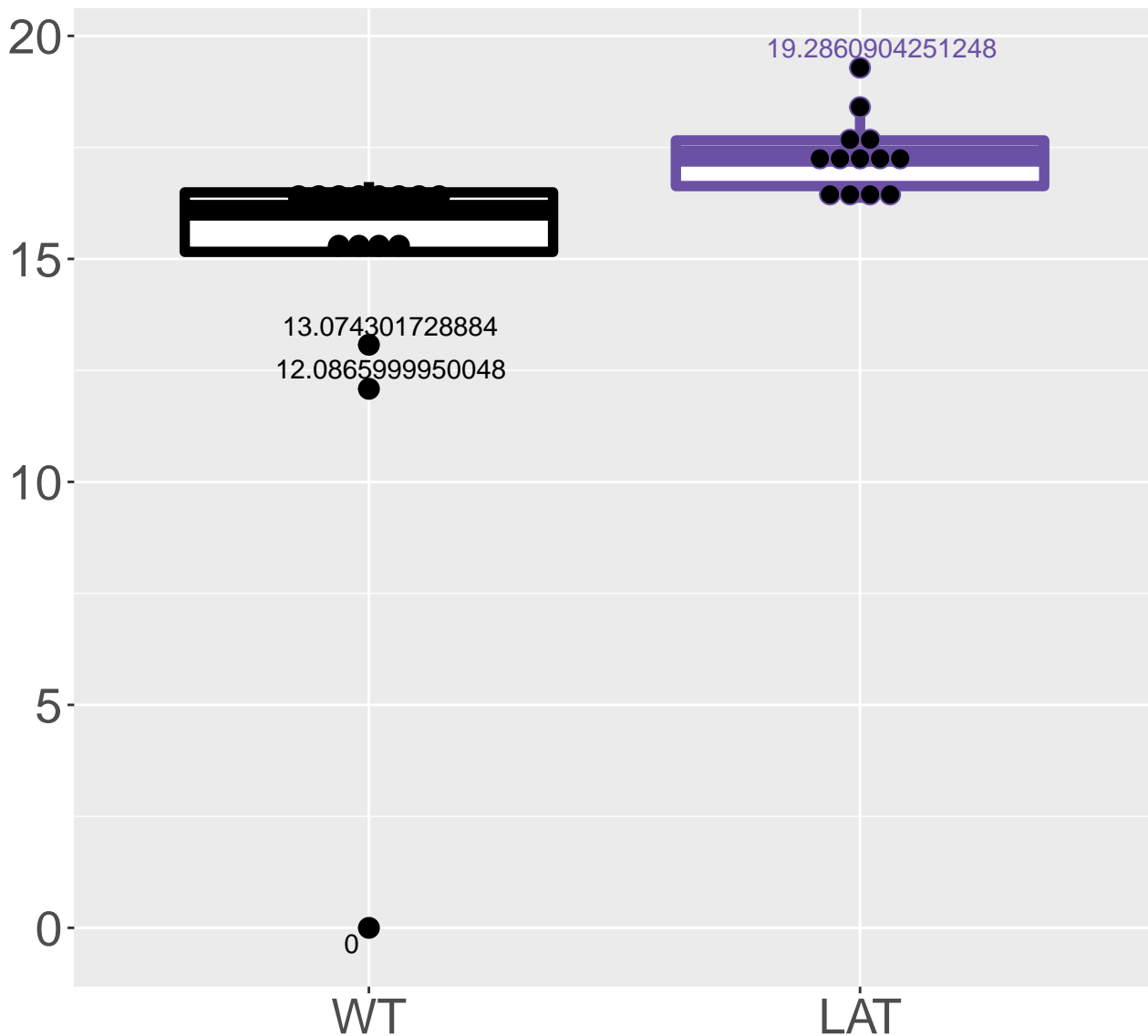


M212.0369T573.31

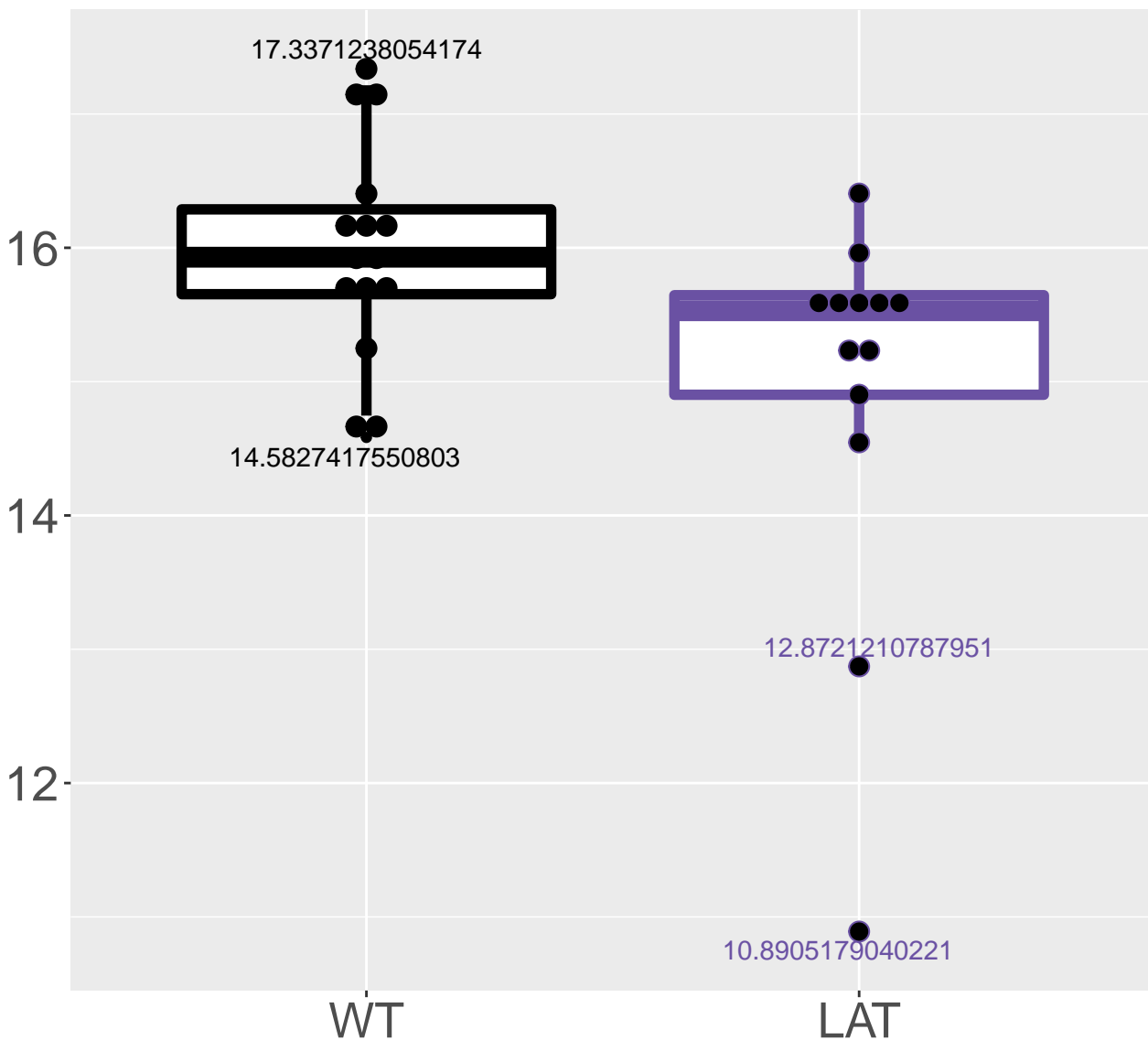
FDR = 0.045, FC = -0.53



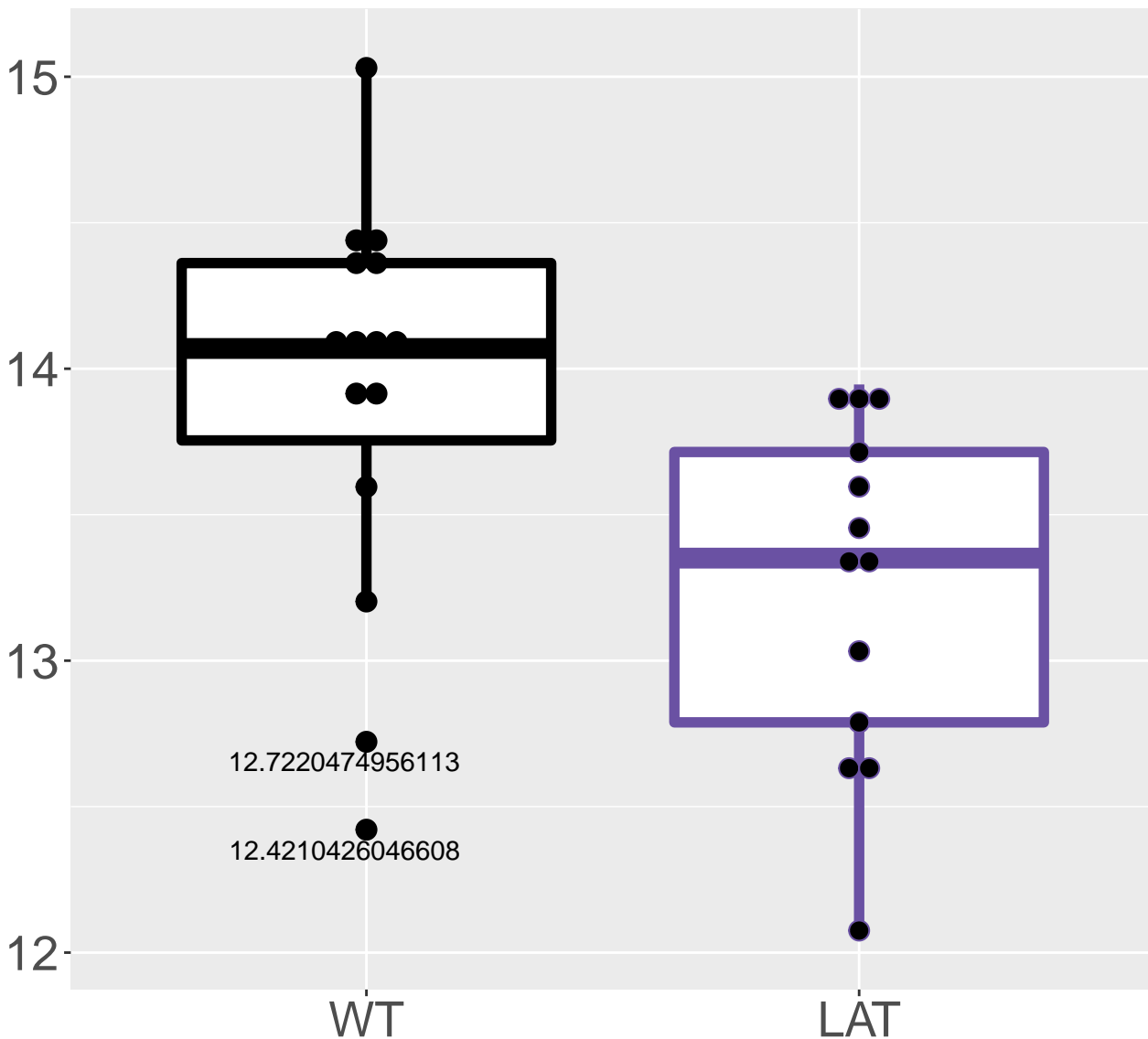
M206.0308T396.45
FDR = 0.045, FC = 2.8



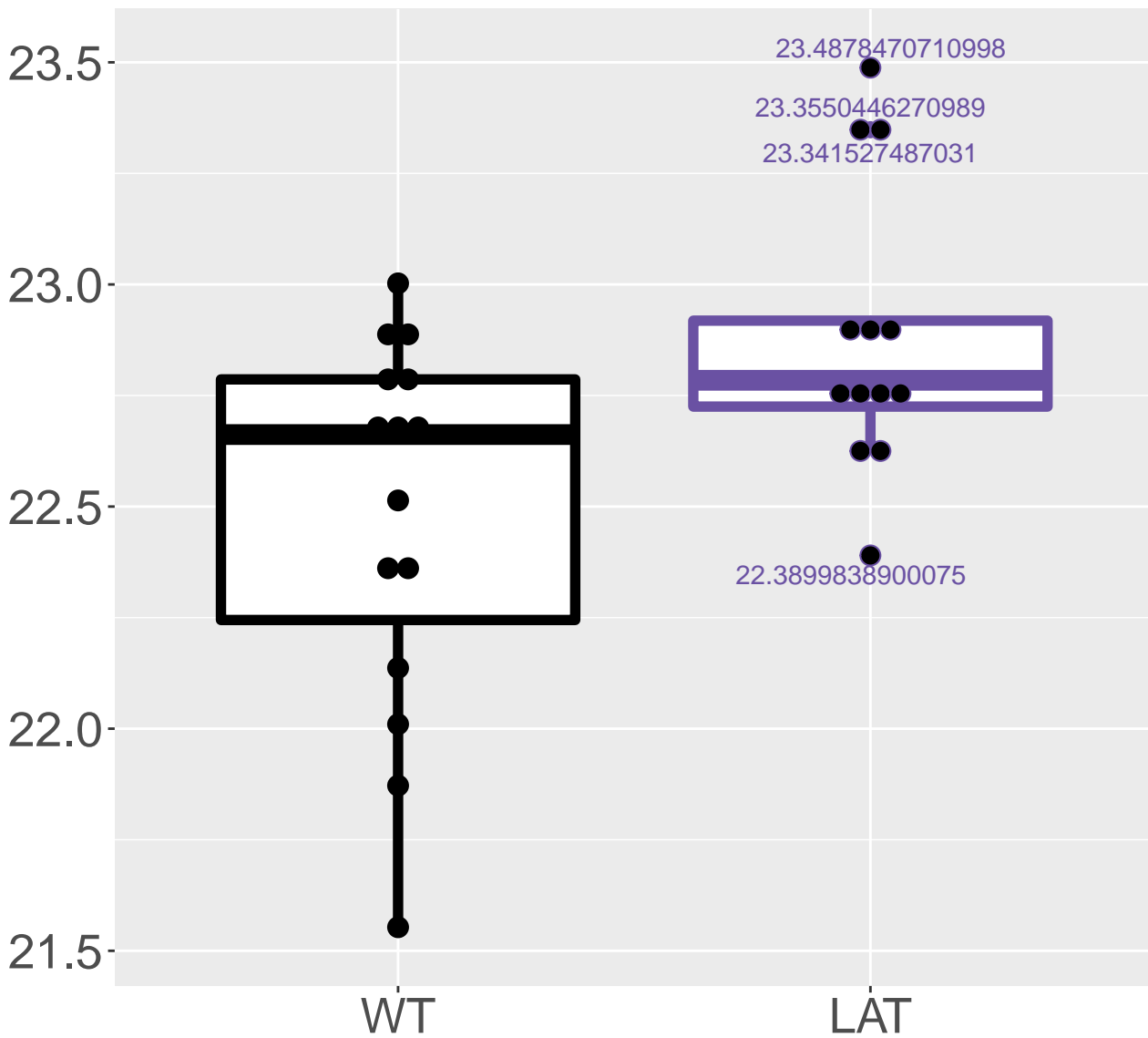
FDR = 0.045, FC = -1.1



FDR = 0.045, FC = -0.66

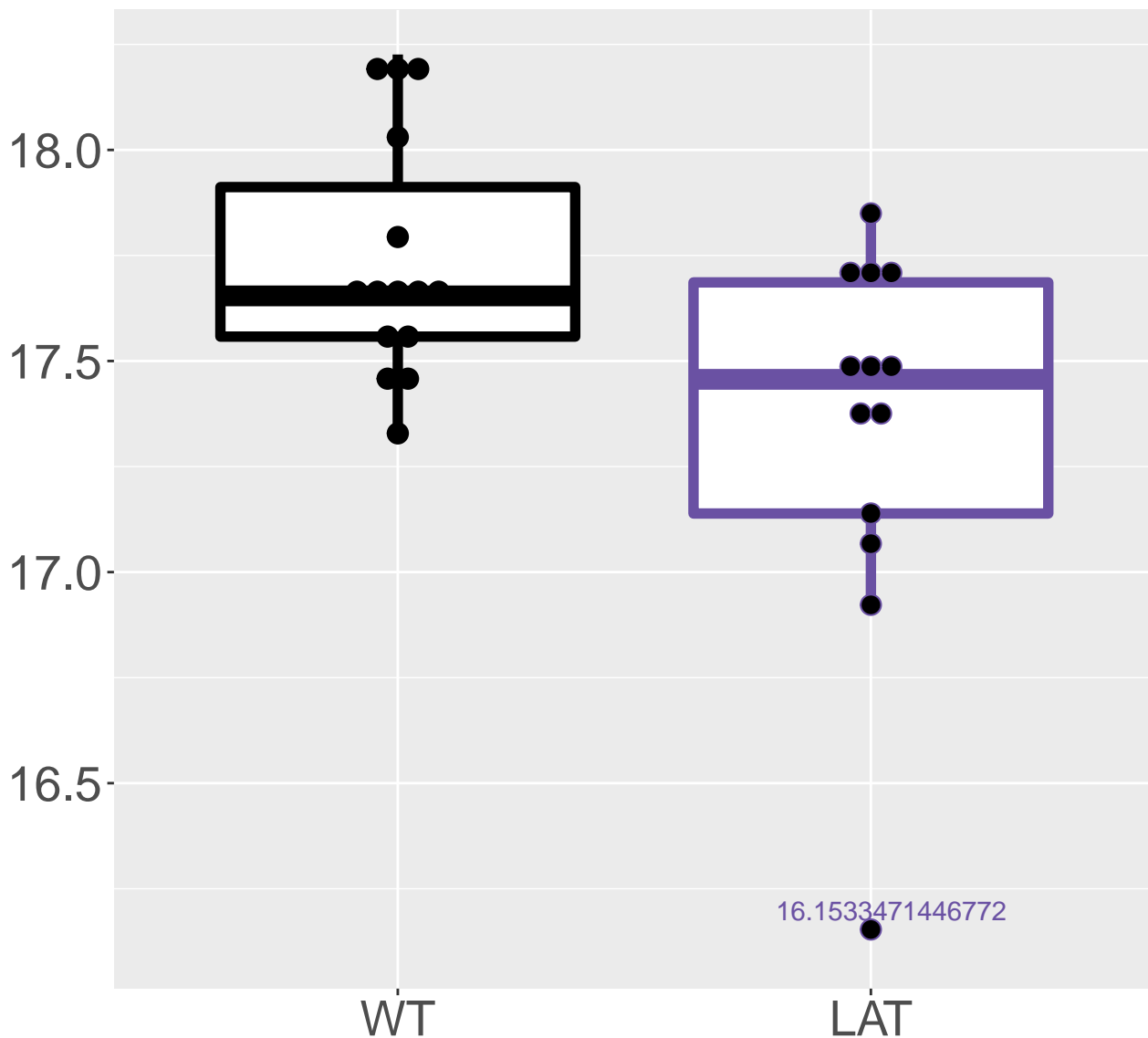


M310.1261T476.1
FDR = 0.045, FC = 0.41



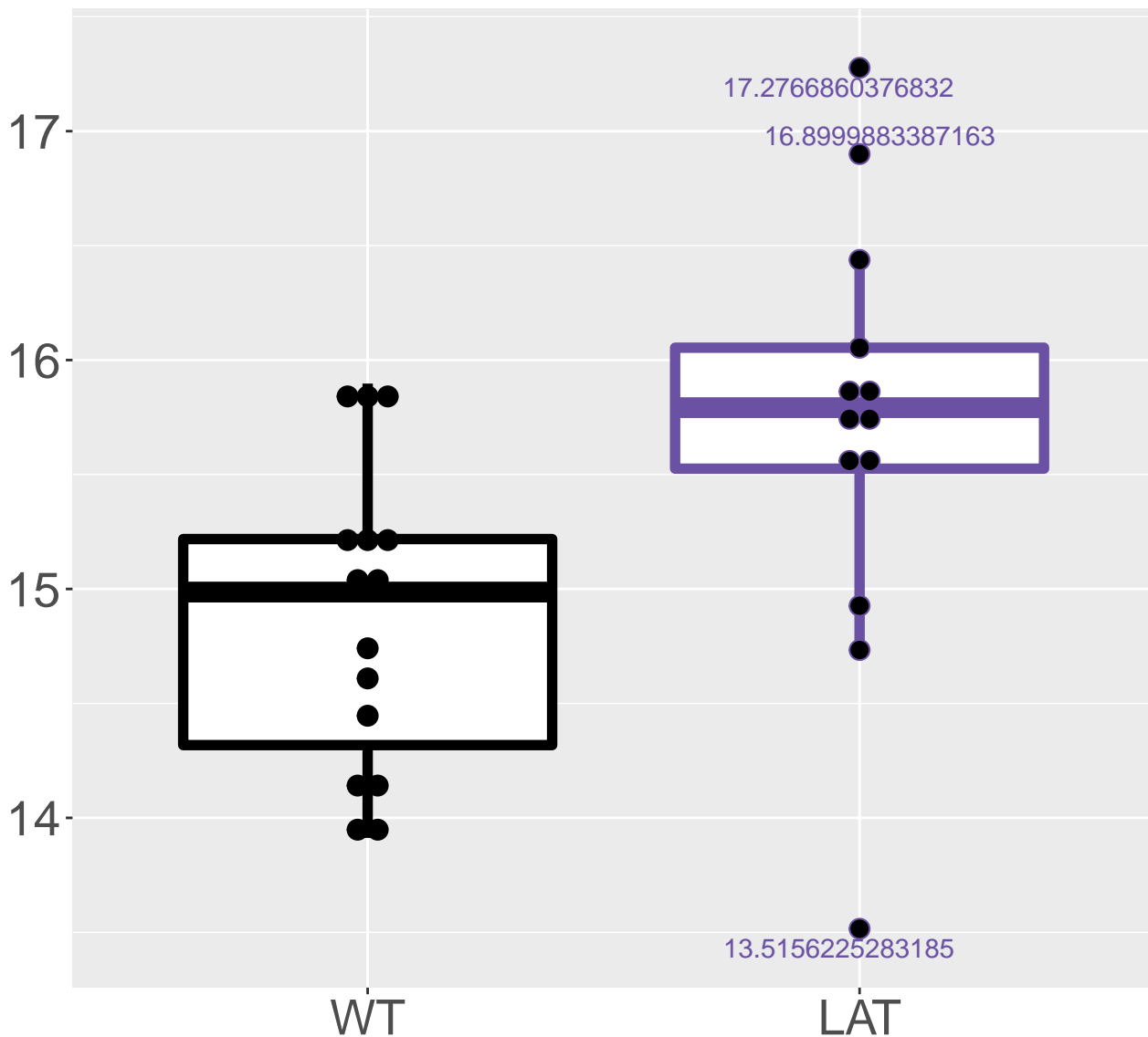
M280.0806T430.93

FDR = 0.046, FC = -0.4

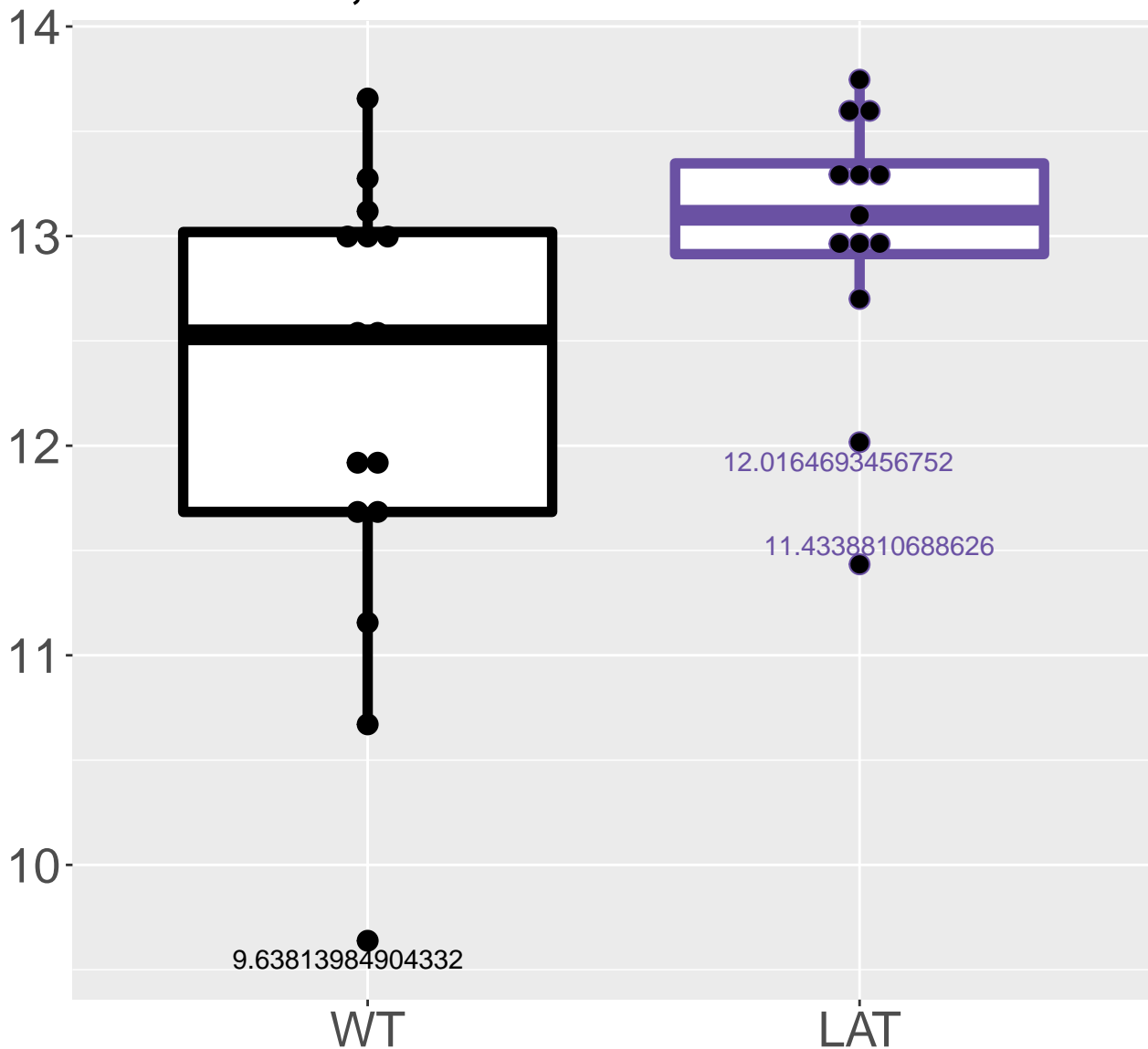


M548.0868T671.42

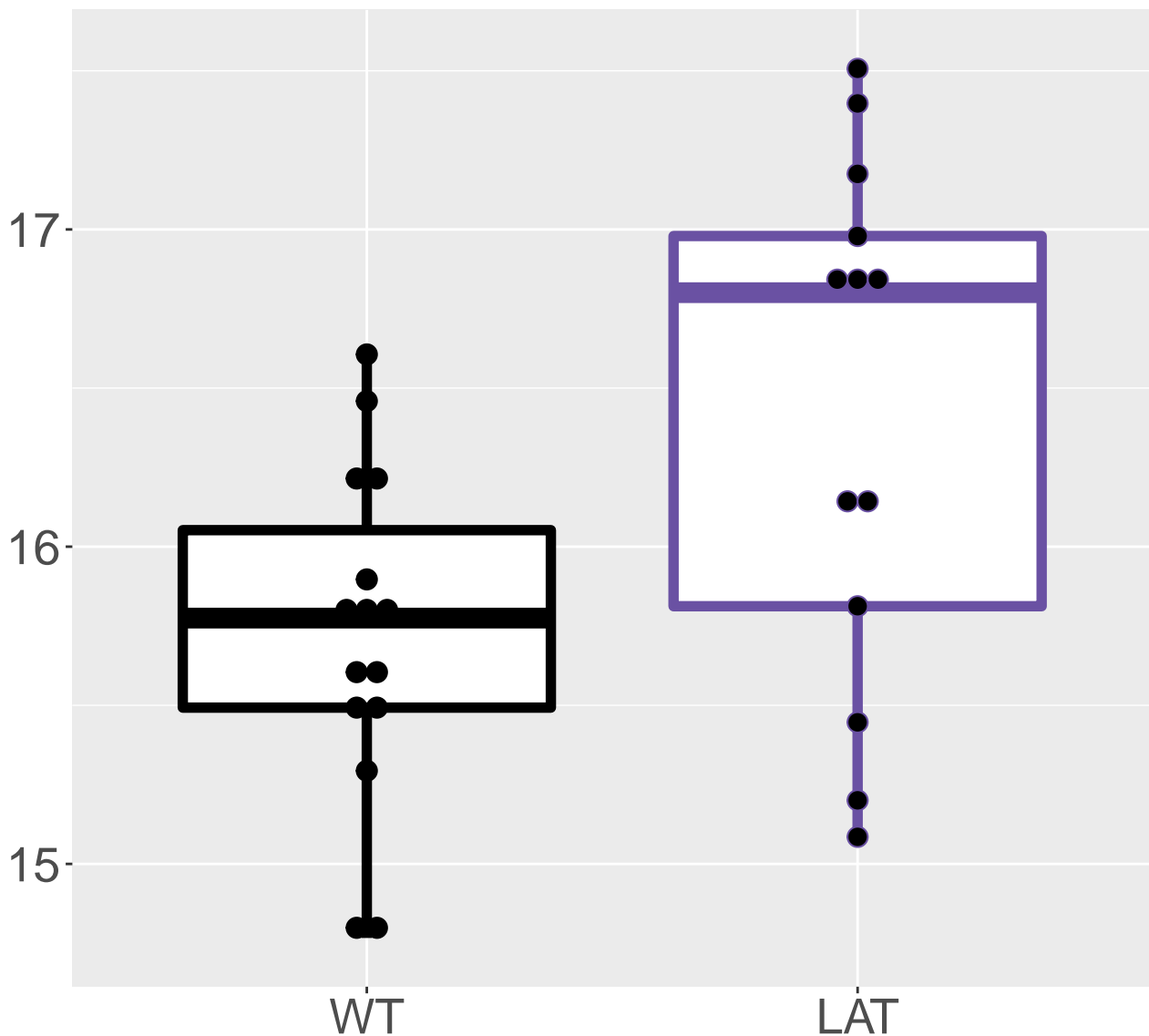
FDR = 0.046, FC = 0.83



M363.0749T644.95
FDR = 0.046, FC = 0.81

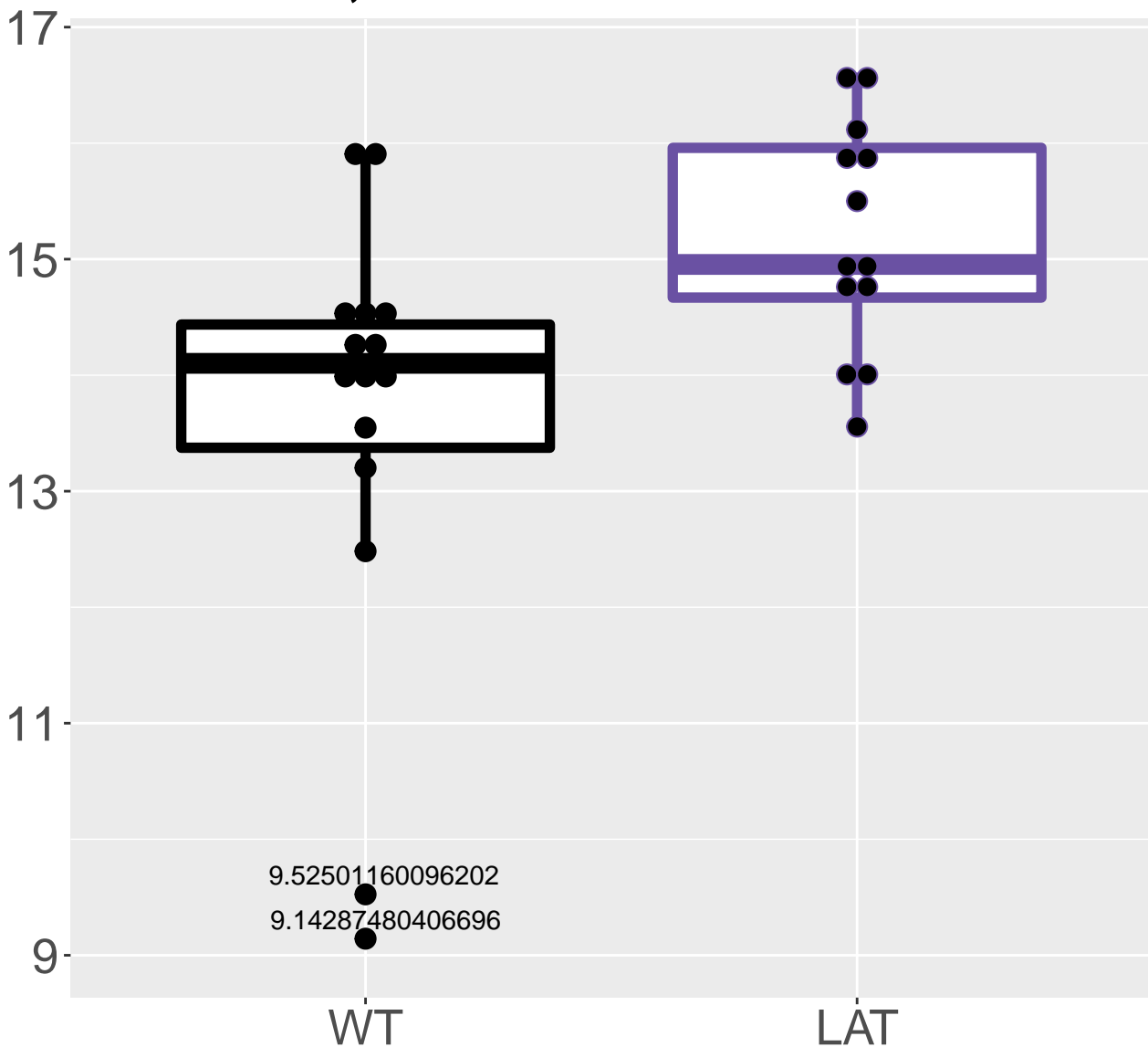


Dihydrouracil|1-Methylhydantoin;N-Methylhyda
FDR = 0.046, FC = 0.69



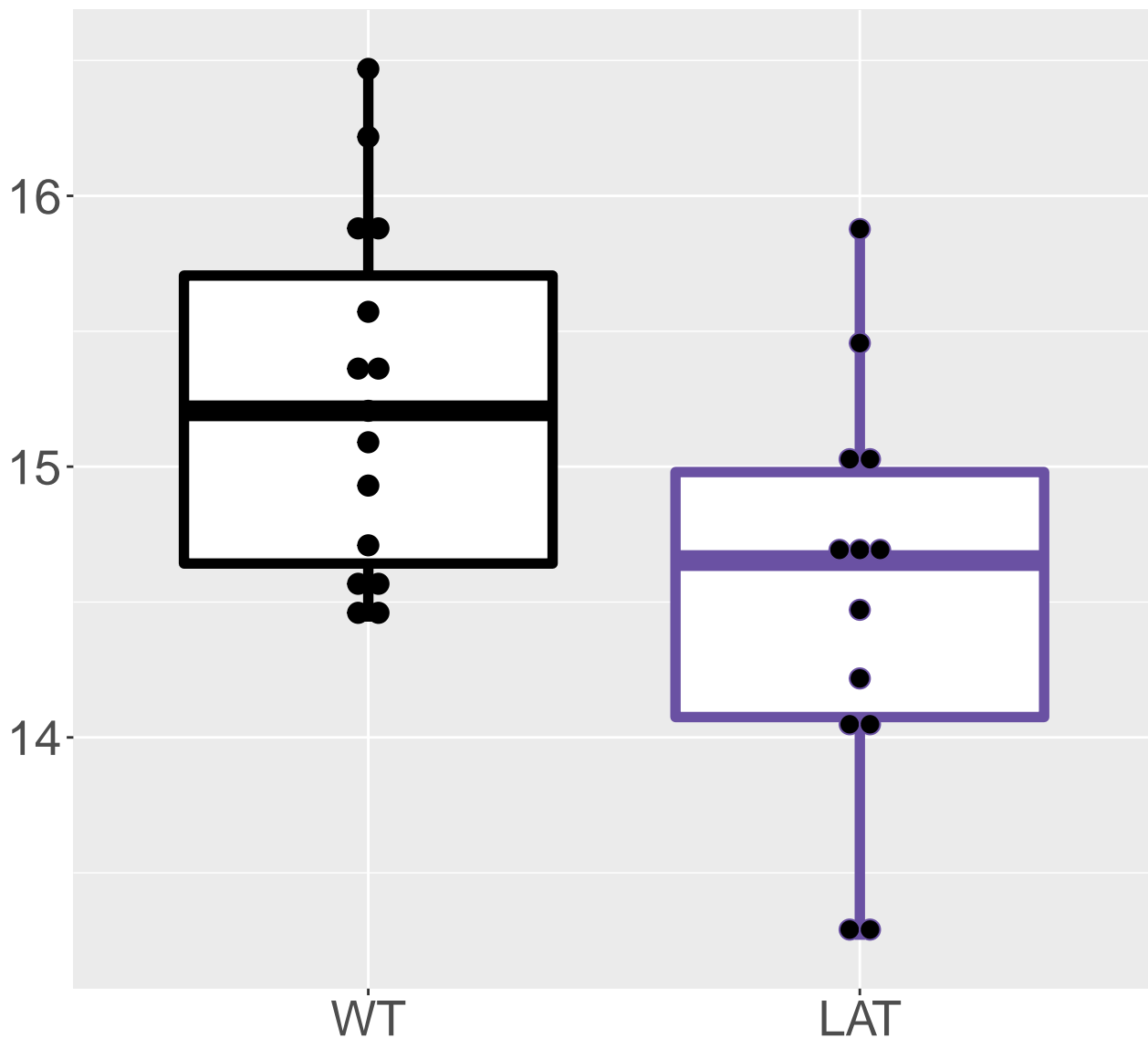
M246.992T659.75

FDR = 0.046, FC = 1.6



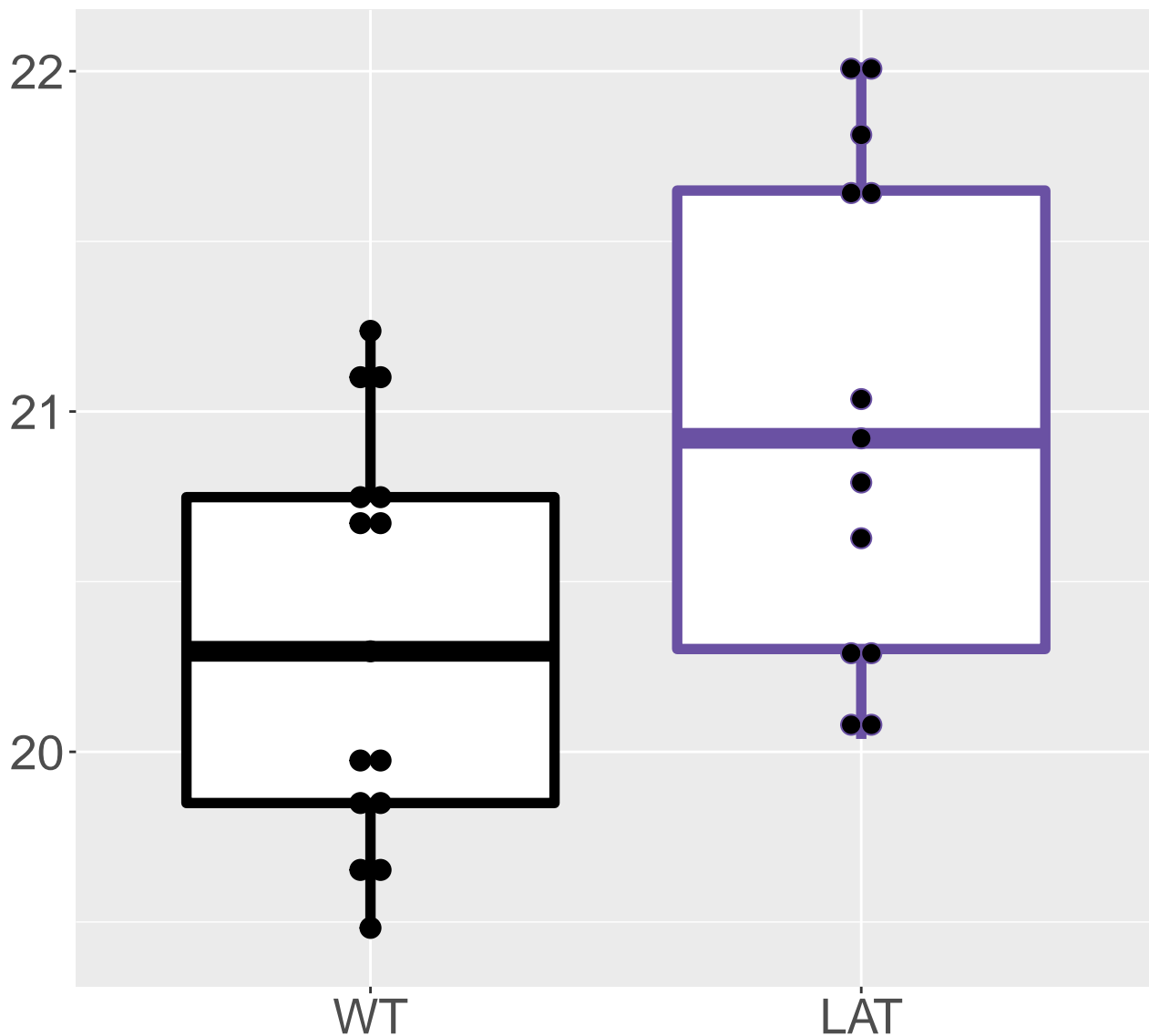
M328.1174T211.09

FDR = 0.046, FC = -0.73



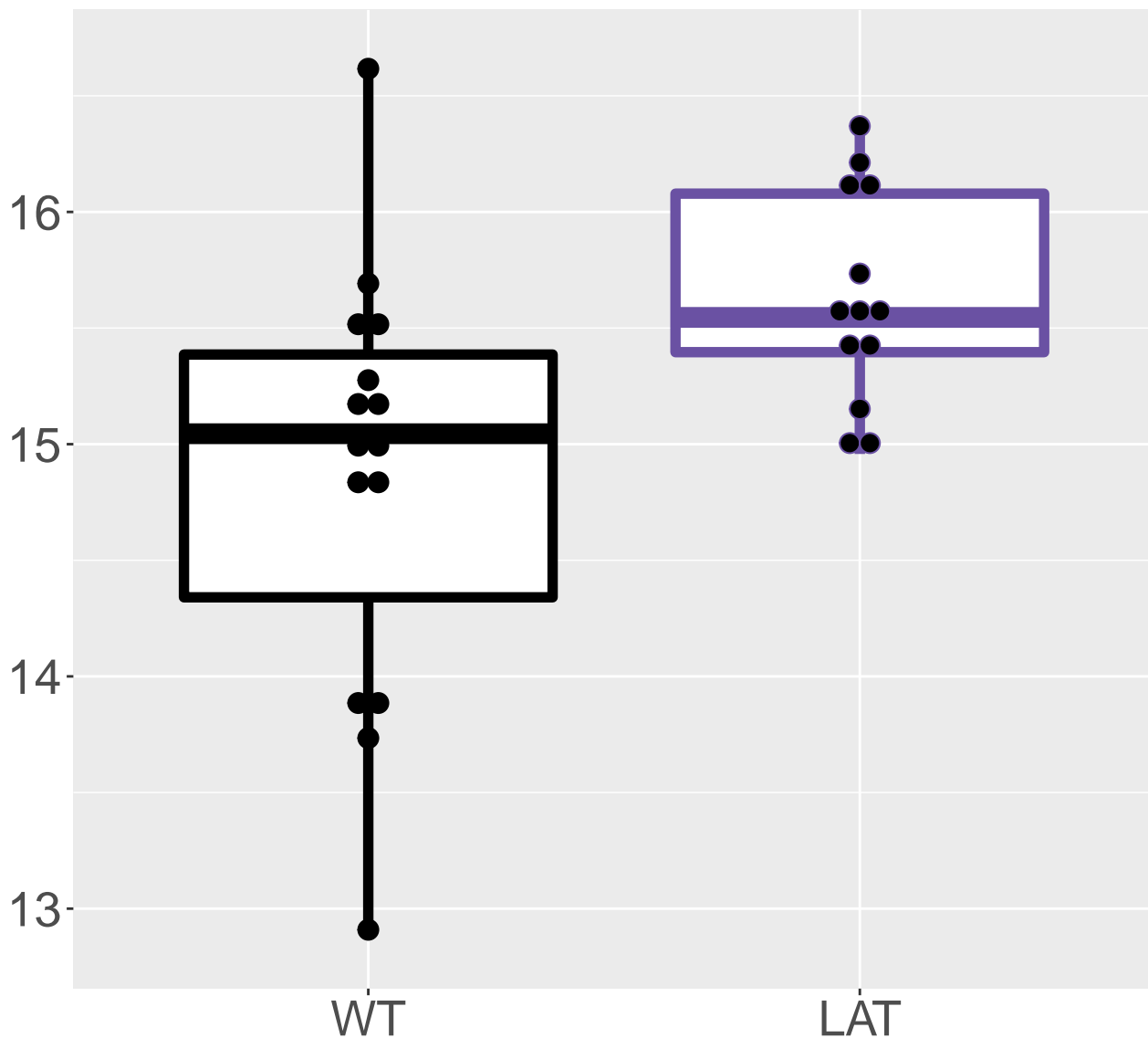
M495.102T540.94

FDR = 0.046, FC = 0.68



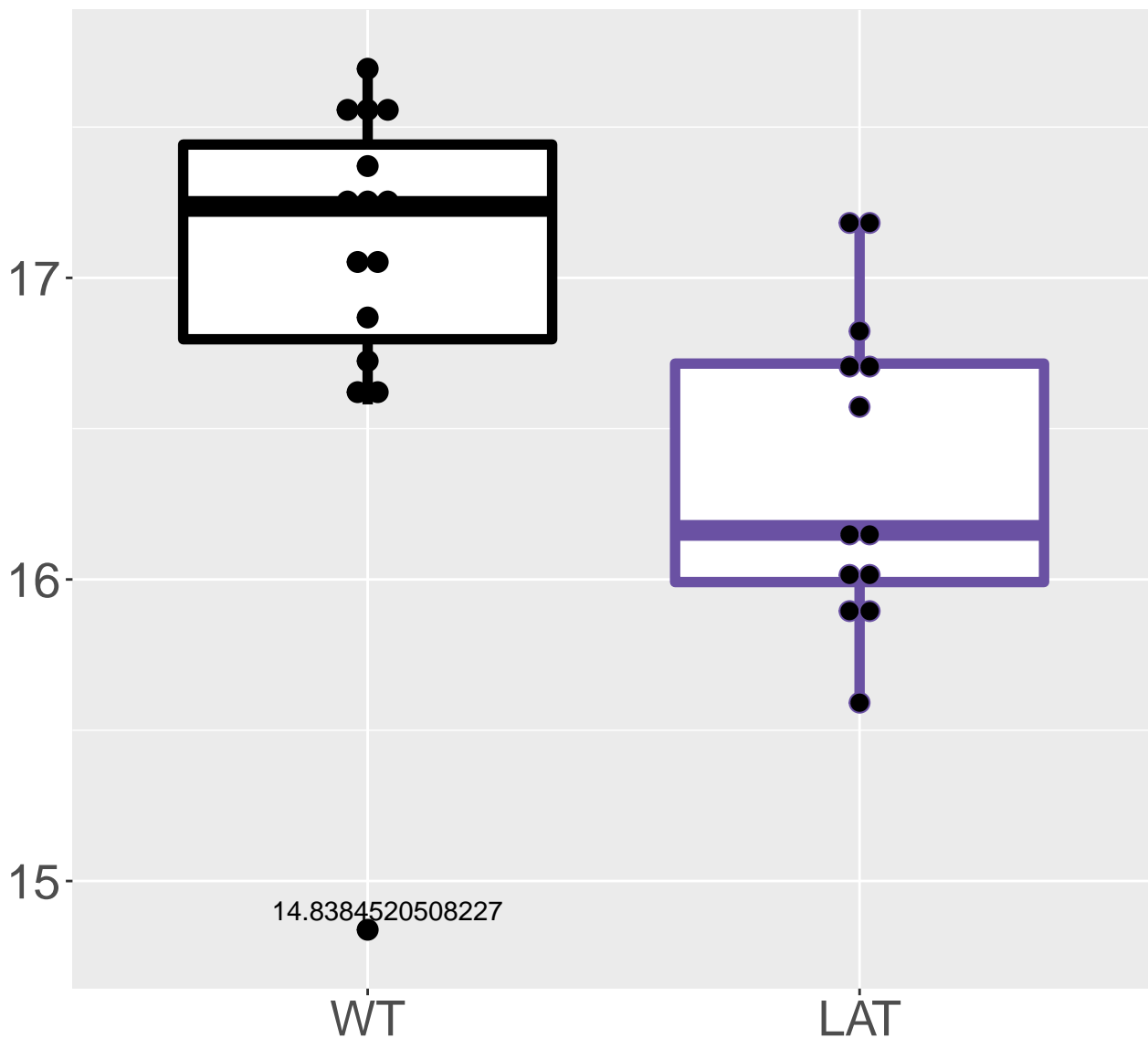
Indole-3-acetic acid;Indoleacetic acid

FDR = 0.047, FC = 0.77

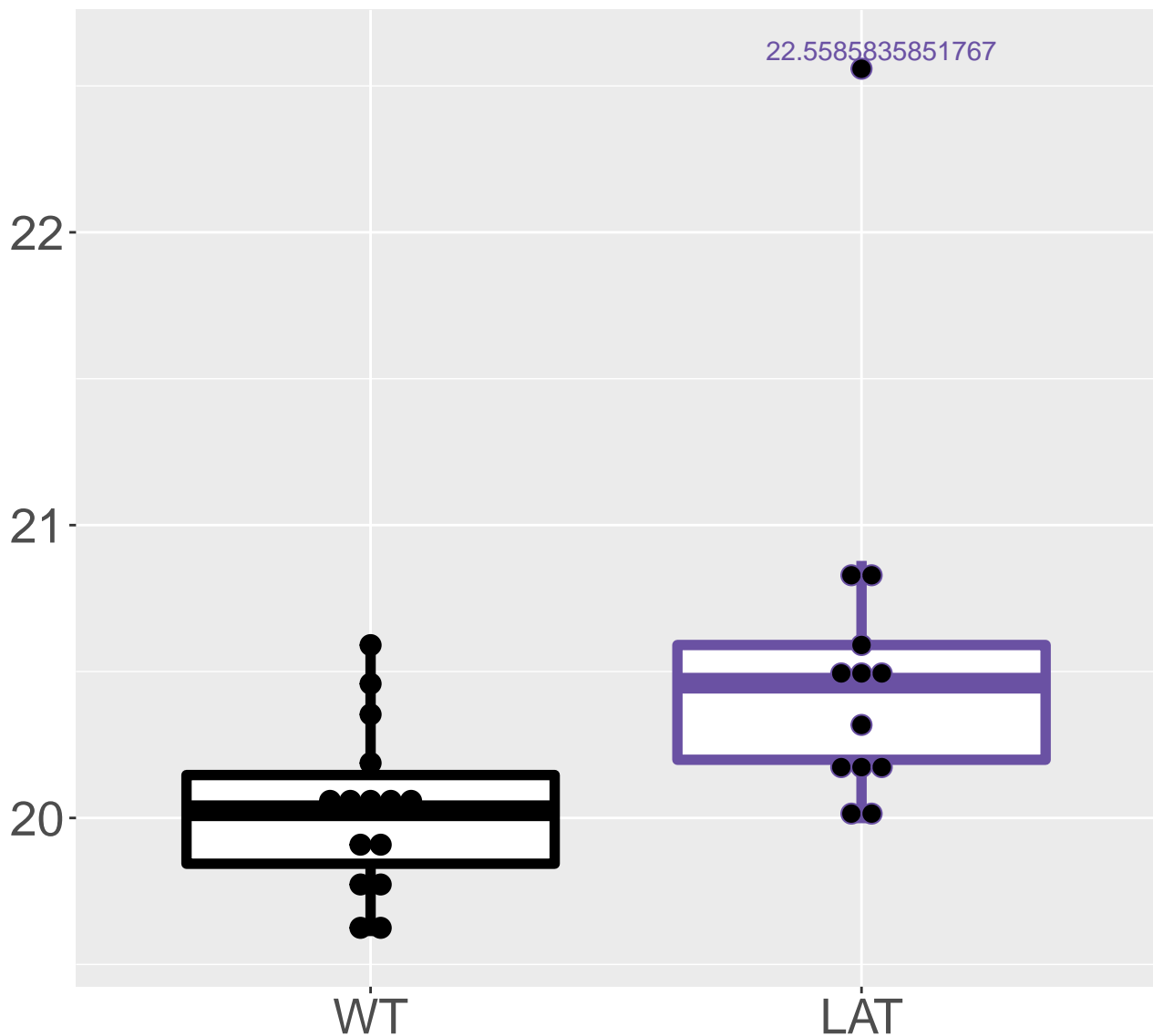


M638.1871T570.67

FDR = 0.047, FC = -0.64

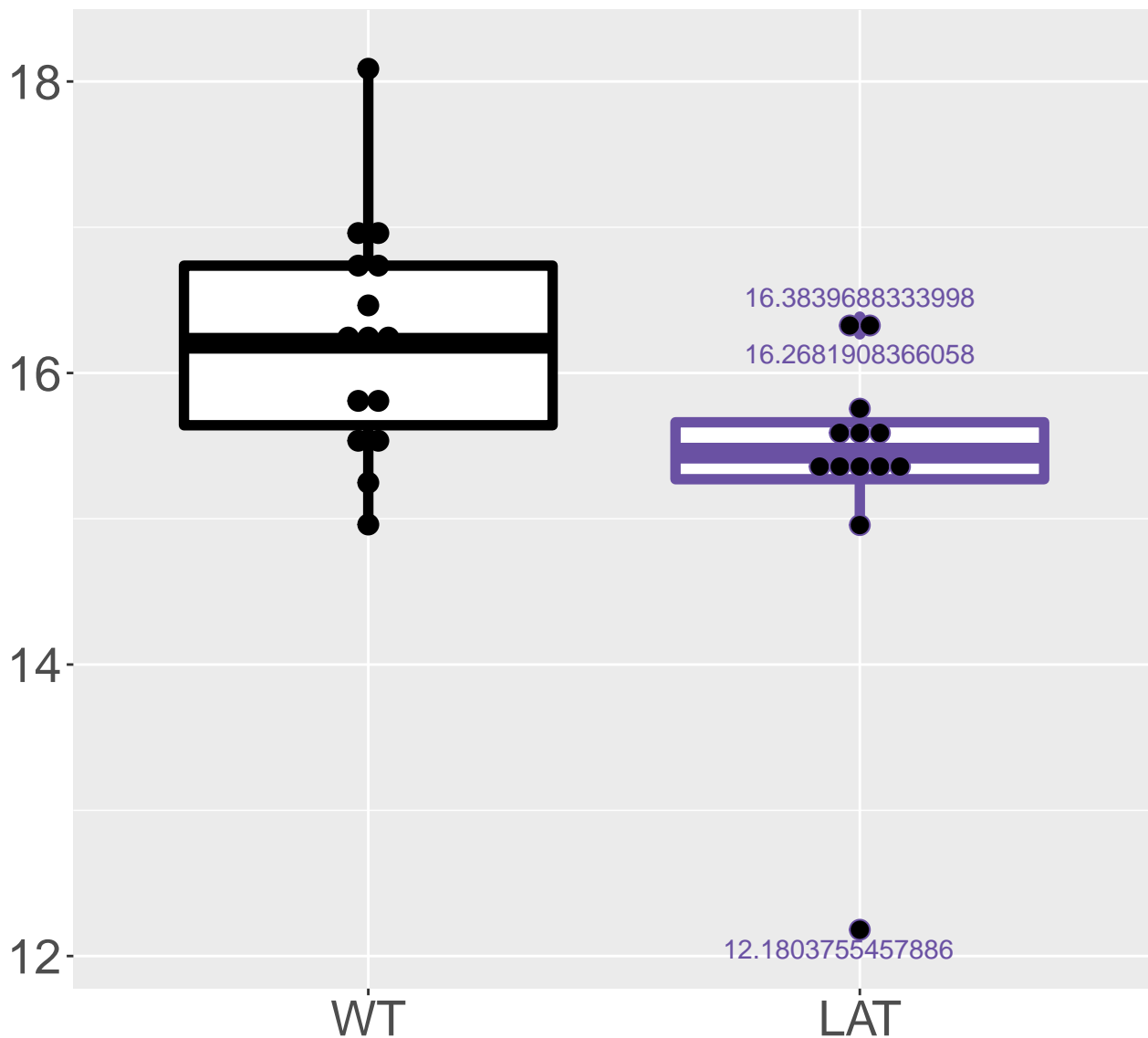


N-Acetyl-L-aspartic acid;N-Acetylaspartic acid
FDR = 0.047, FC = 0.52



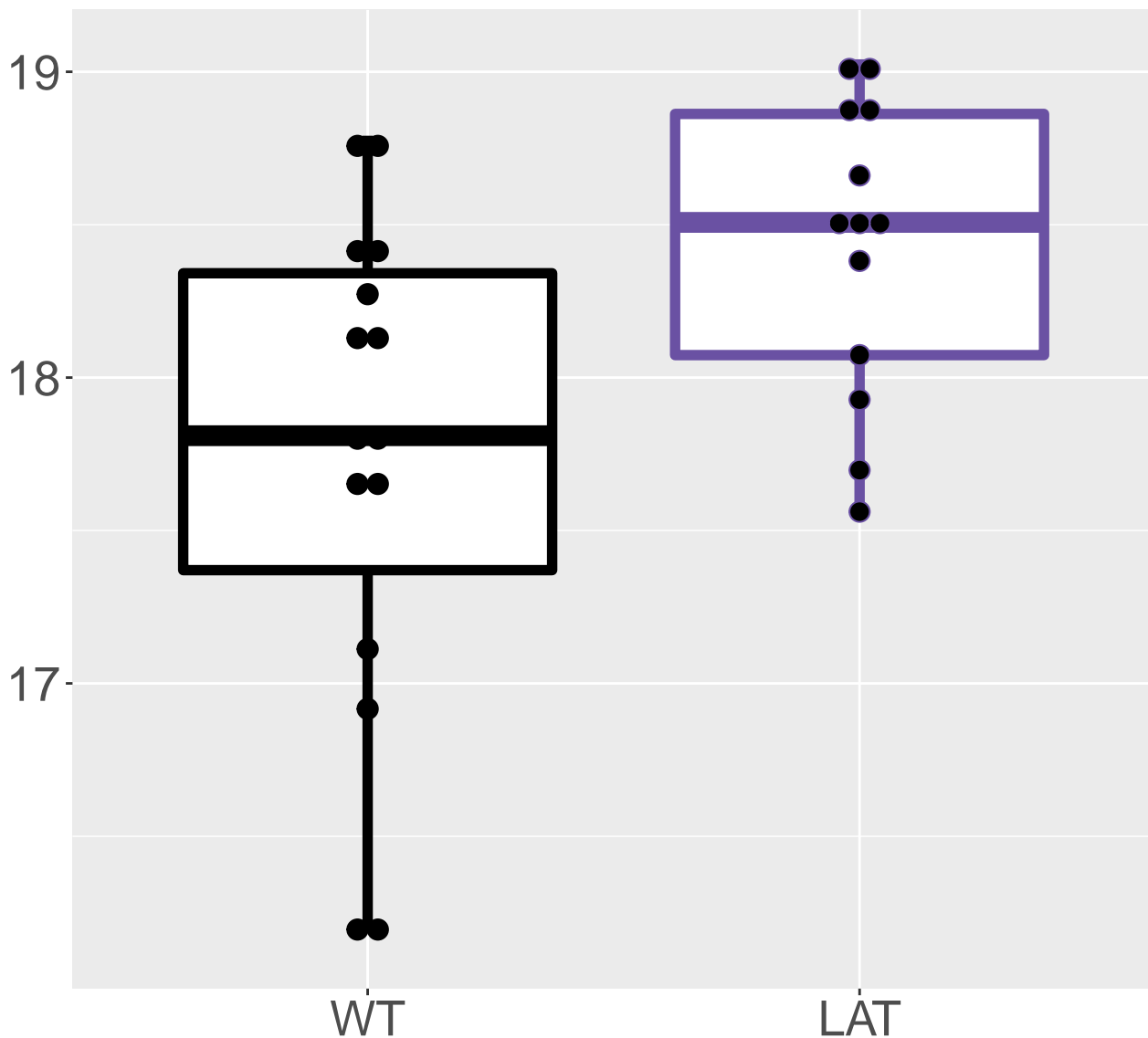
M184.0615T209.84

FDR = 0.047, FC = -0.93



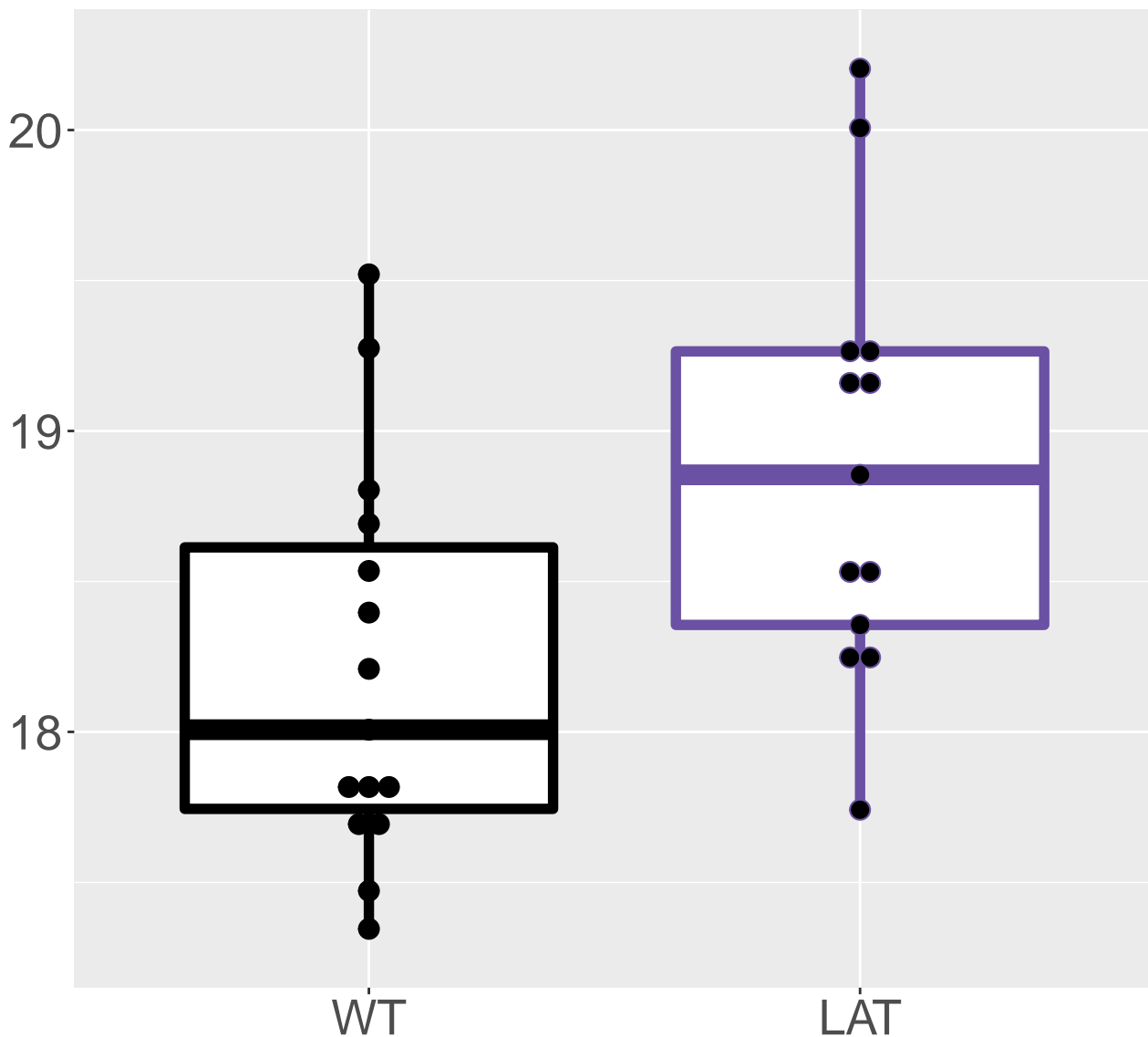
M487.1008T545.96

FDR = 0.048, FC = 0.68



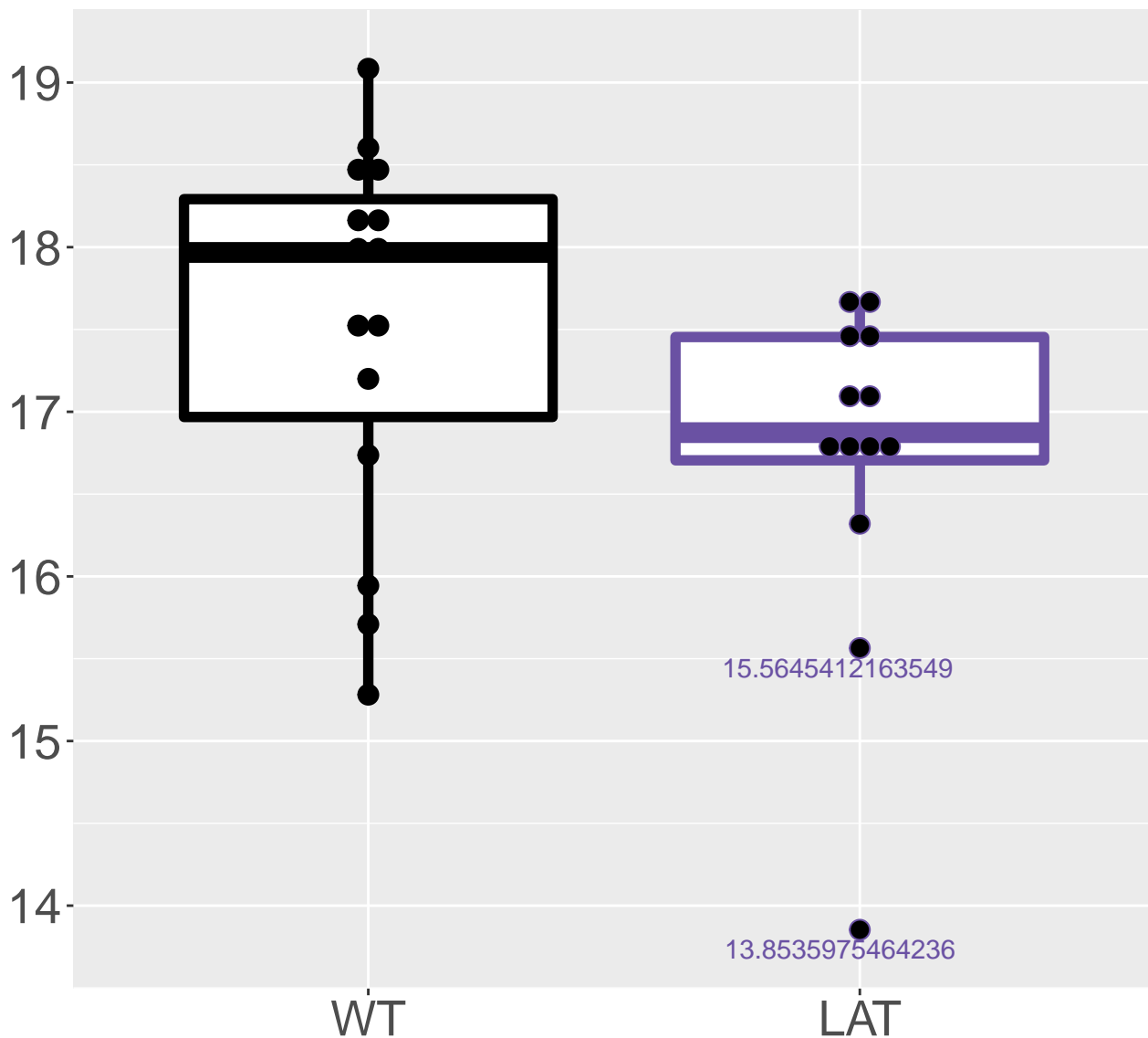
M133.9919T149.75

FDR = 0.048, FC = 0.68

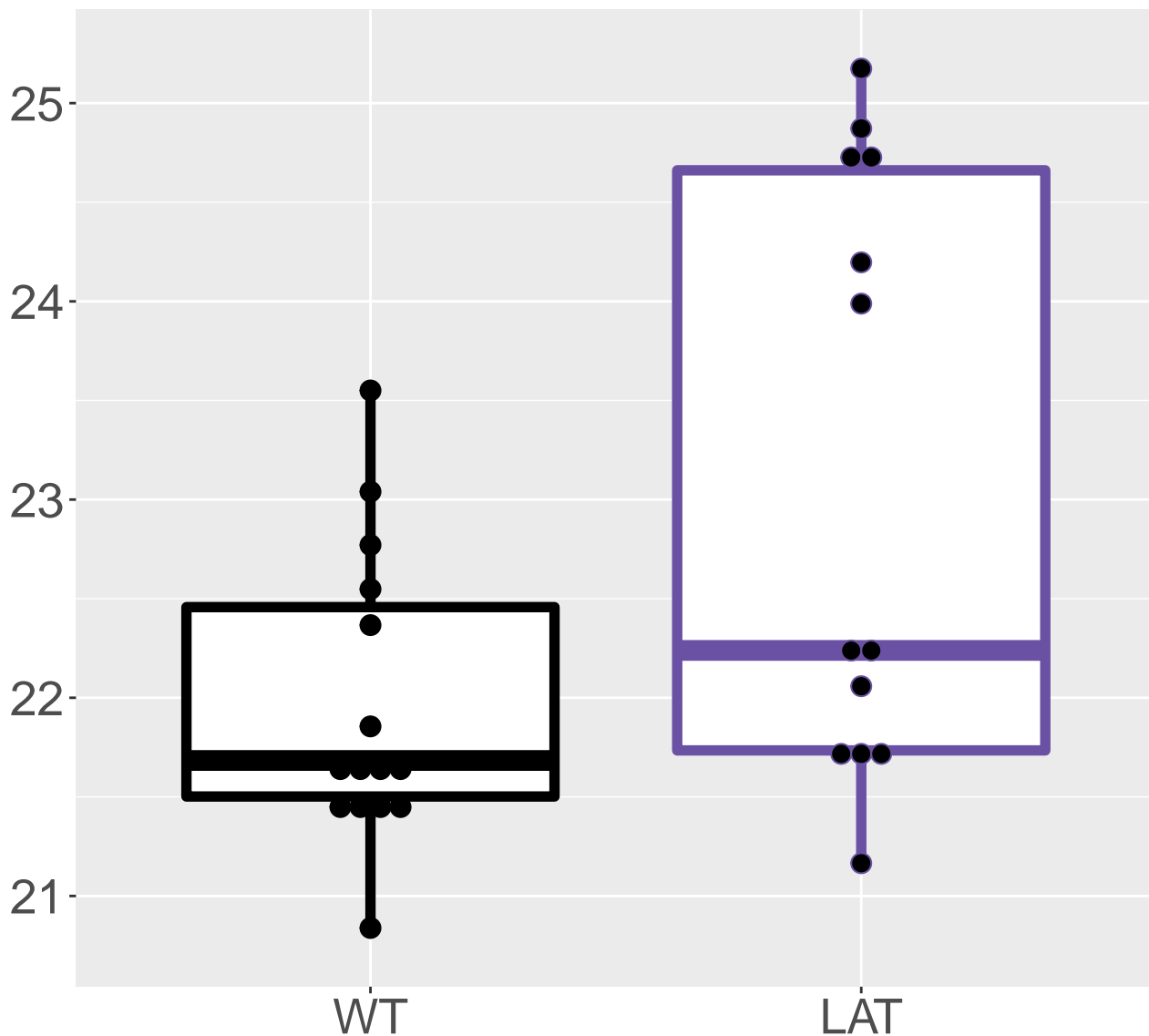


M507.4419T78.77

FDR = 0.048, FC = -0.8, sex*

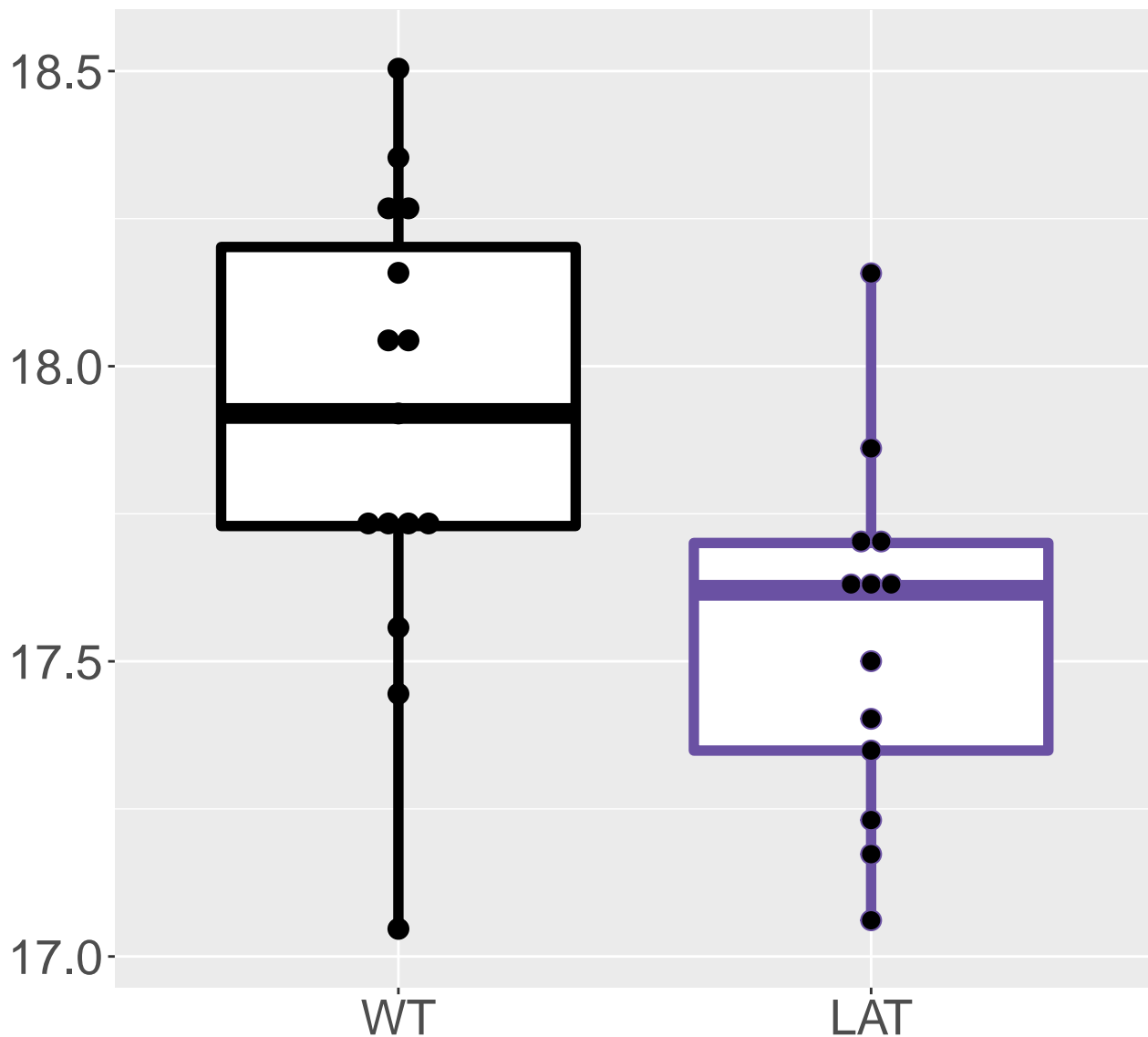


Citric acid|Isocitric acid
FDR = 0.048, FC = 1.2



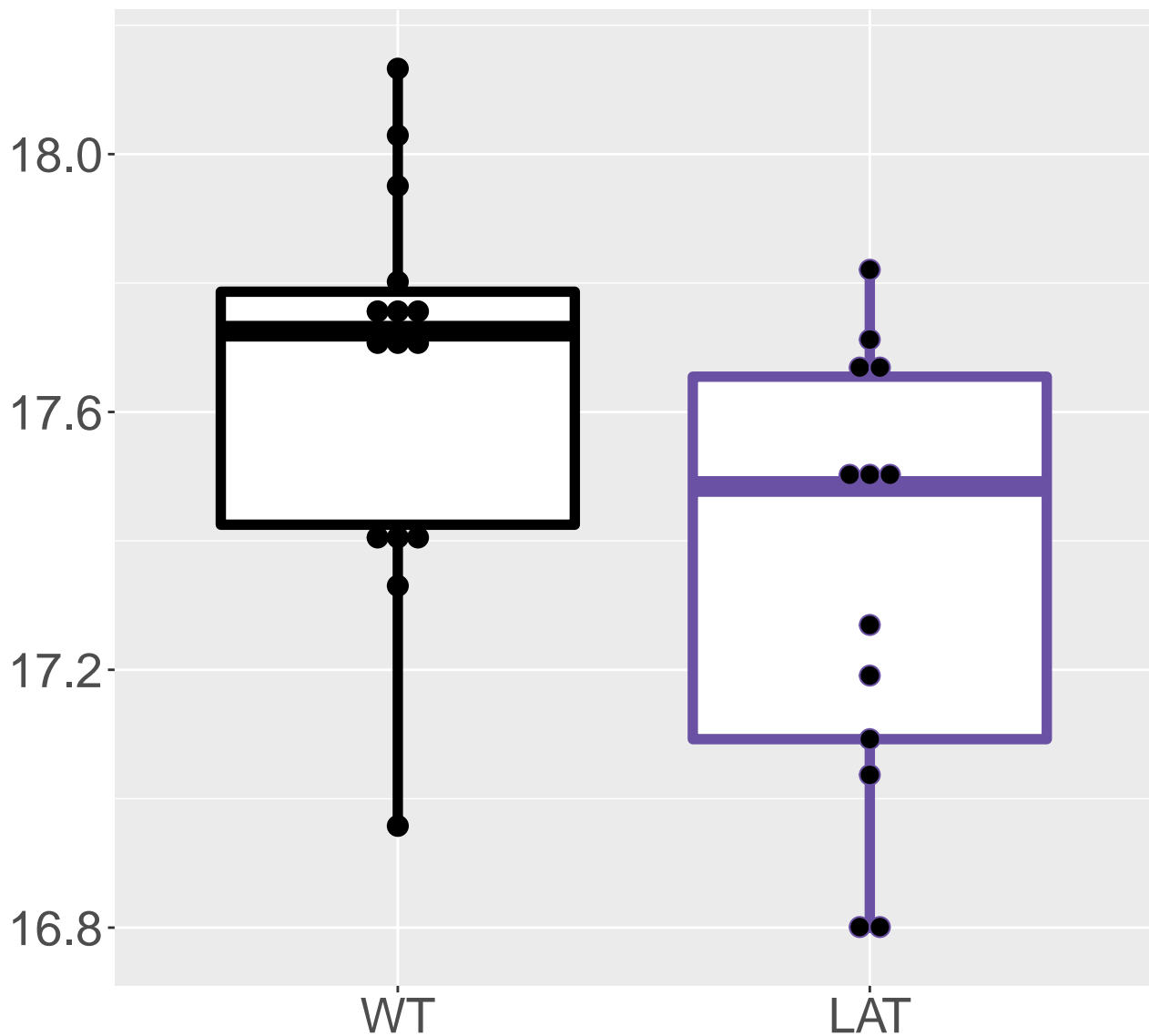
M292.0362T407.11

FDR = 0.048, FC = -0.36



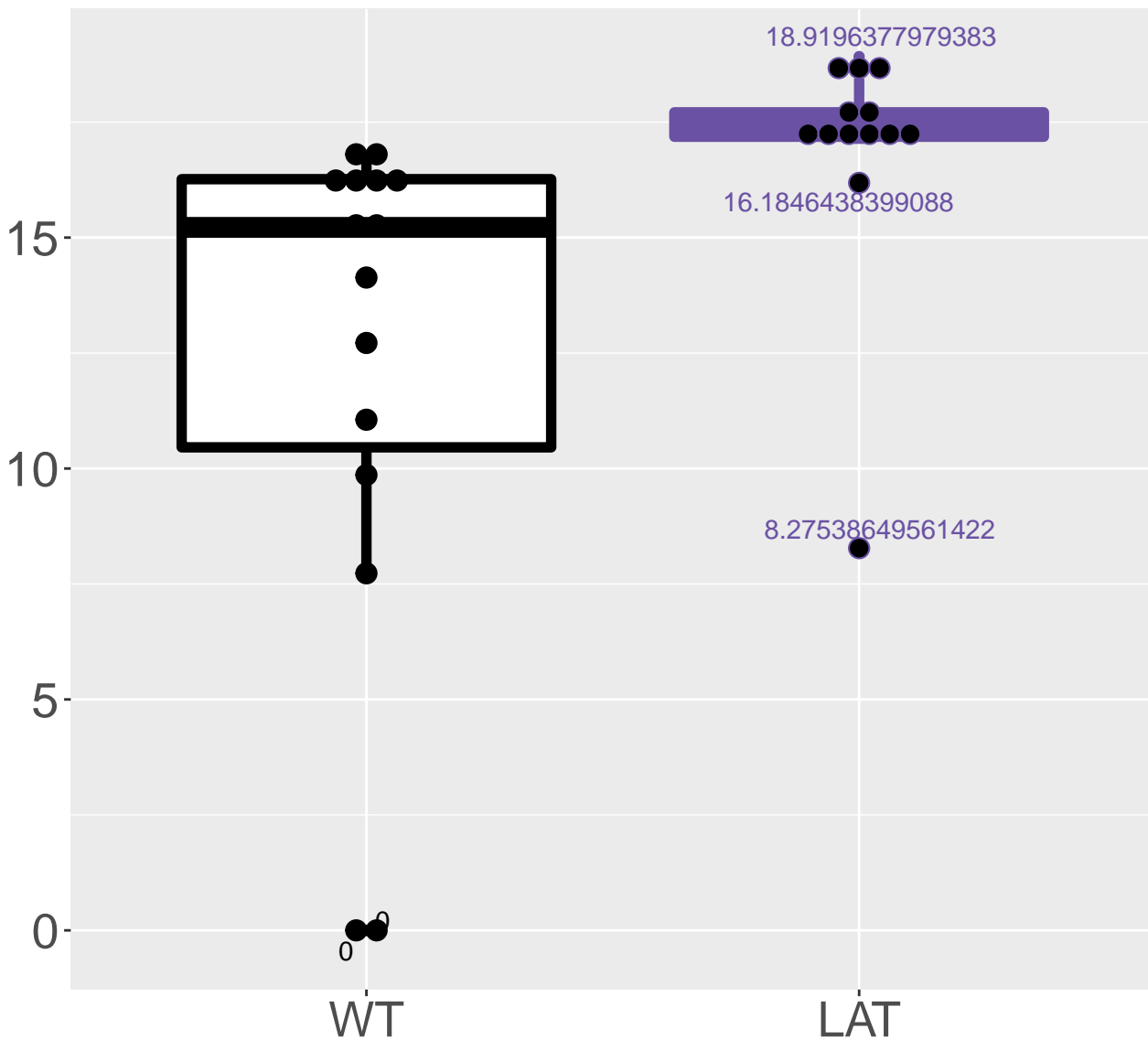
M325.2391T78.41

FDR = 0.048, FC = -0.3

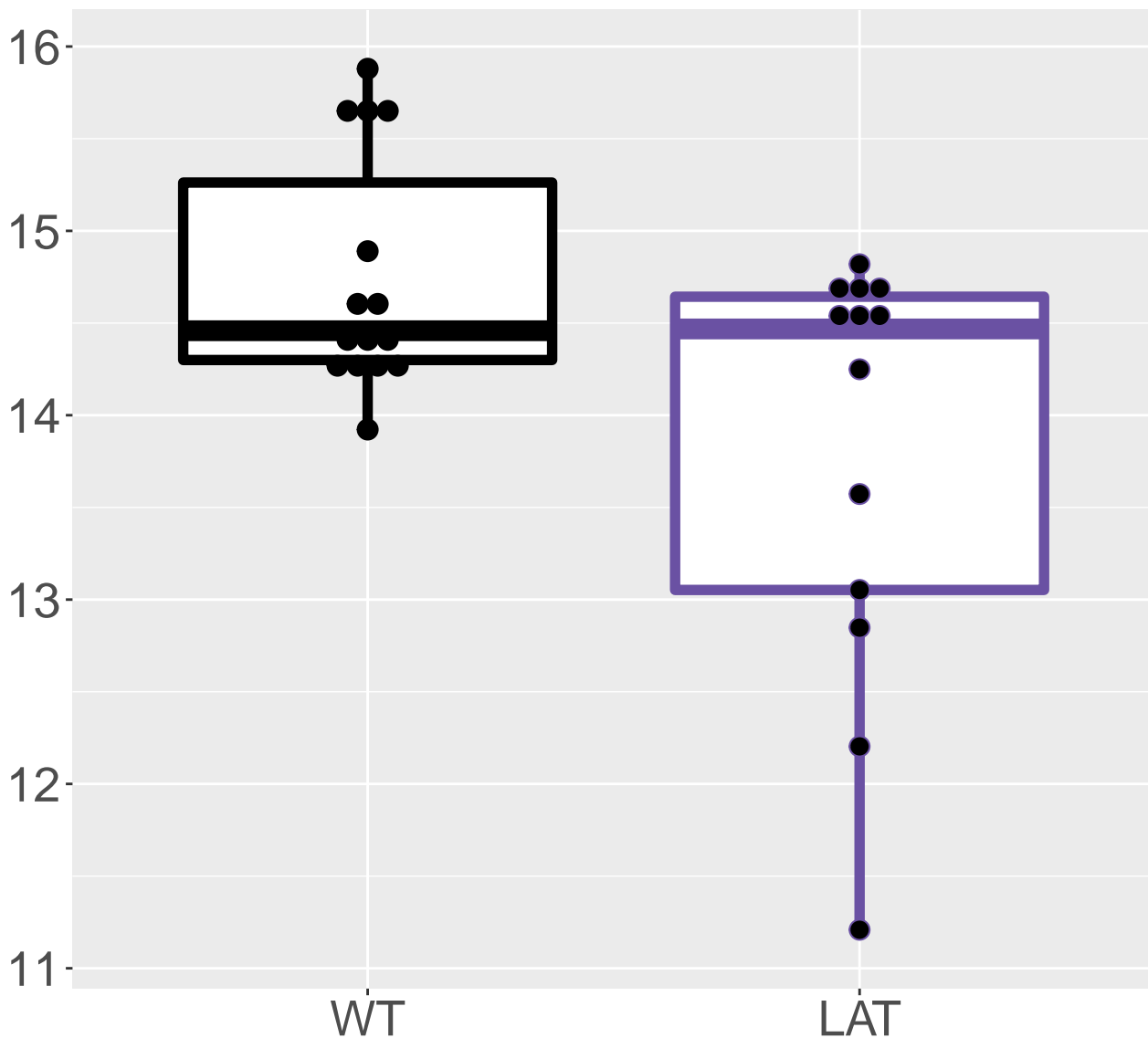


M128.0103T363.49

FDR = 0.049, FC = 4.6

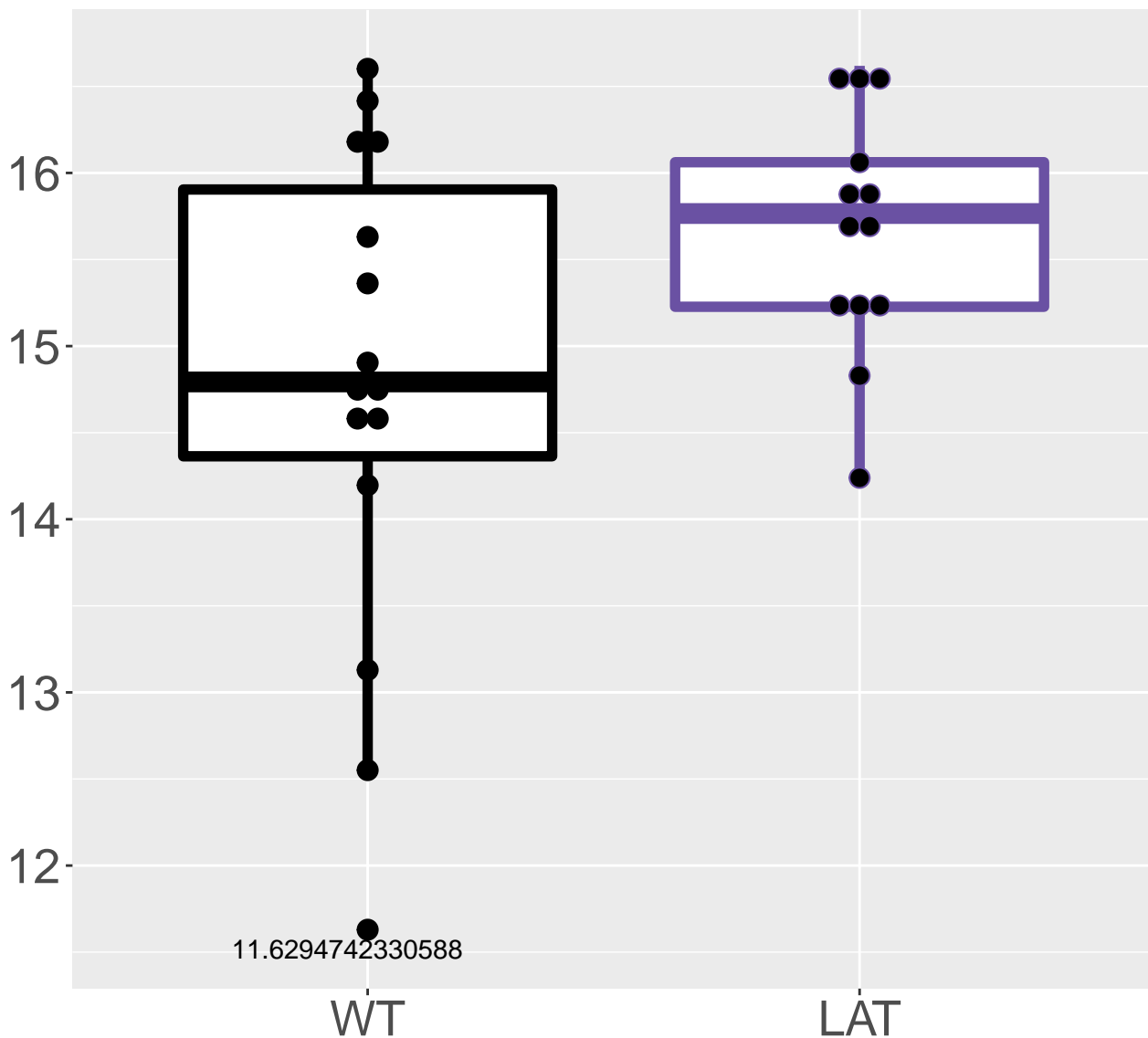


M228.0283T397.45_1
FDR = 0.049, FC = -0.93



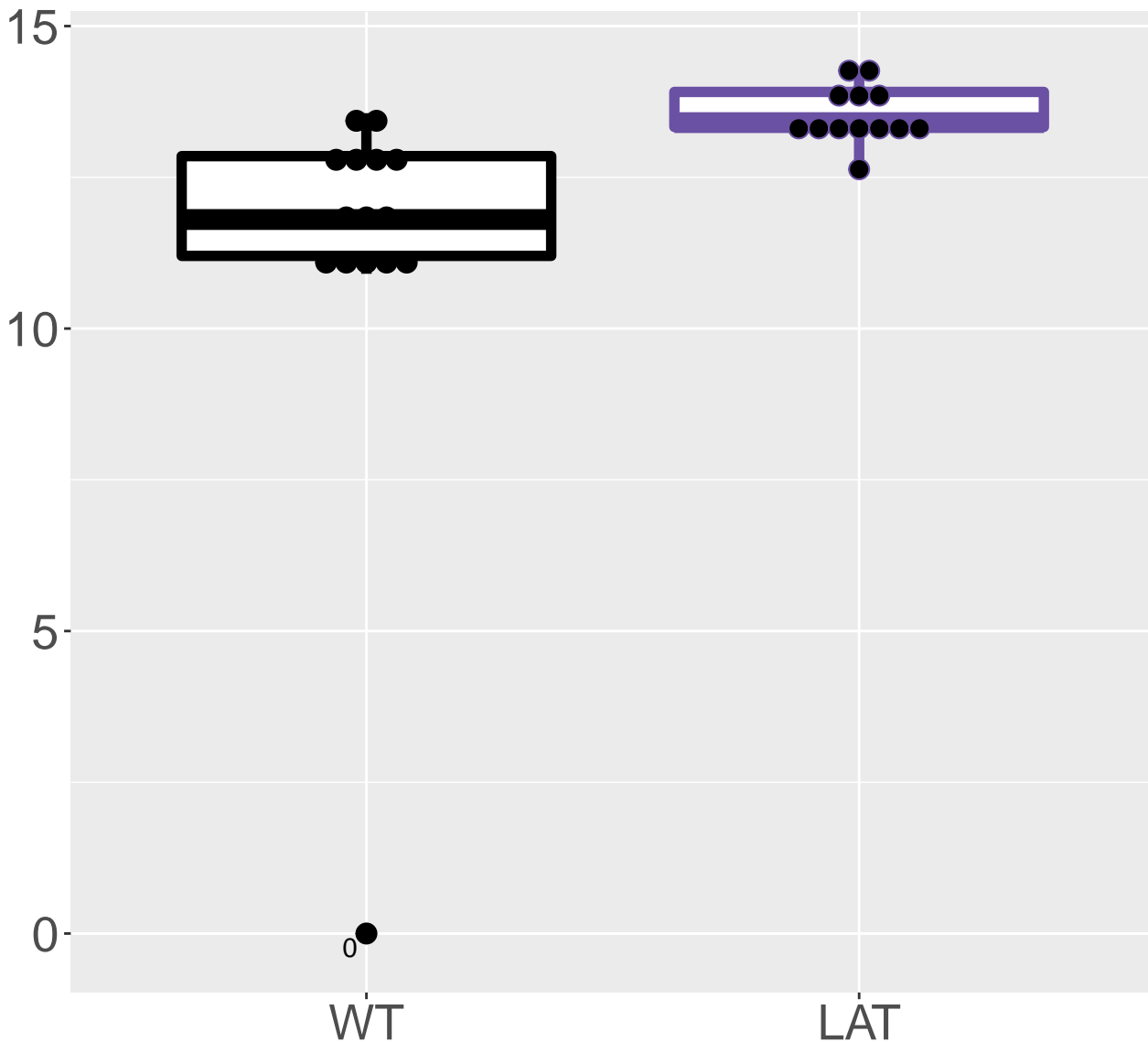
M530.2796T131.83

FDR = 0.049, FC = 0.9, sex*



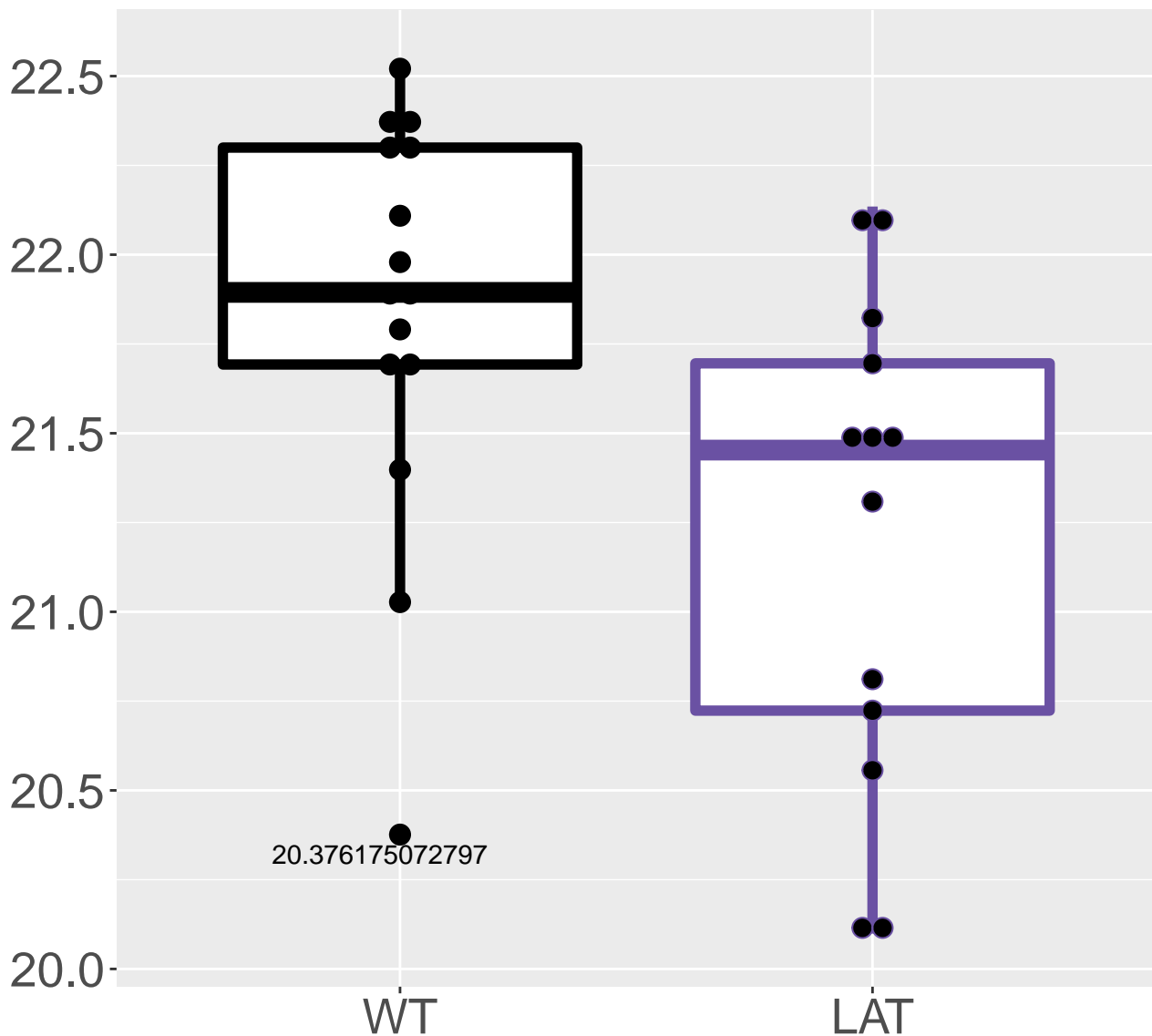
M974.3493T667.48

FDR = 0.049, FC = 2.3



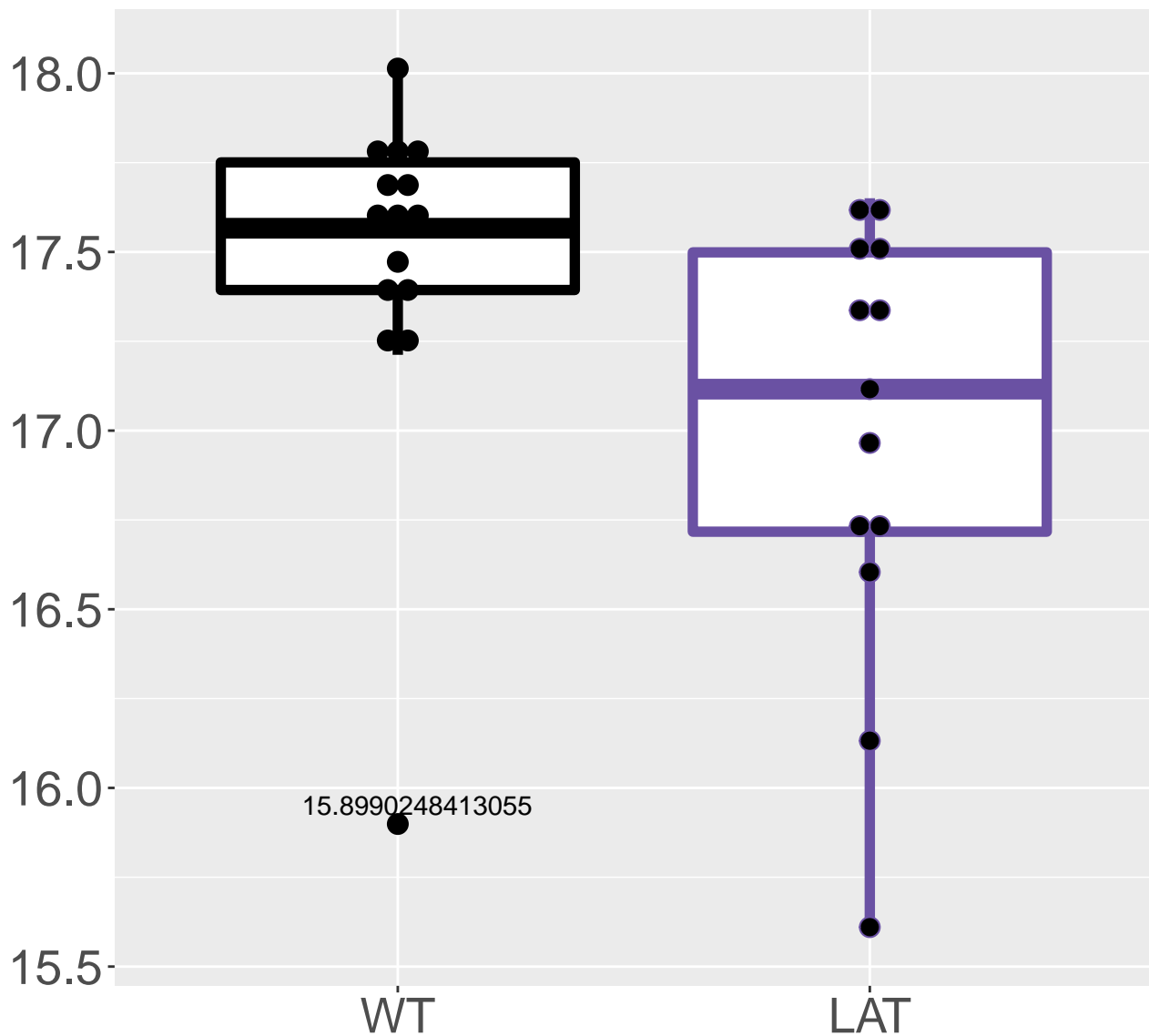
M278.1248T333.97

FDR = 0.049, FC = -0.63



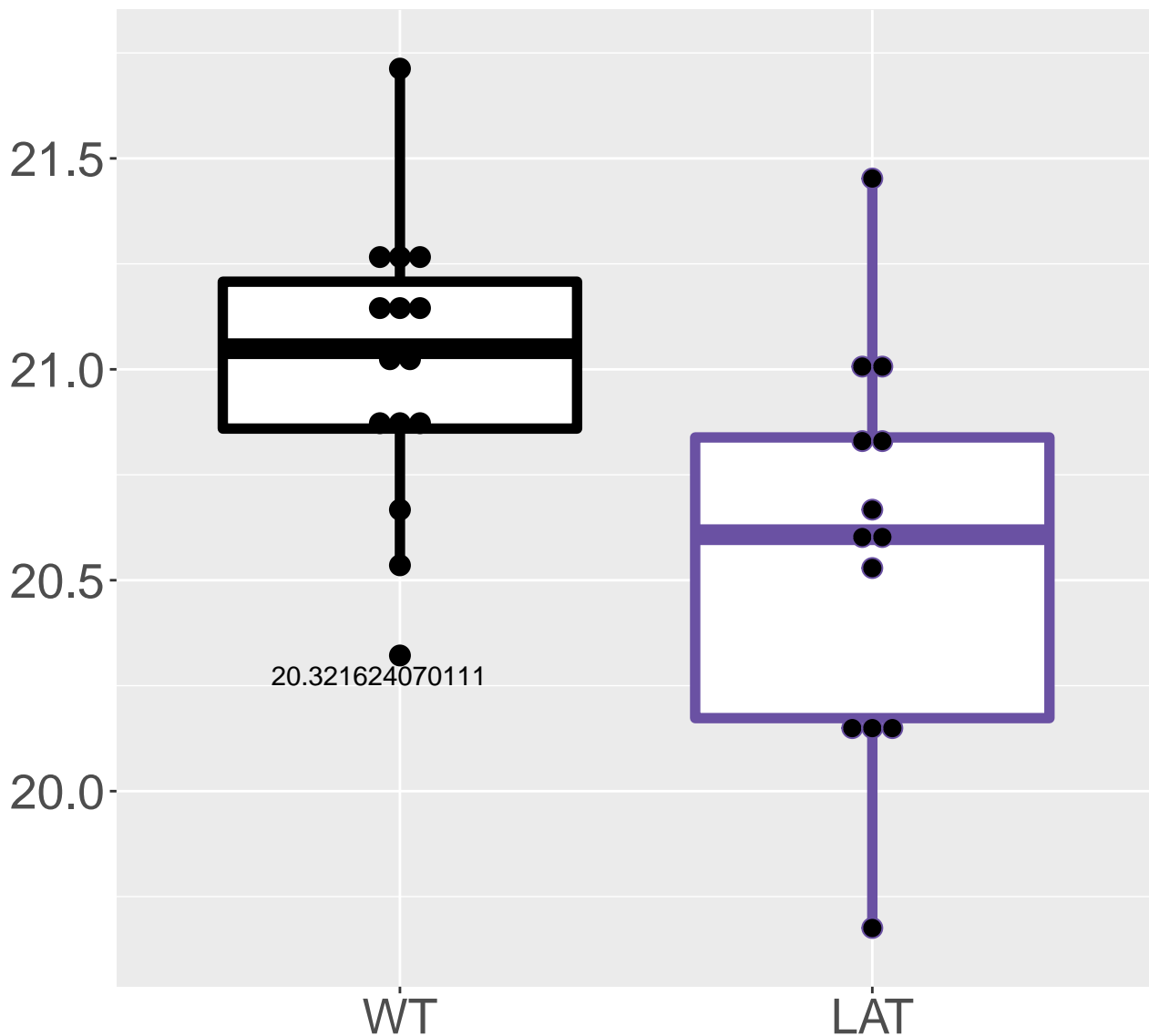
M467.1346T418.63

FDR = 0.049, FC = -0.49



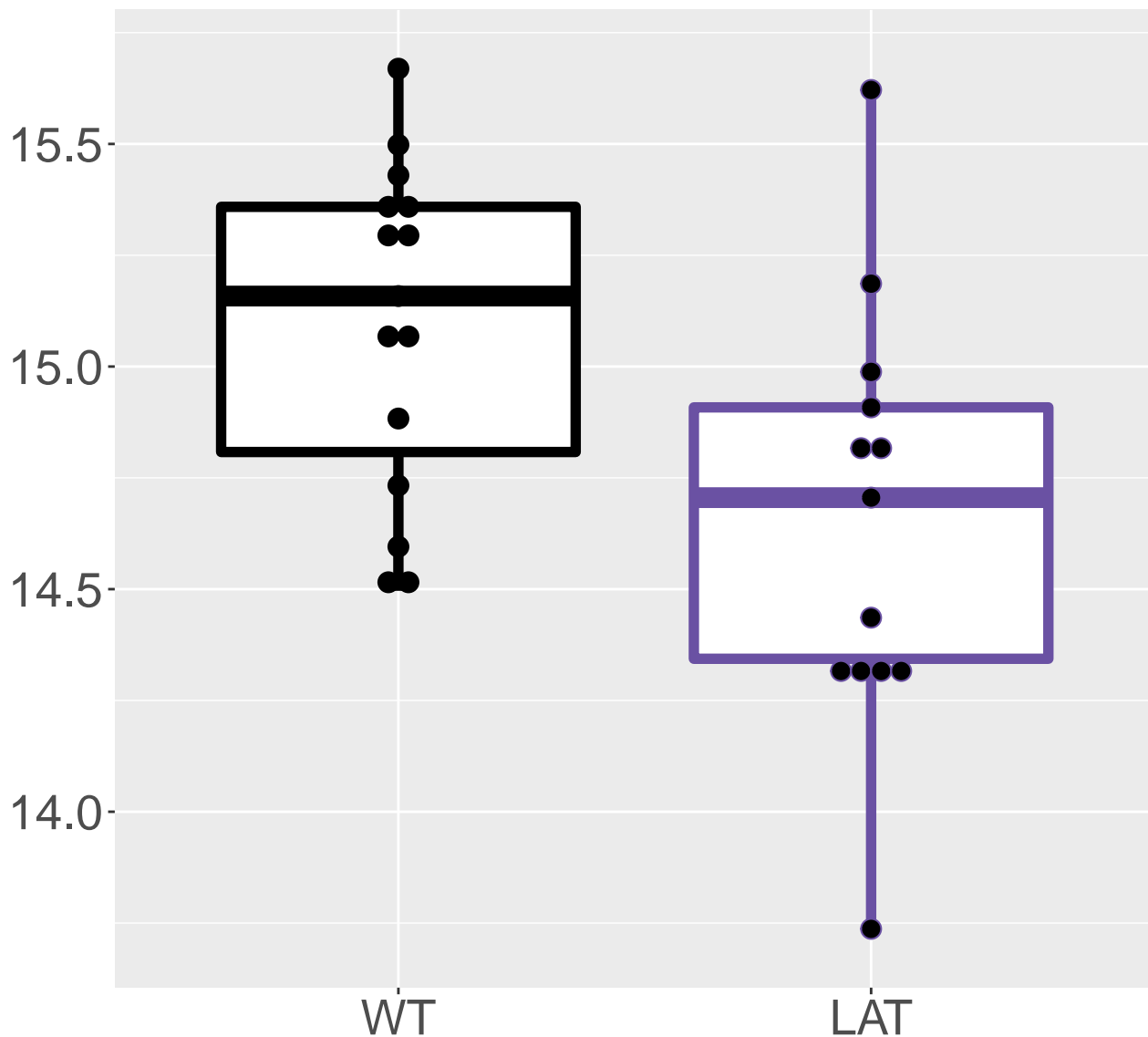
M148.0616T309.39

FDR = 0.049, FC = -0.42



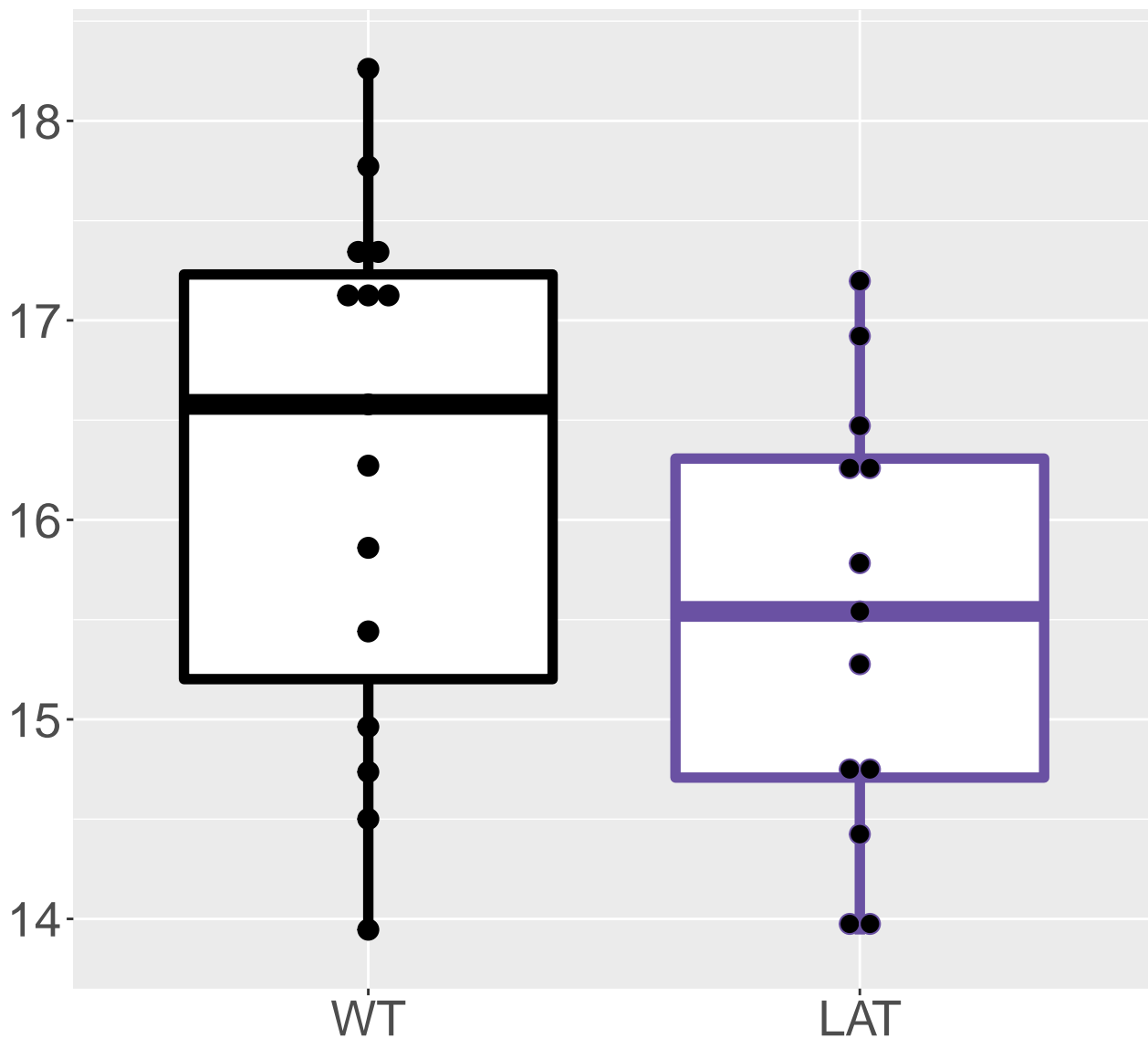
M202.998T402.45

FDR = 0.049, FC = -0.44

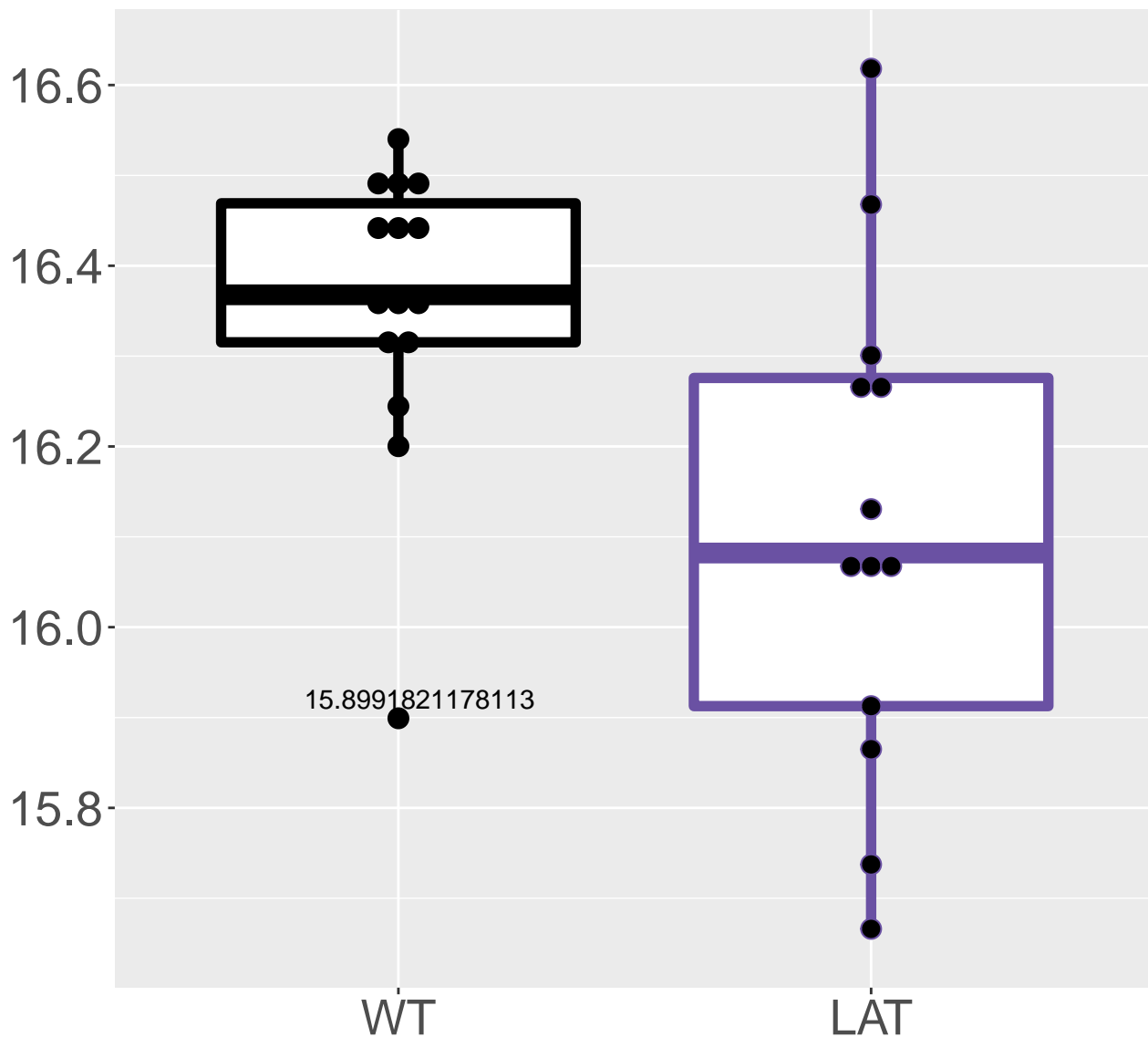


M376.1366T322.49

FDR = 0.049, FC = -0.79, sex**



M293.928T551.07
FDR = 0.05, FC = -0.25



M538.4927T78.16

FDR = 0.05, FC = -0.59

