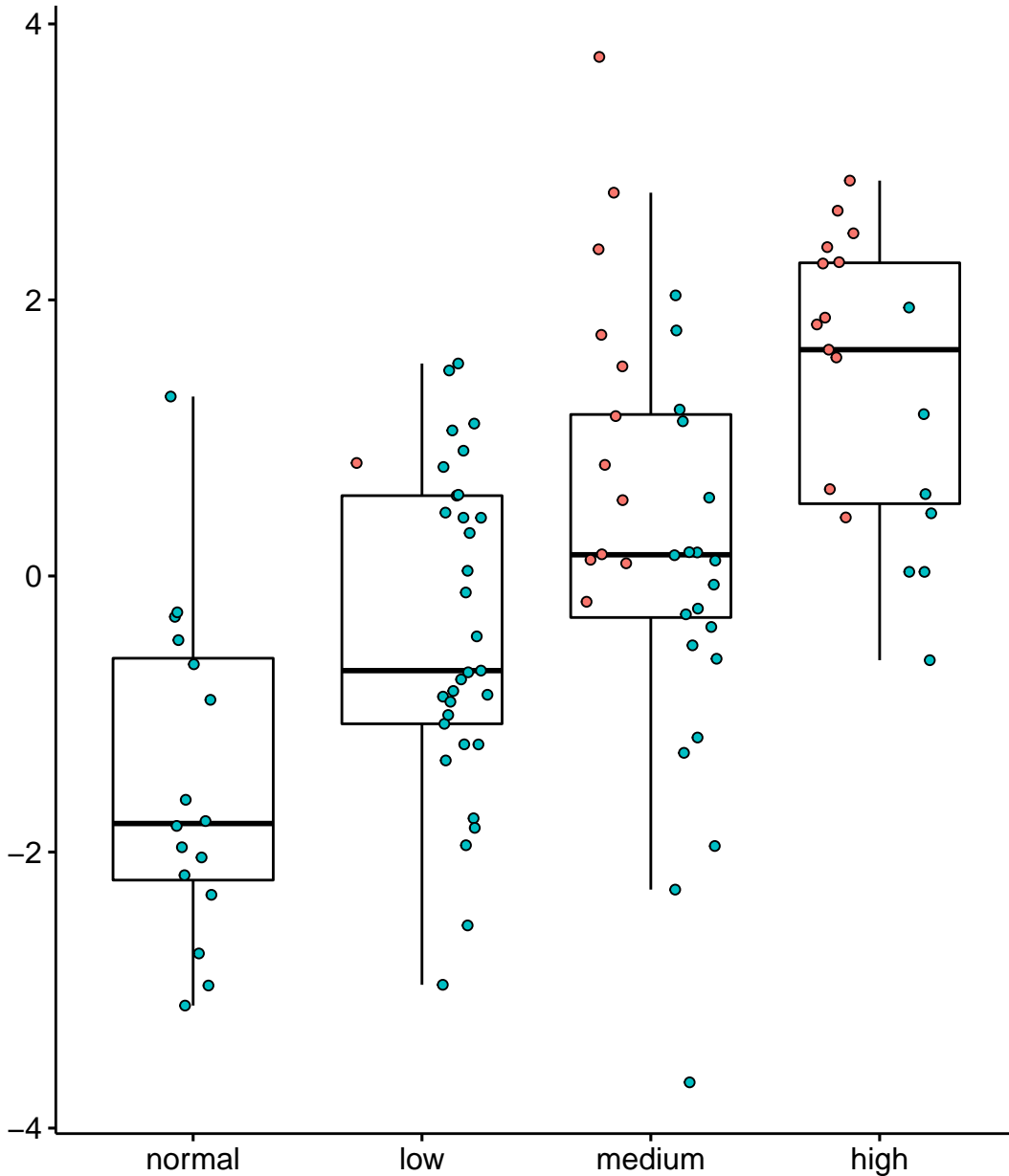


CRP

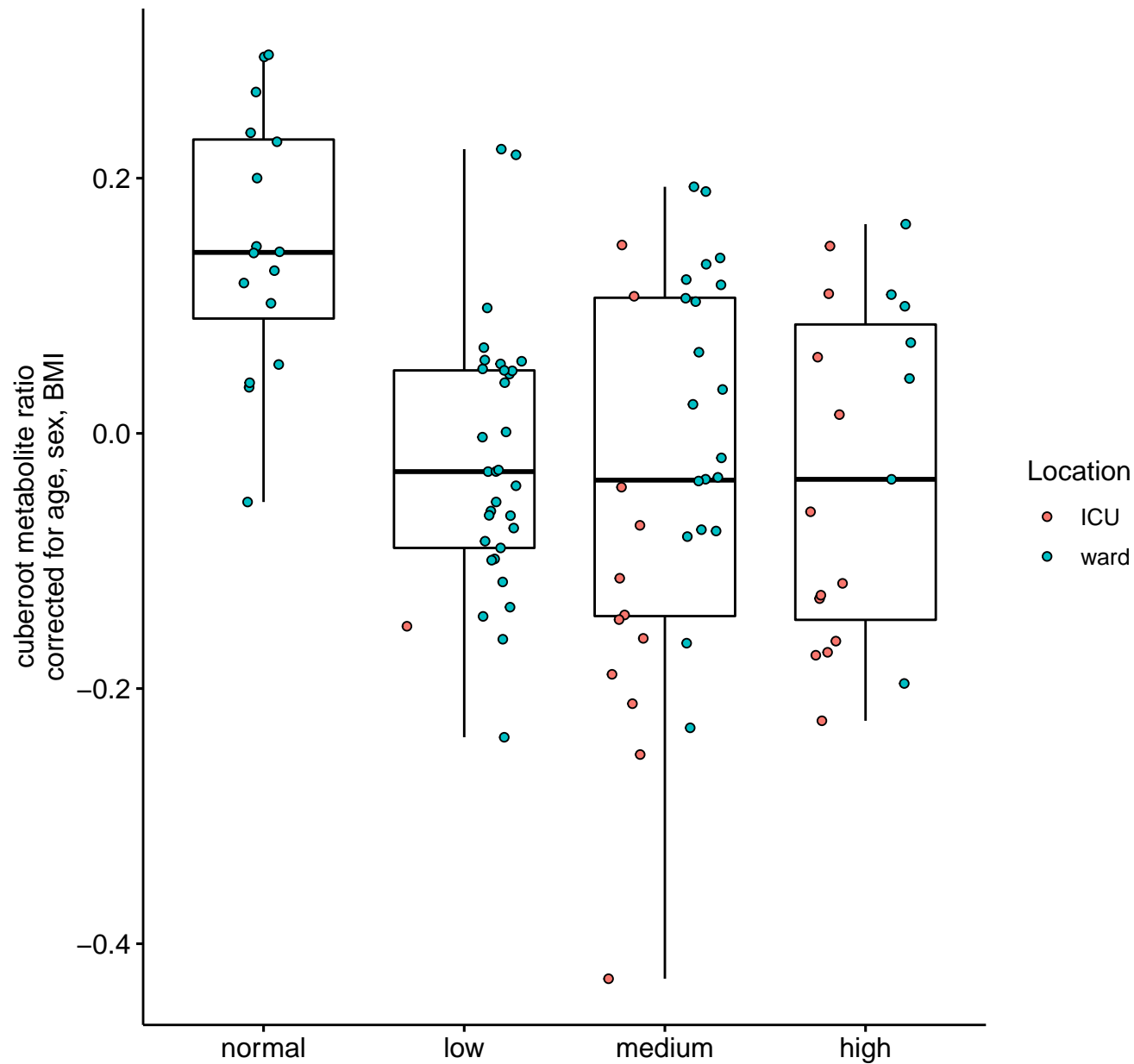
cube root metabolite ratio
corrected for age, sex, BMI



Location

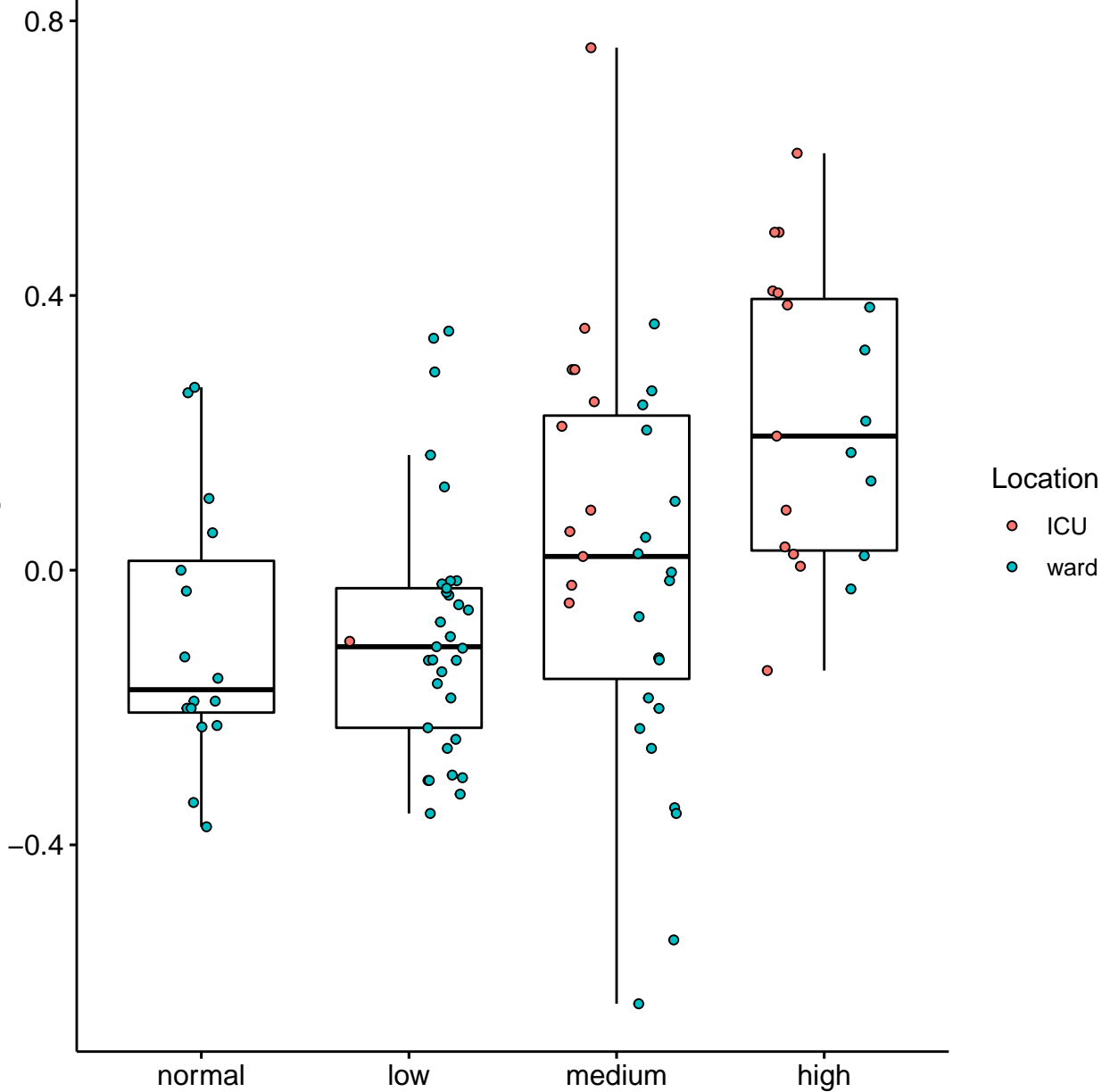
ICU
ward

L.Glutamine_amines

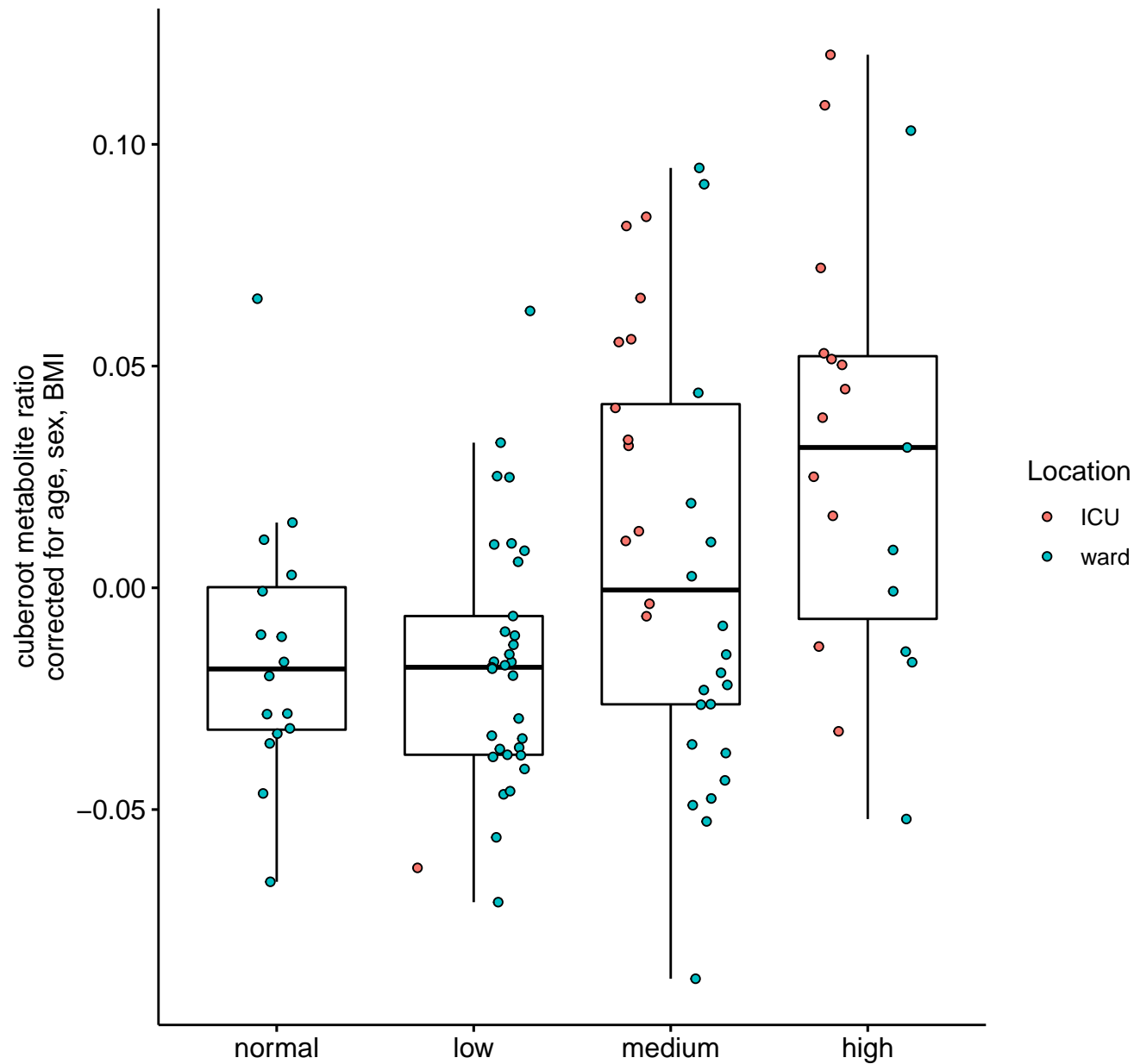


TNF α

cube root metabolite ratio
corrected for age, sex, BMI

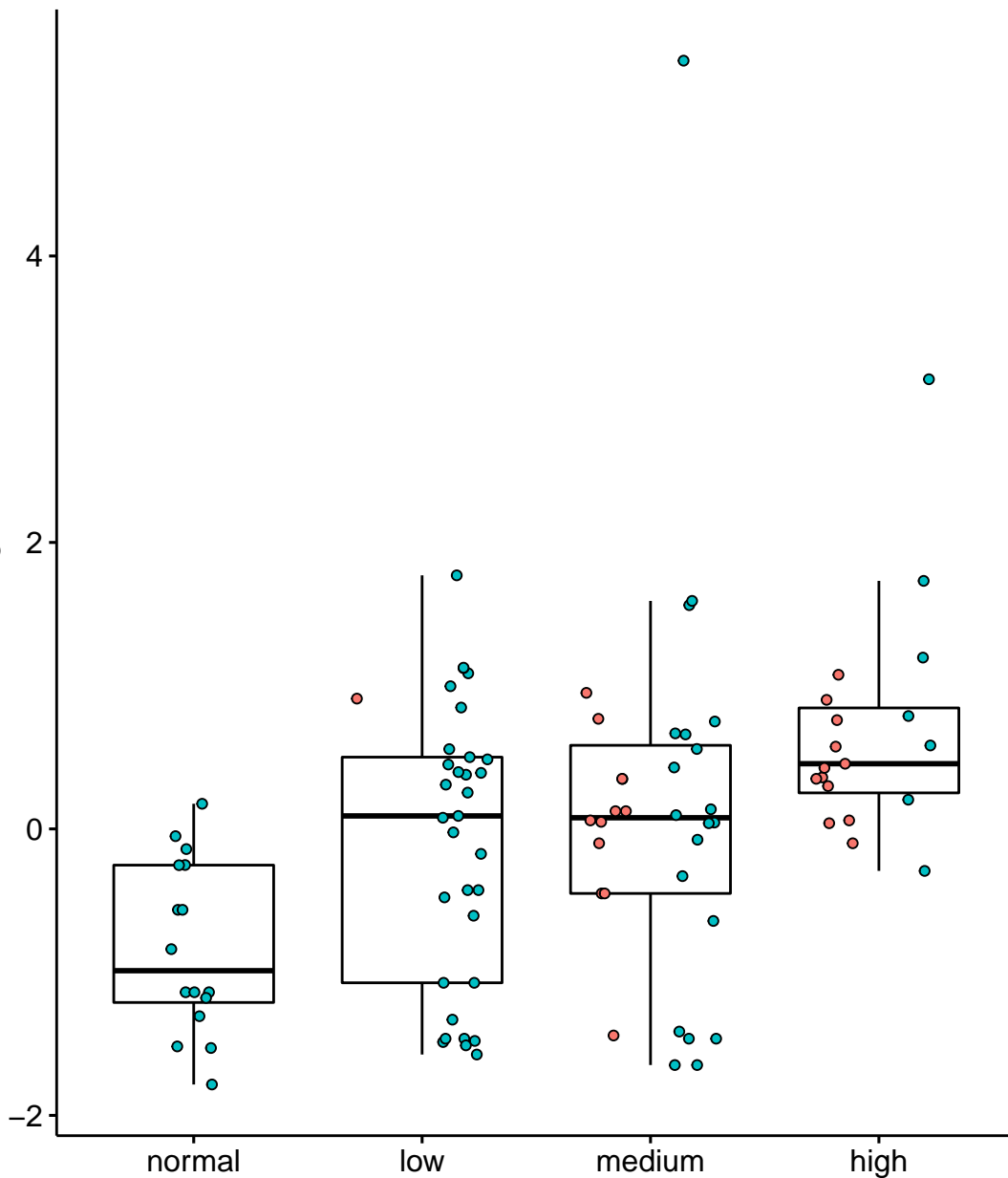


L.2.aminoadipic.acid_amines



IFNG

cube root metabolite ratio
corrected for age, sex, BMI



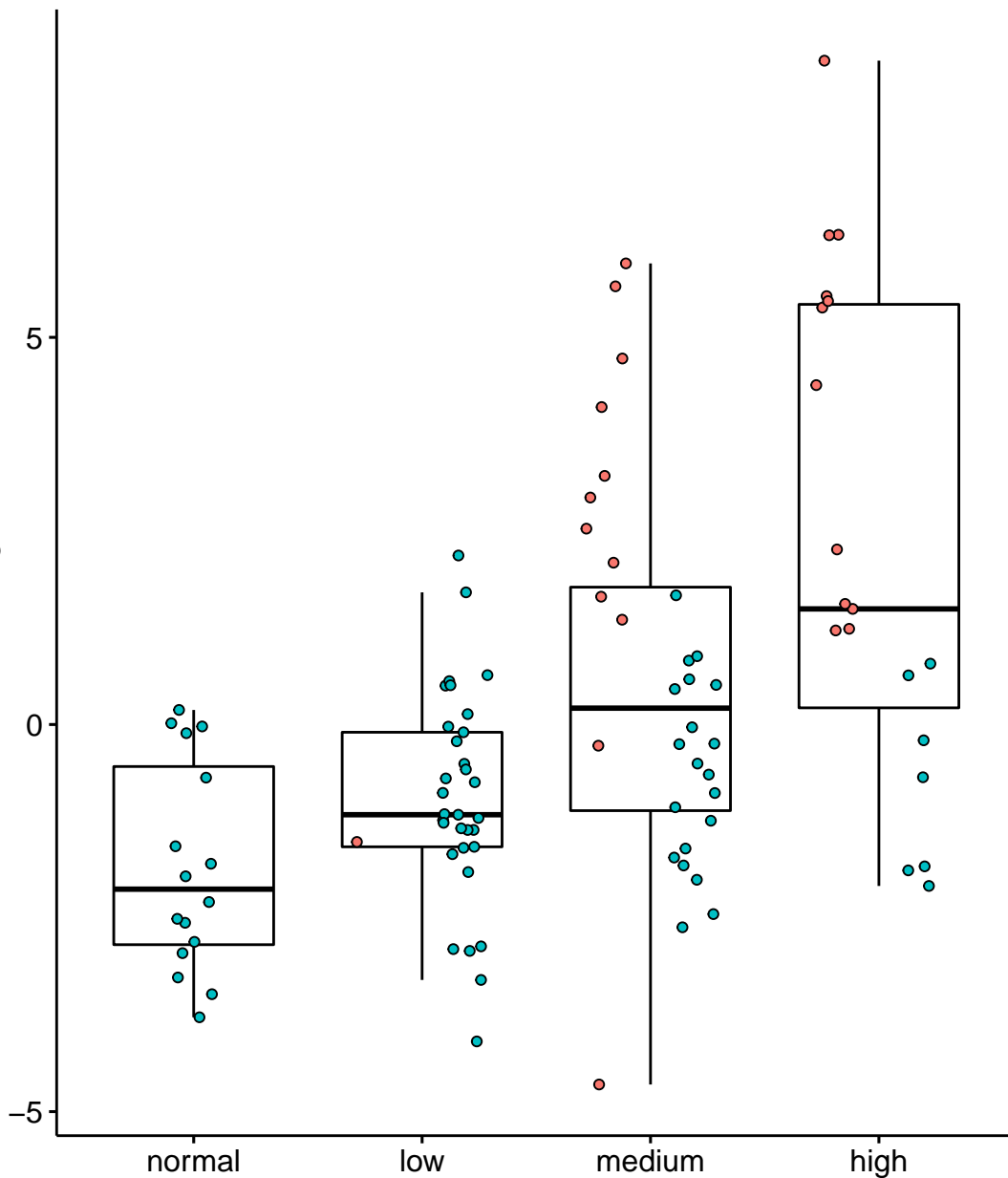
Location

ICU

ward

sHMr

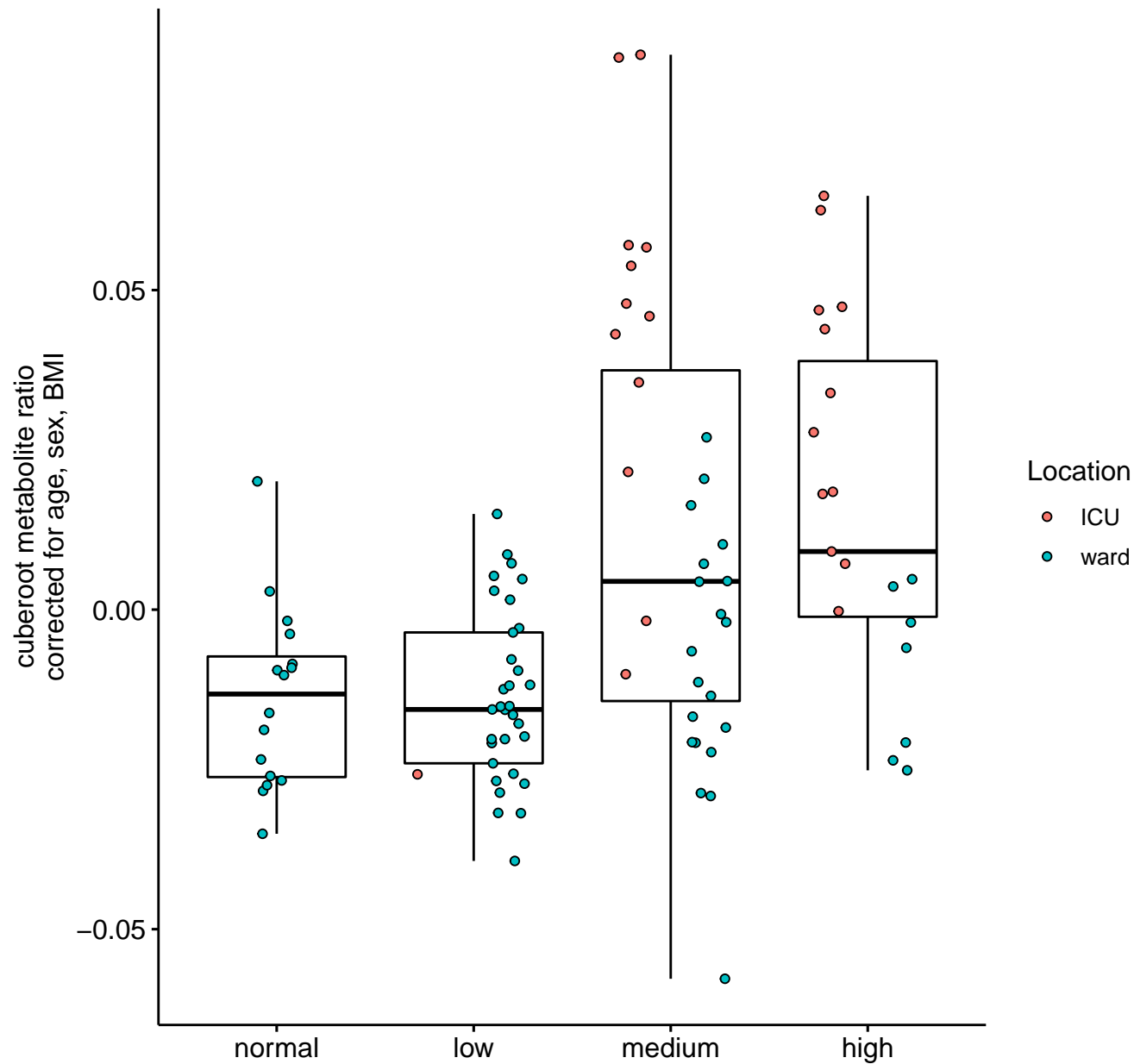
cube root metabolite ratio
corrected for age, sex, BMI



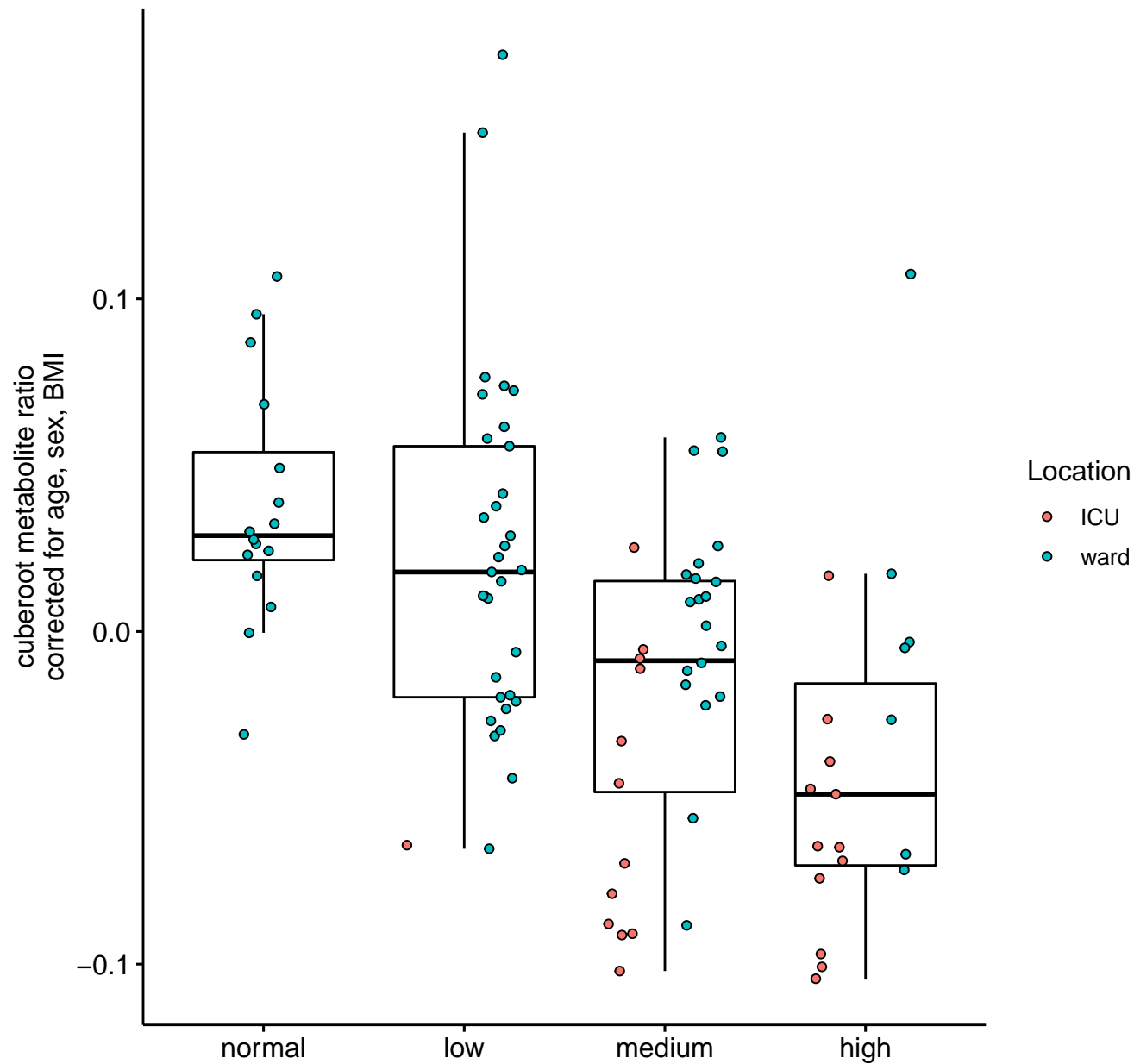
Location

ICU
ward

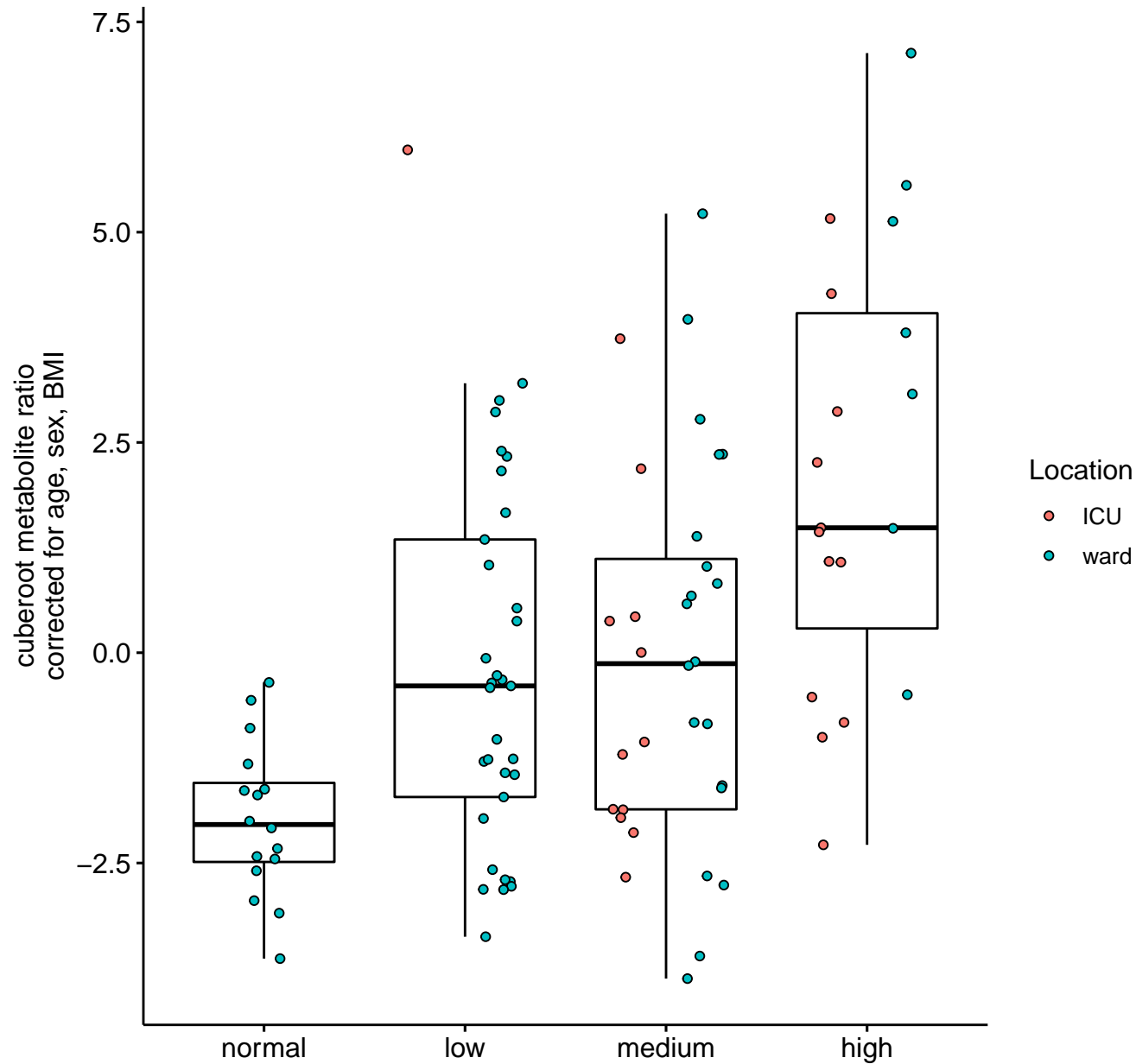
N6.N6.N6.Trimethyl.L.lysine_amines



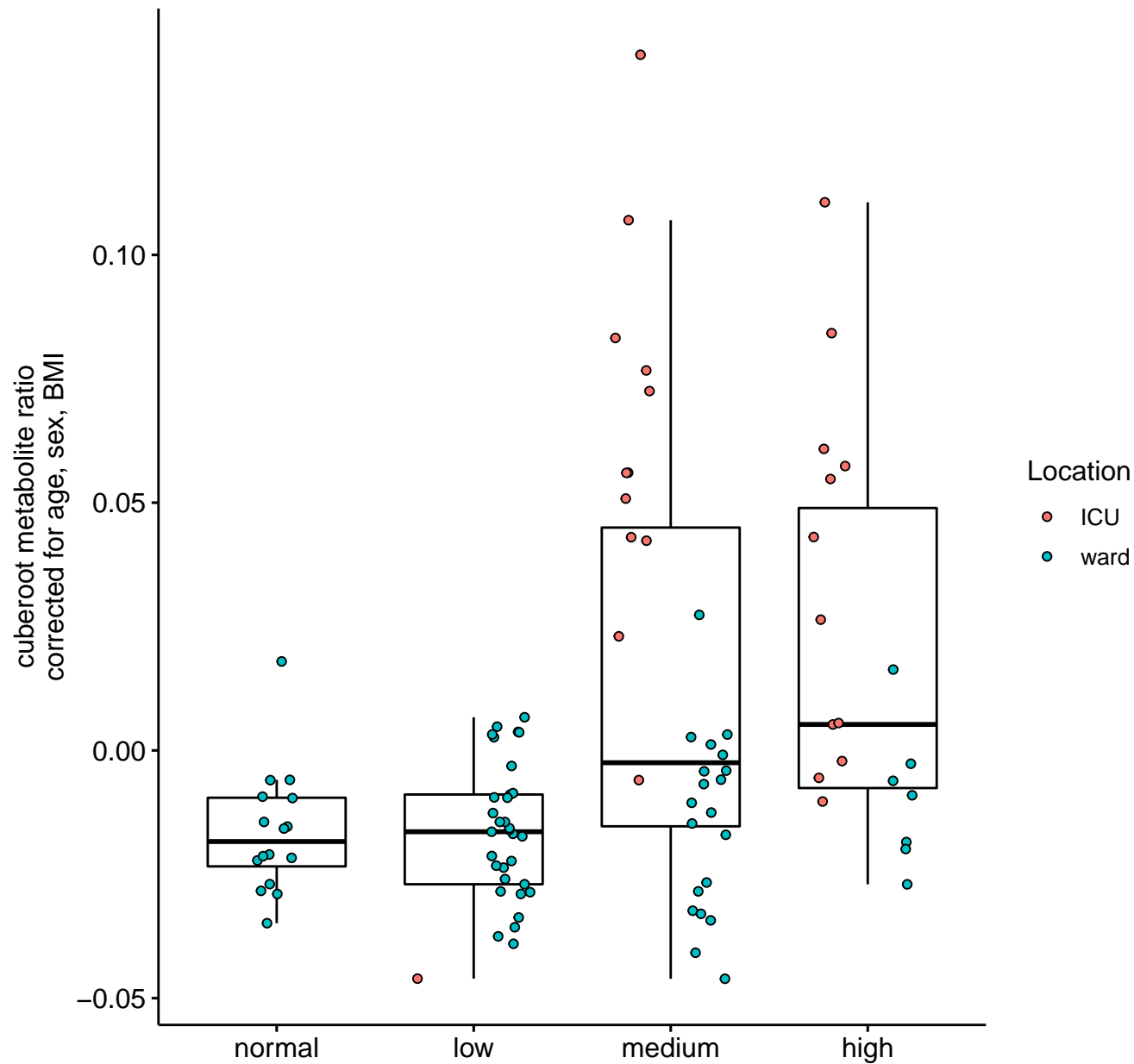
S.Methylcysteine_amines



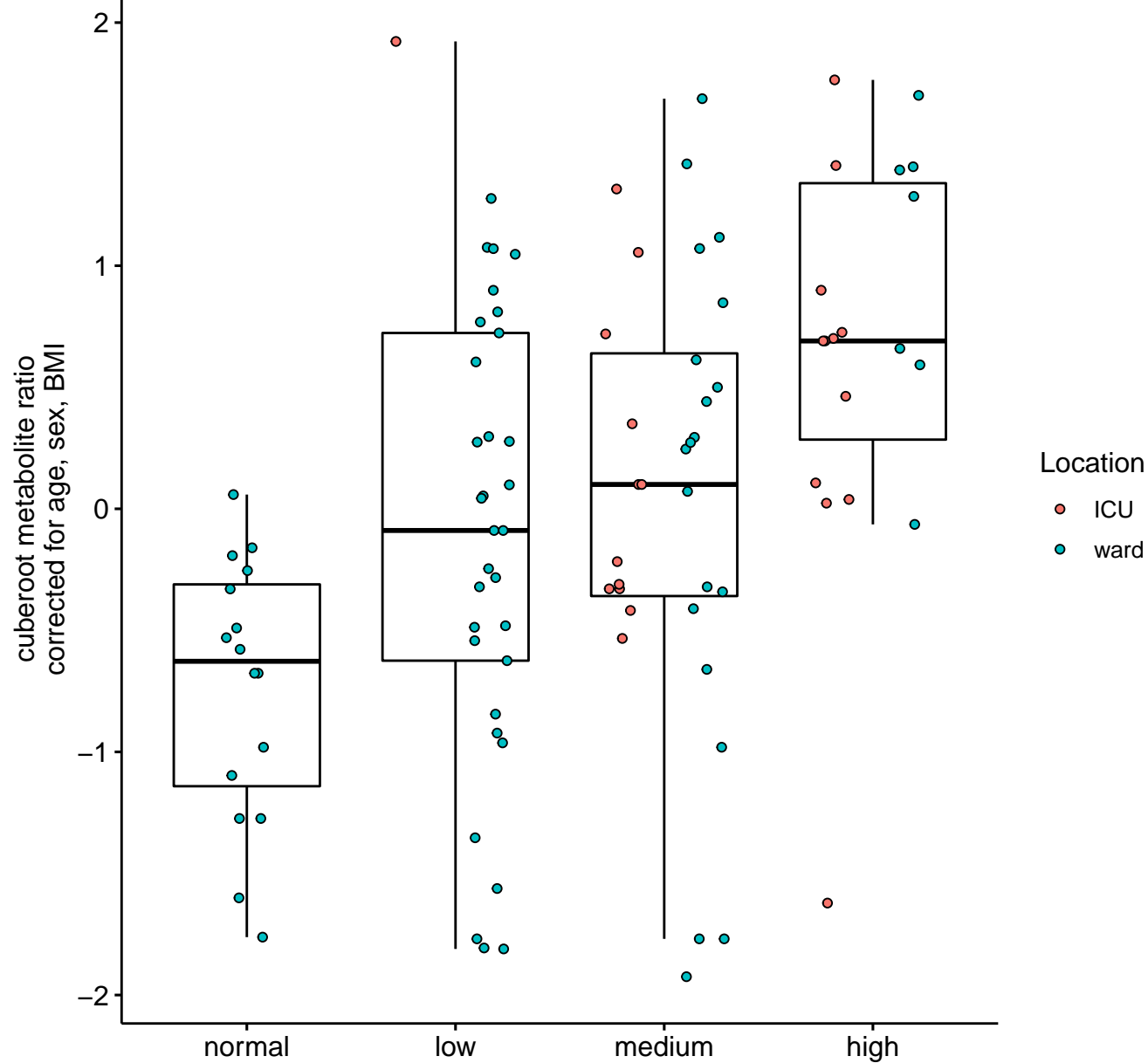
CXCL10



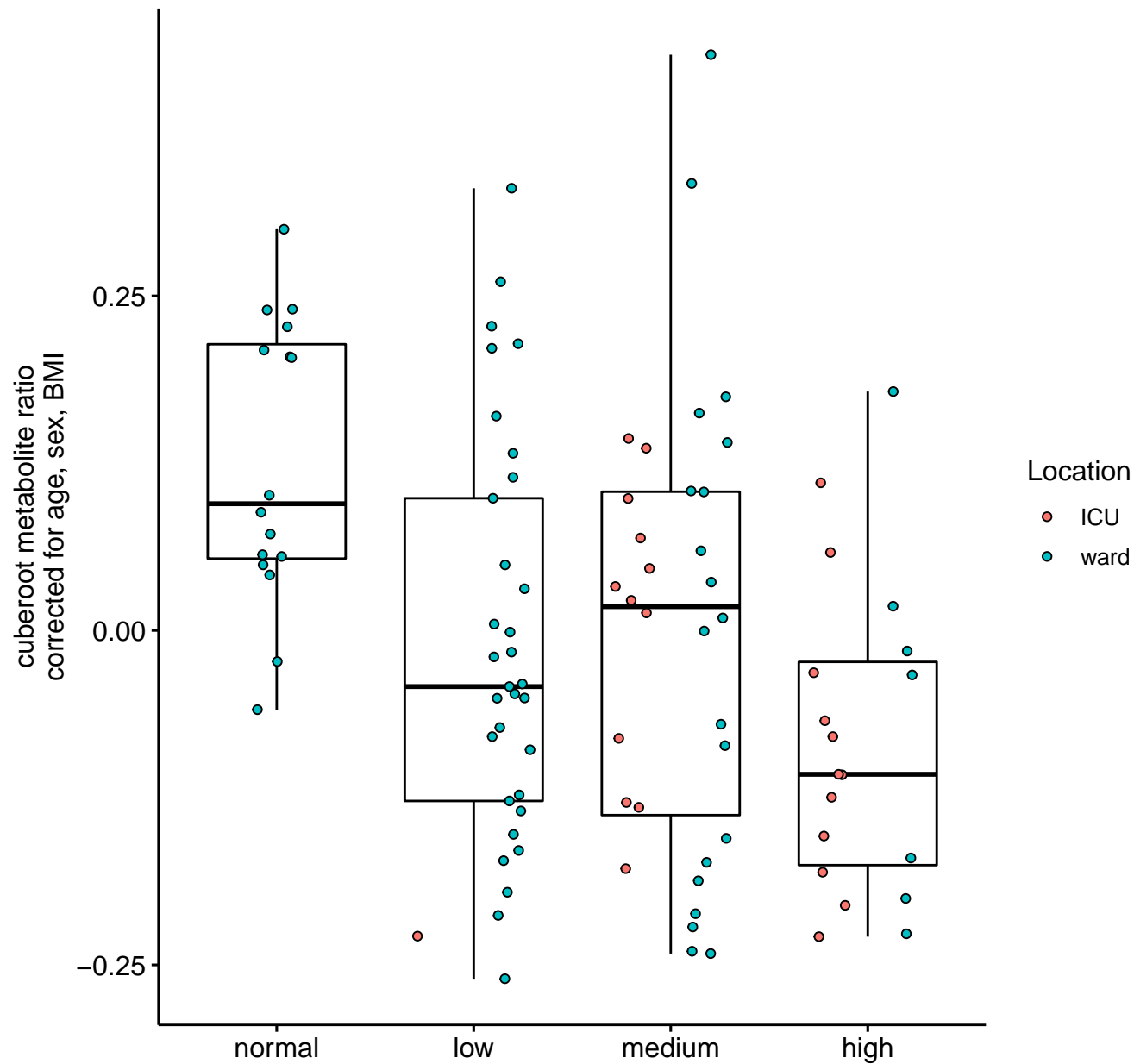
L.Methionine.sulfoxide_amines



GMCSF



L.Threonine_amines



Kyn_Trp

cube root metabolite ratio
corrected for age, sex, BMI

0.1
0.0

normal

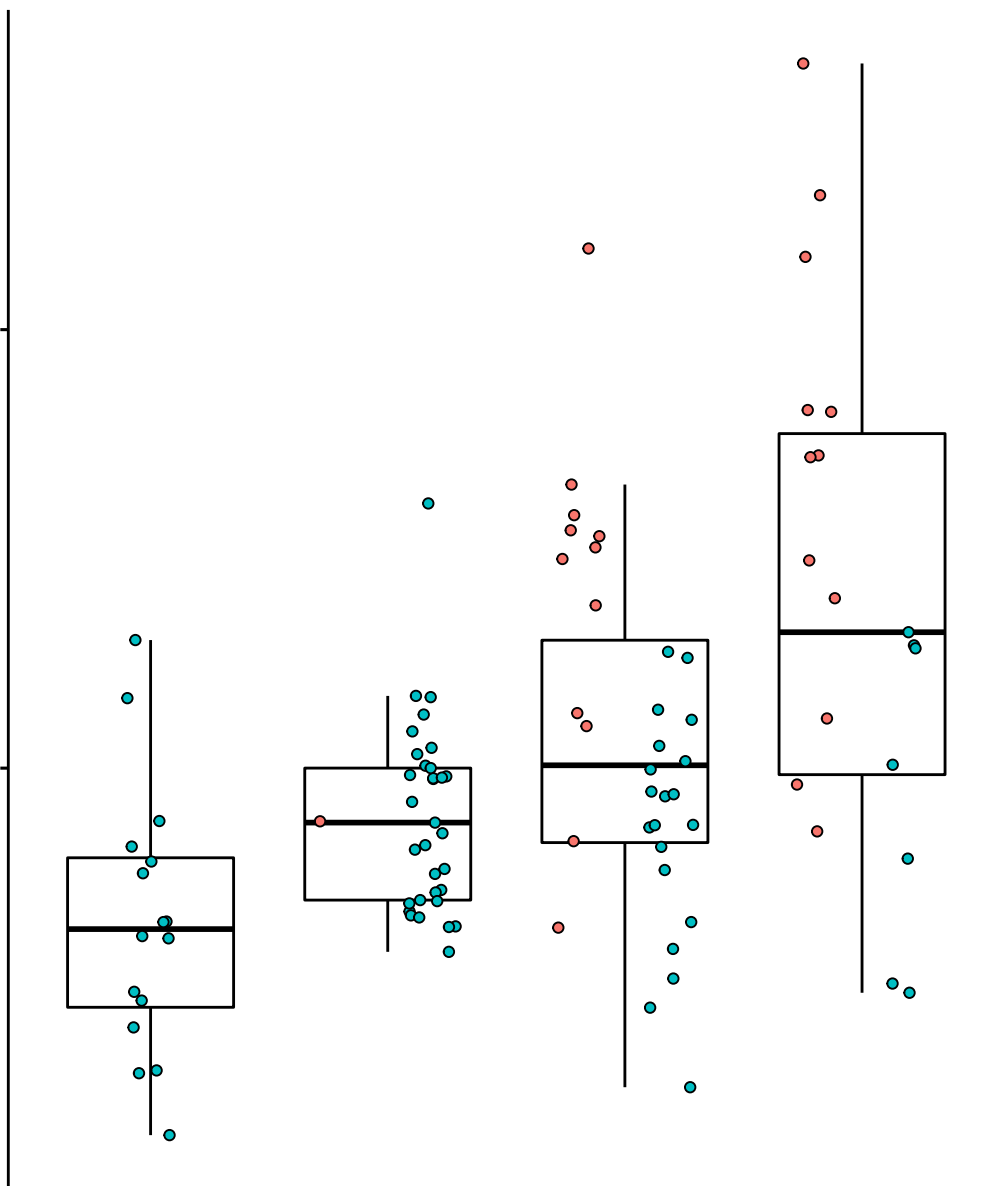
low

medium

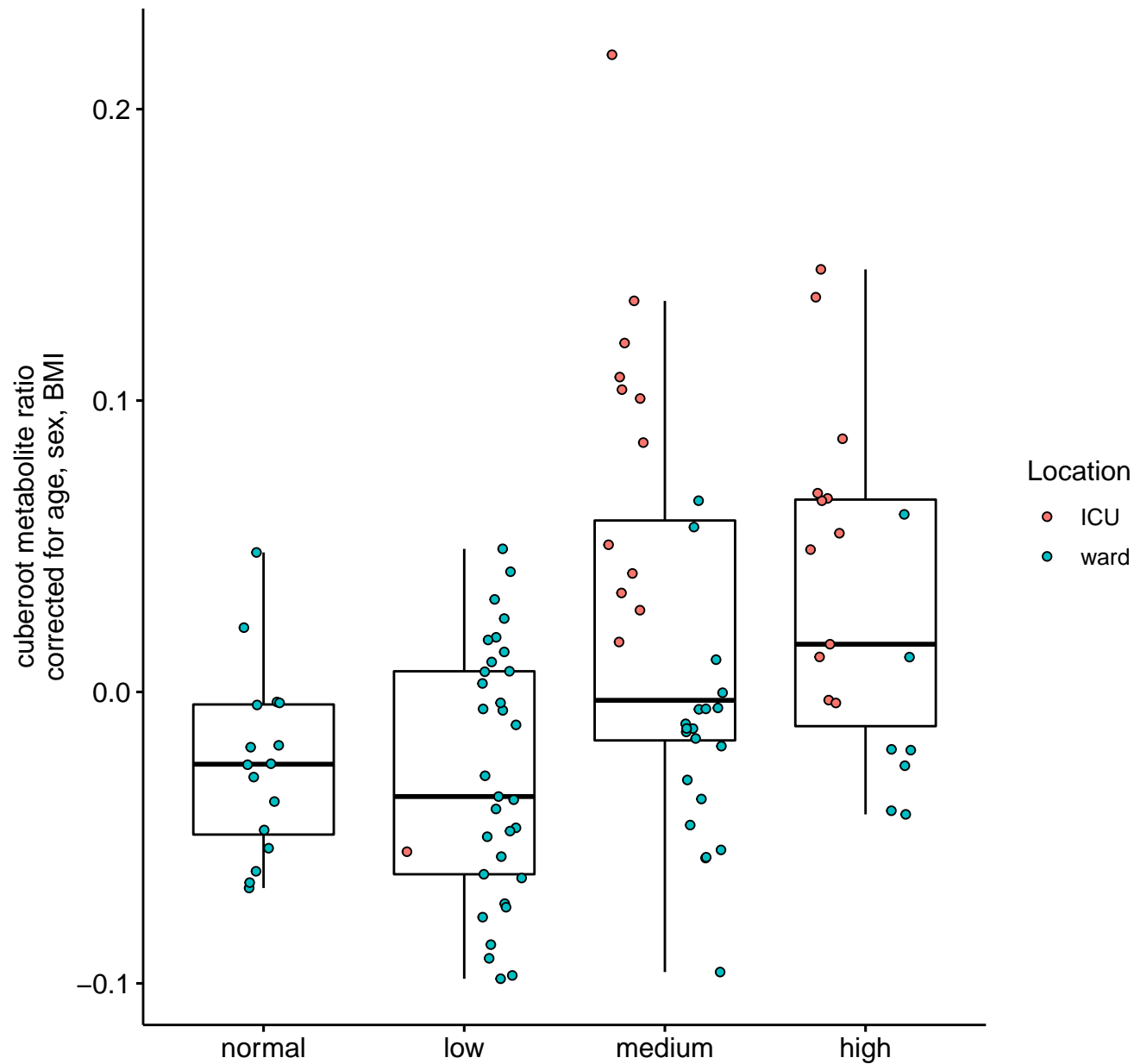
high

Location

ICU
ward

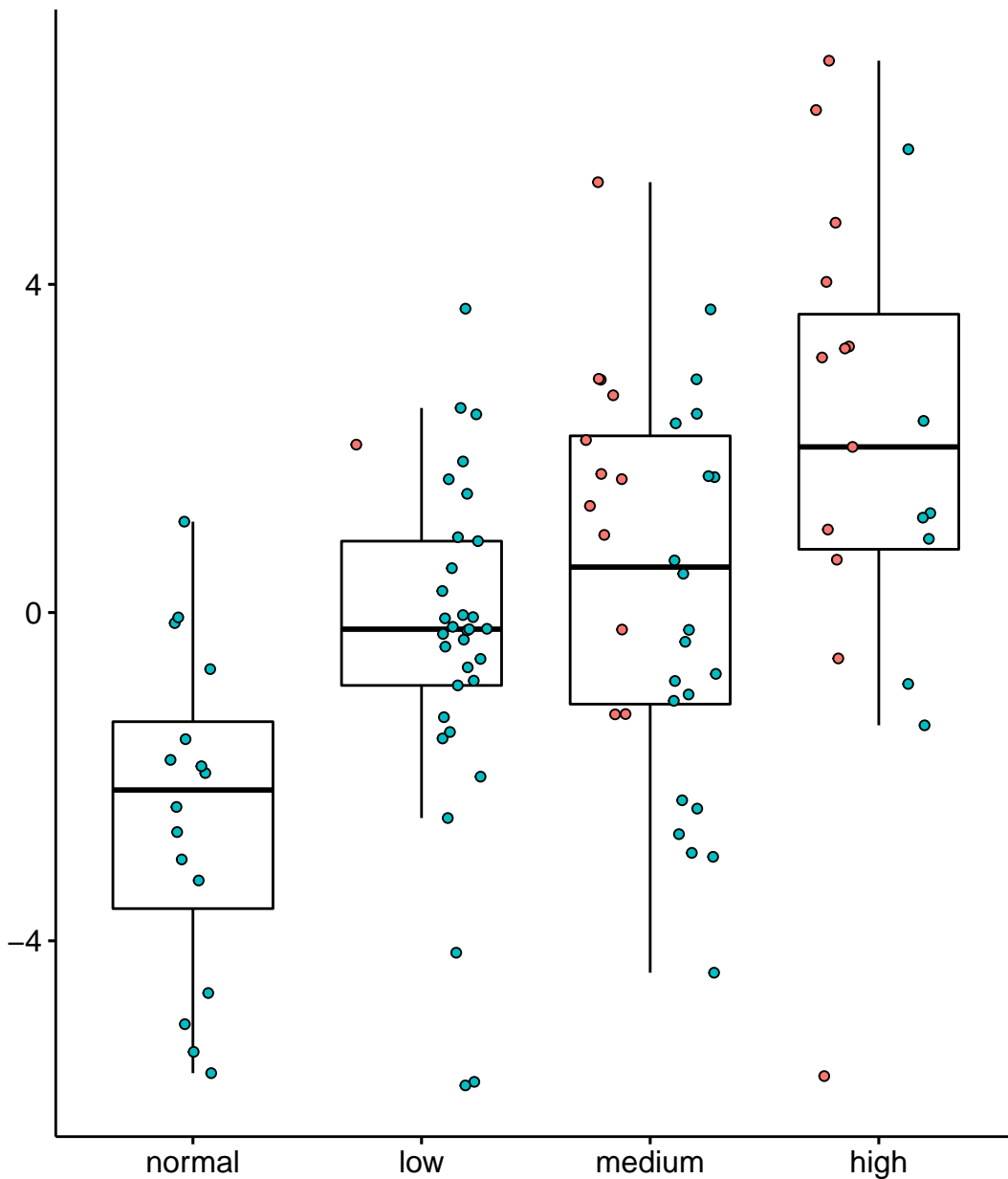


Glycylglycine_amines



Ferritin

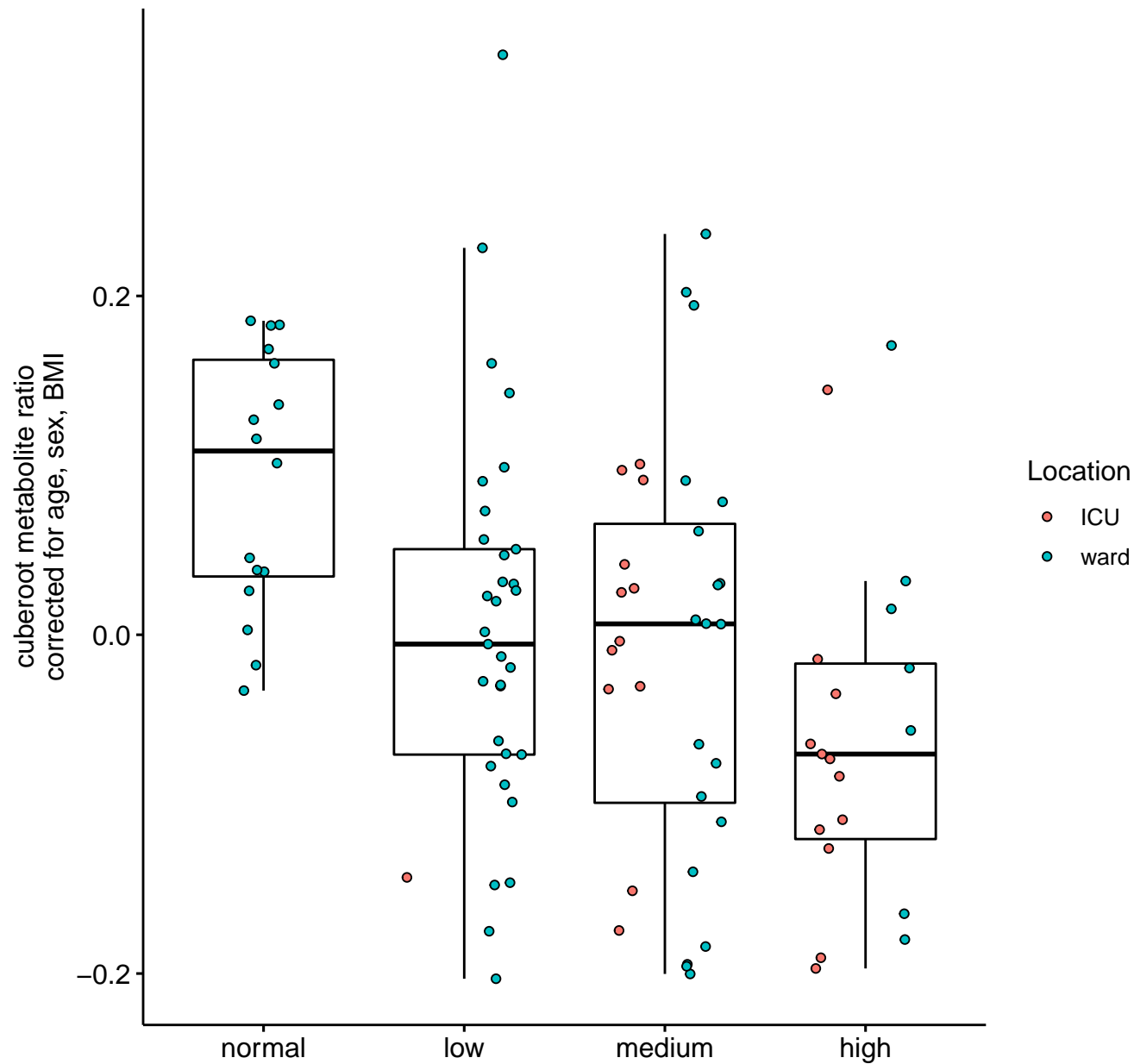
cuberoor metabolite ratio
corrected for age, sex, BMI



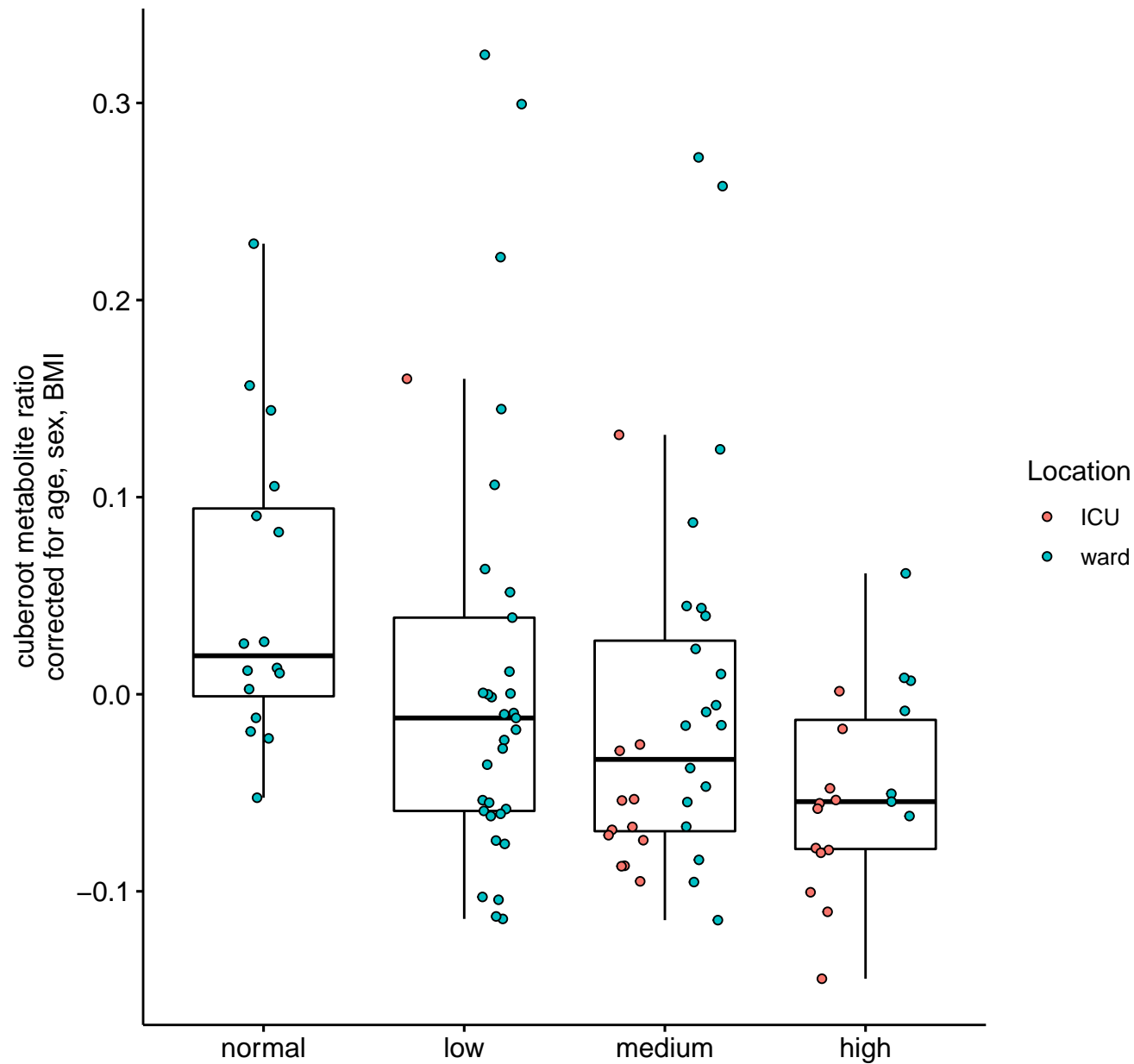
Location

- ICU
- ward

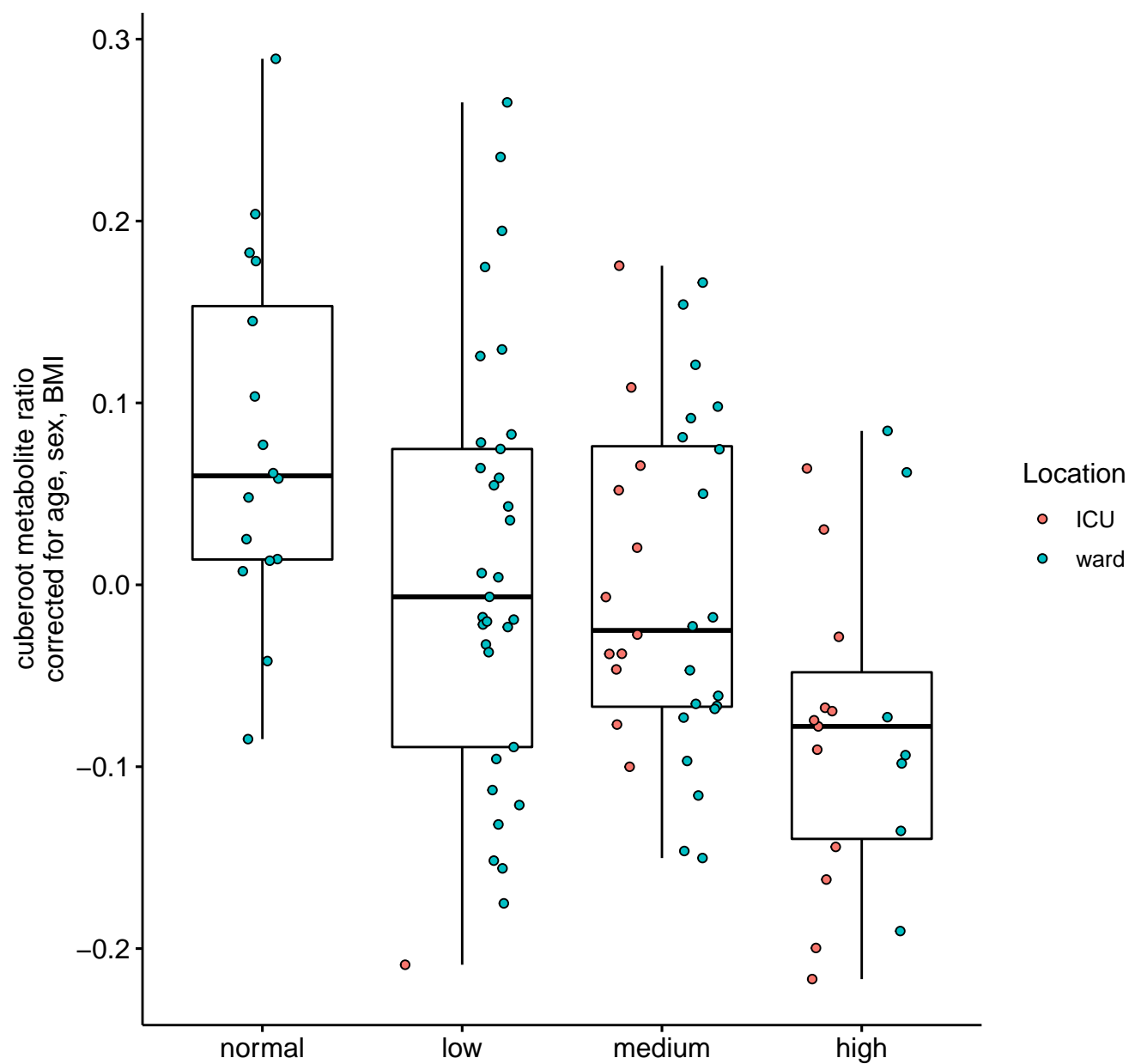
L.Lysine_amines



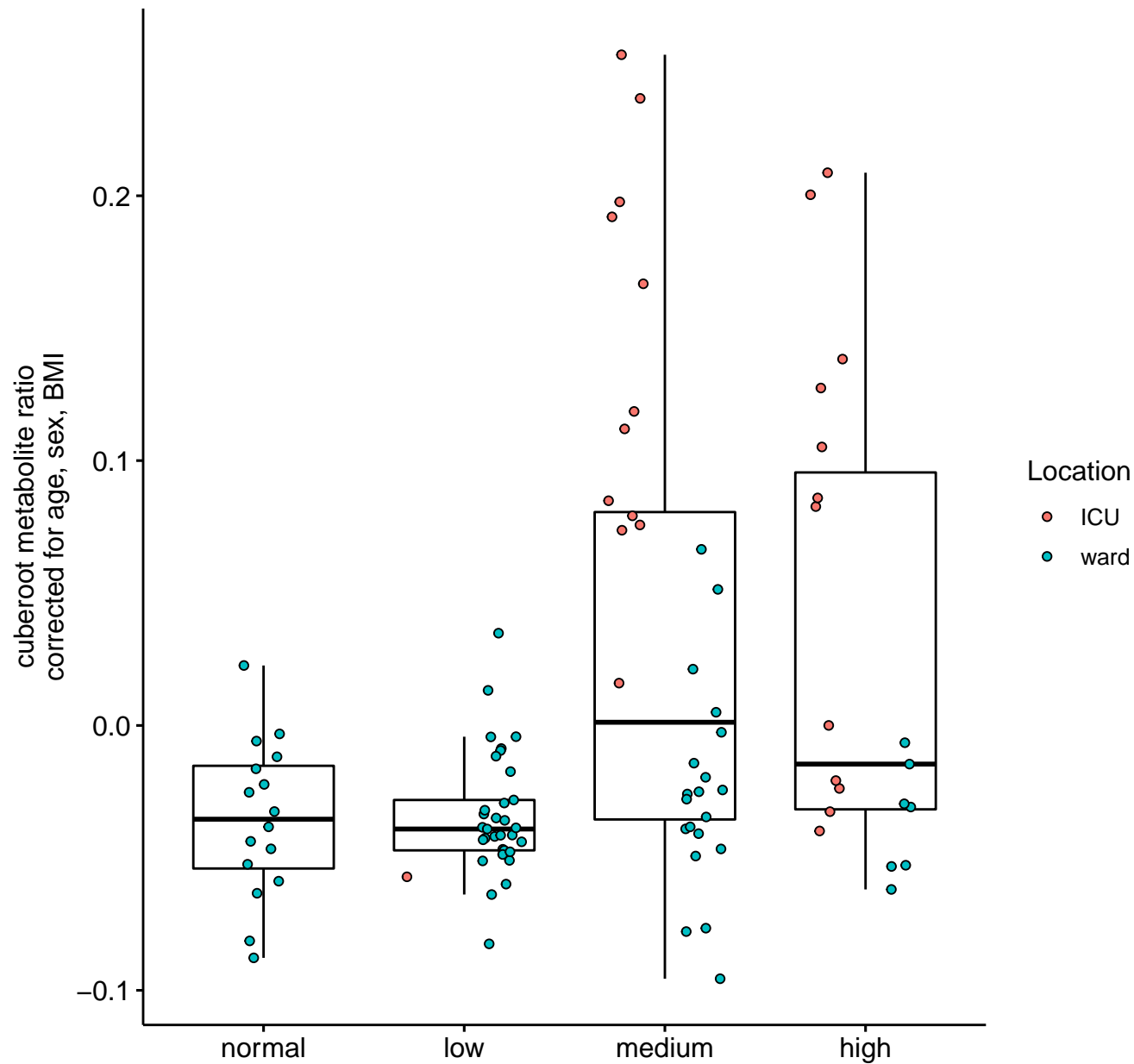
Glutathione_amines



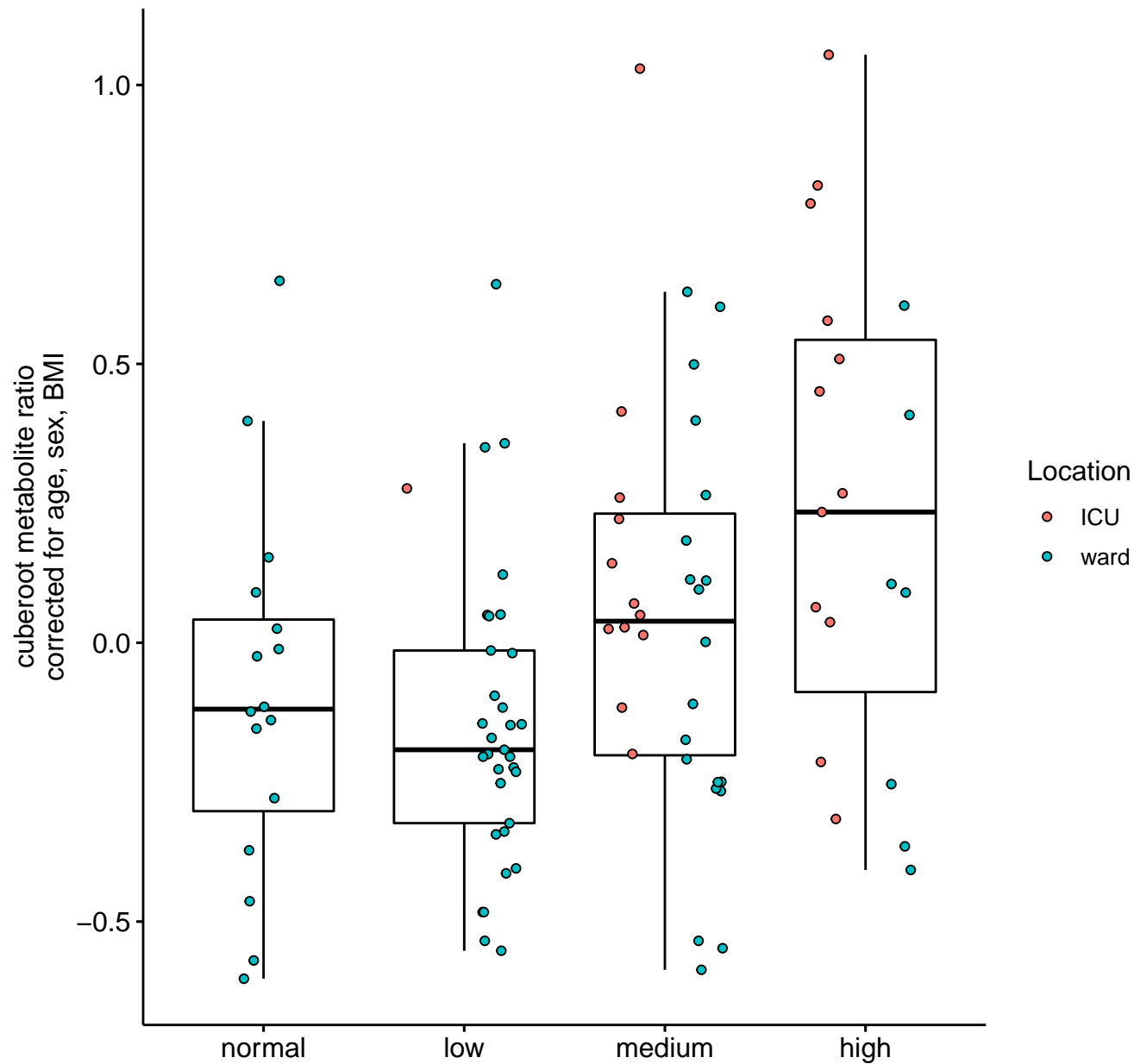
Glycine_amines



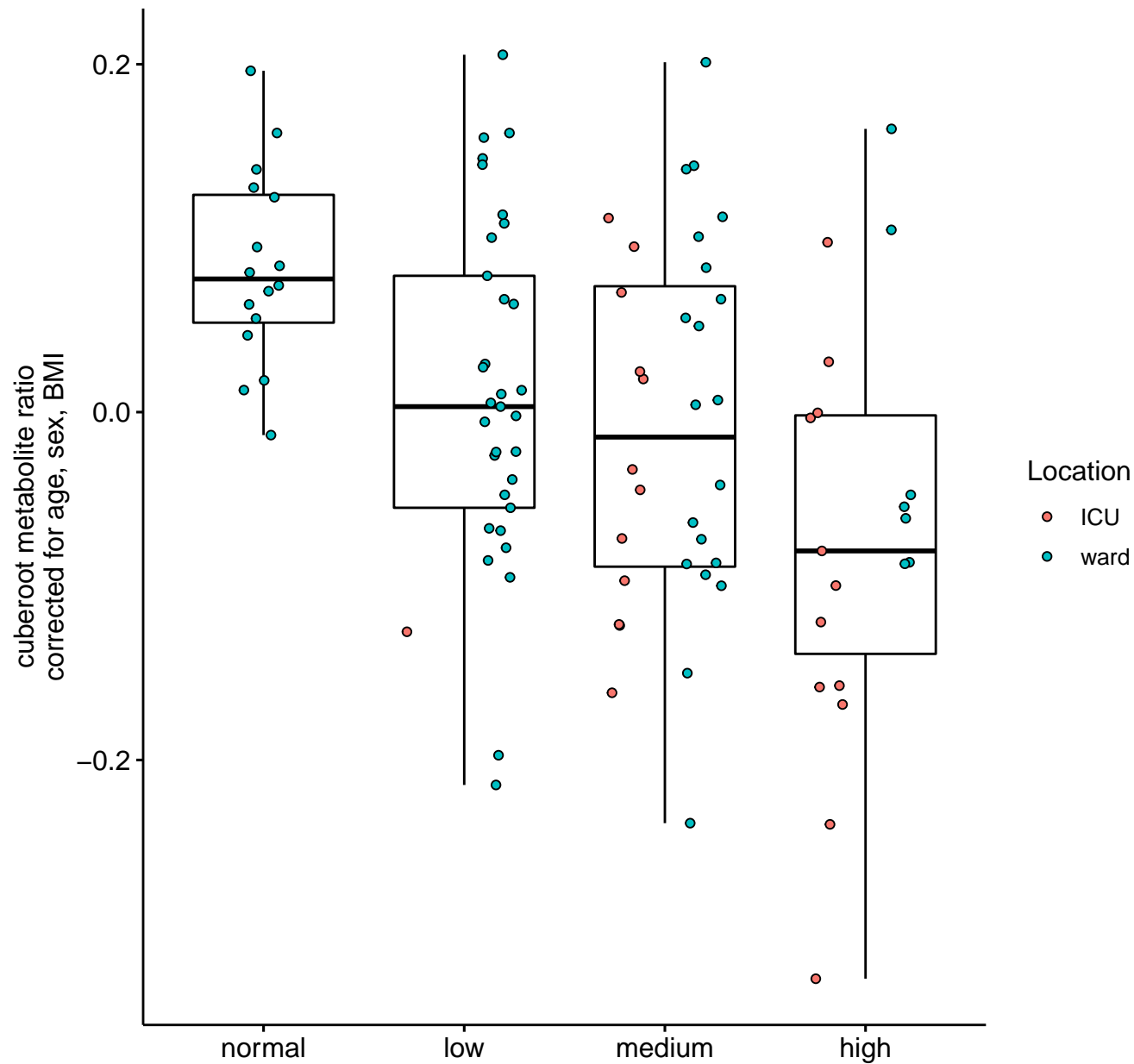
Methionine.sulfone_amines



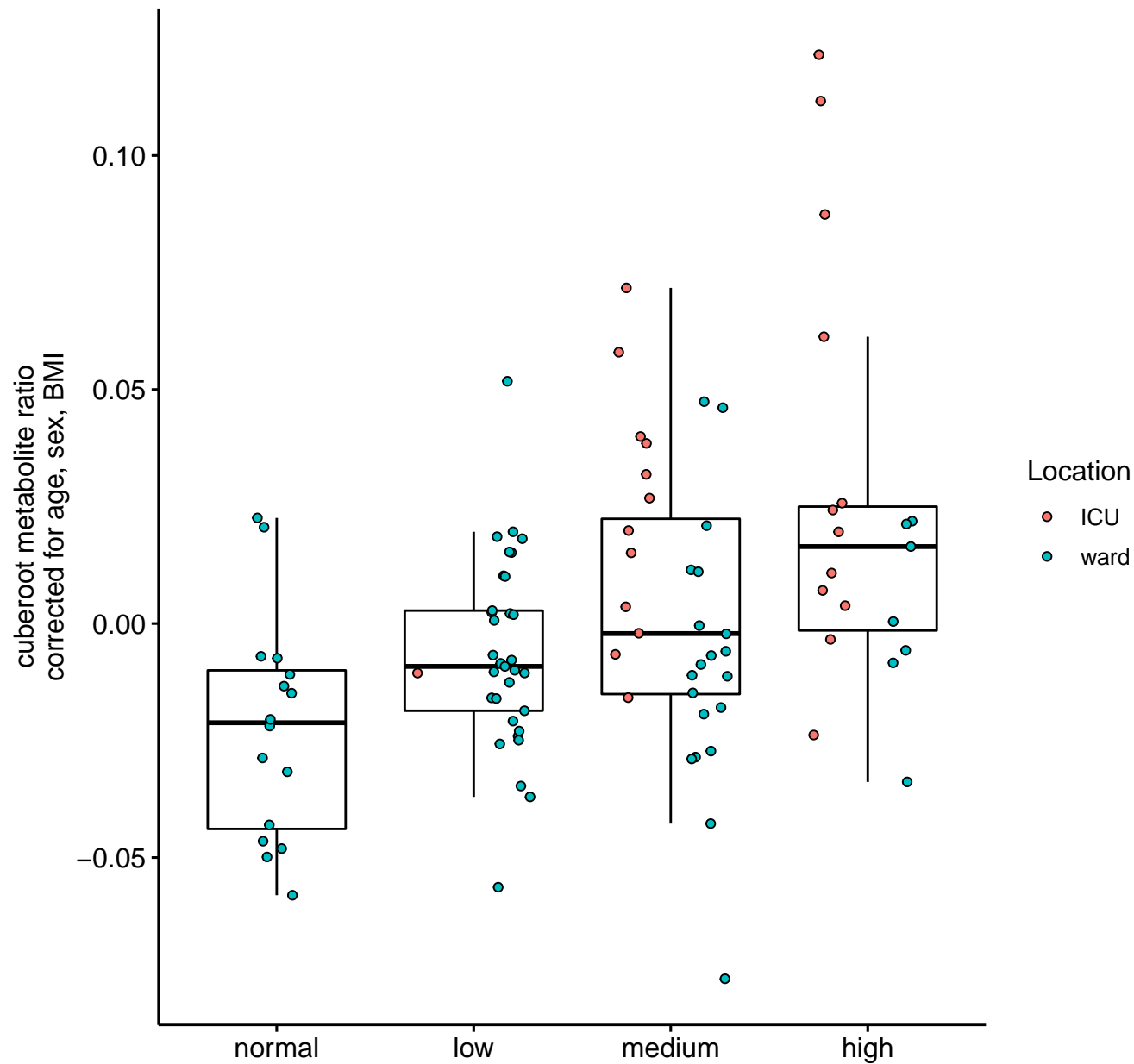
Ratio4_8



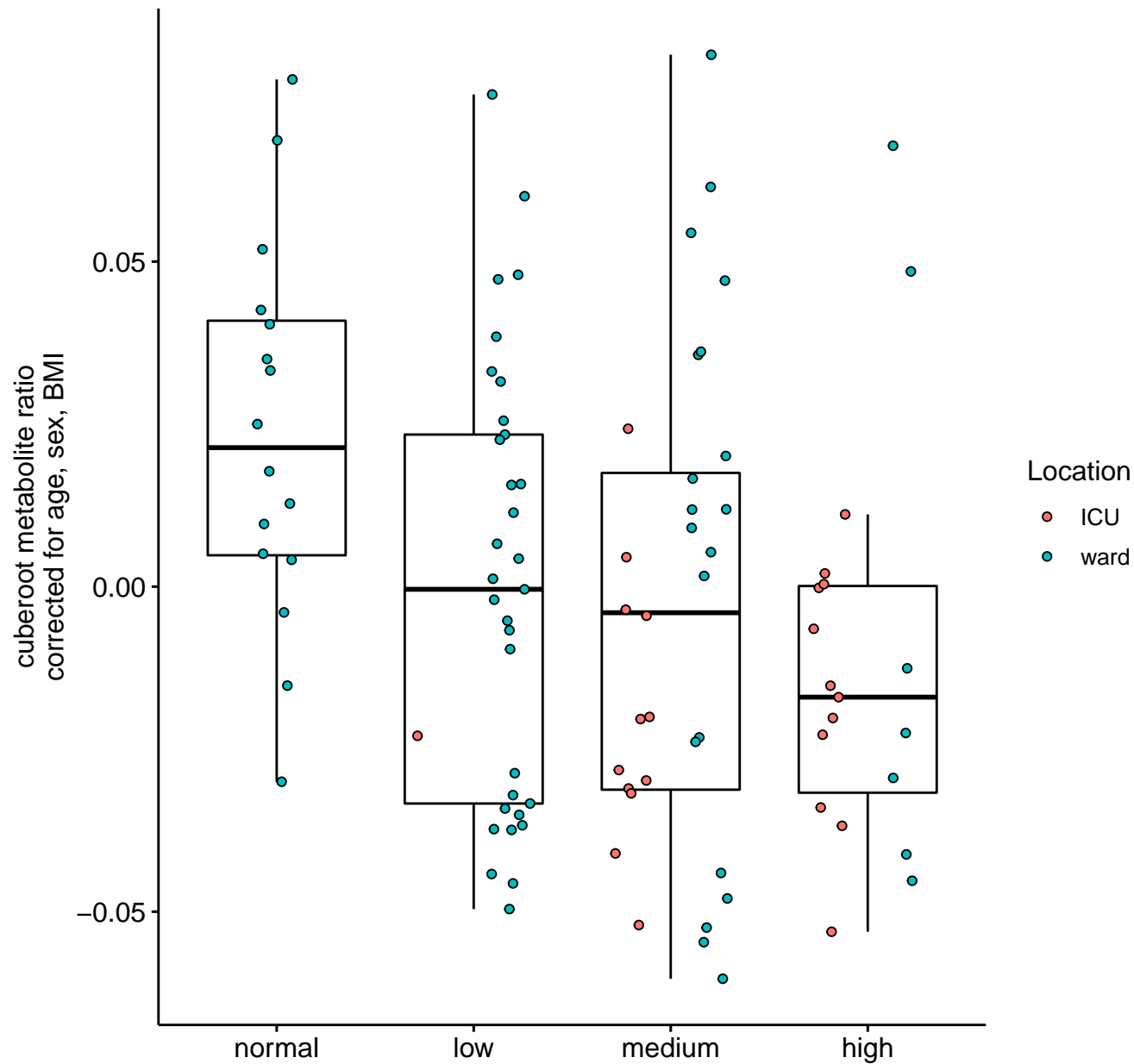
L.Serine_amines



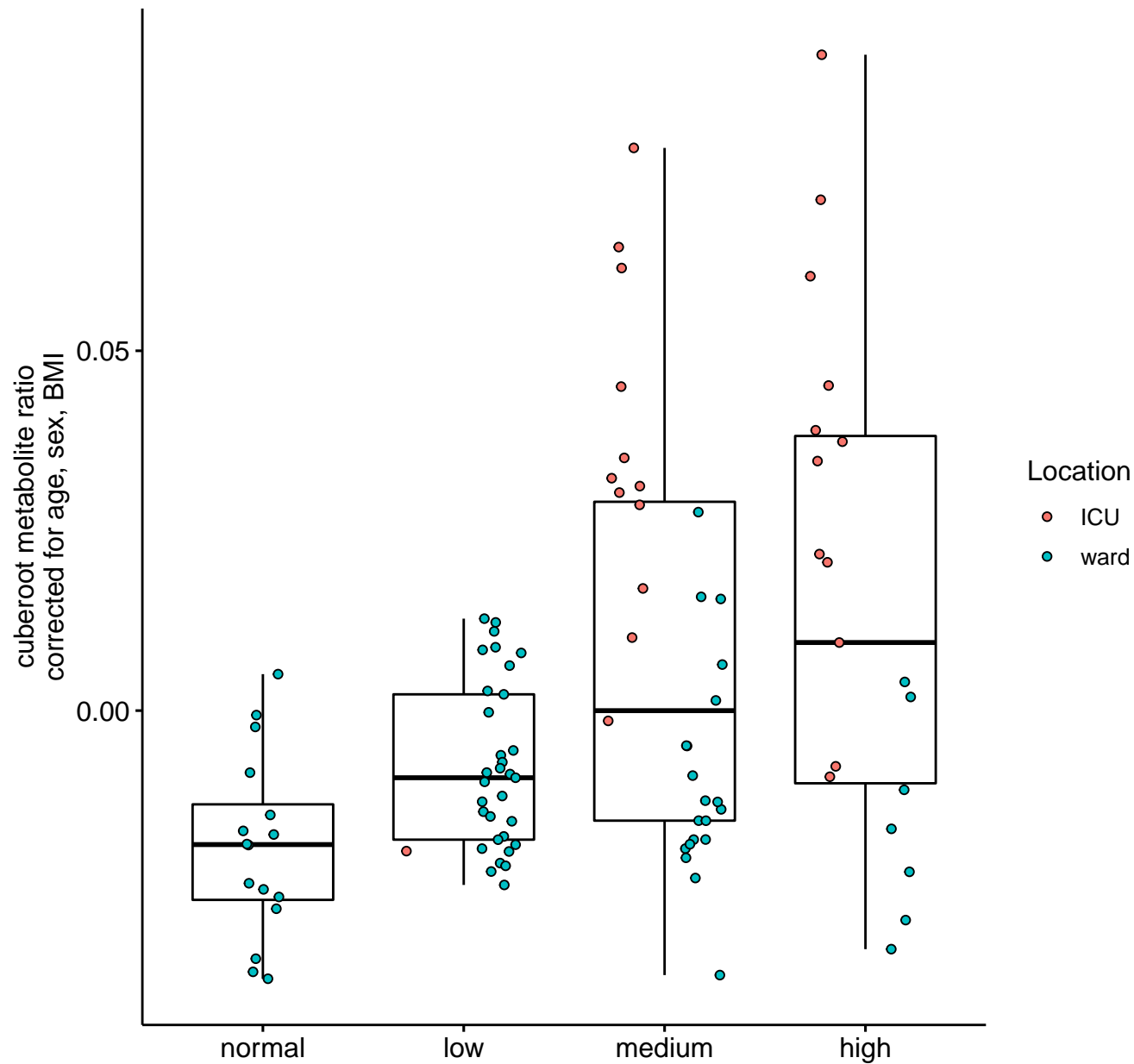
L.Kynurenine_amines



Serotonine_amines



X4OHLys_Lys



CCL4

cube root metabolite ratio
corrected for age, sex, BMI

10.0

7.5

5.0

2.5

0.0

normal

low

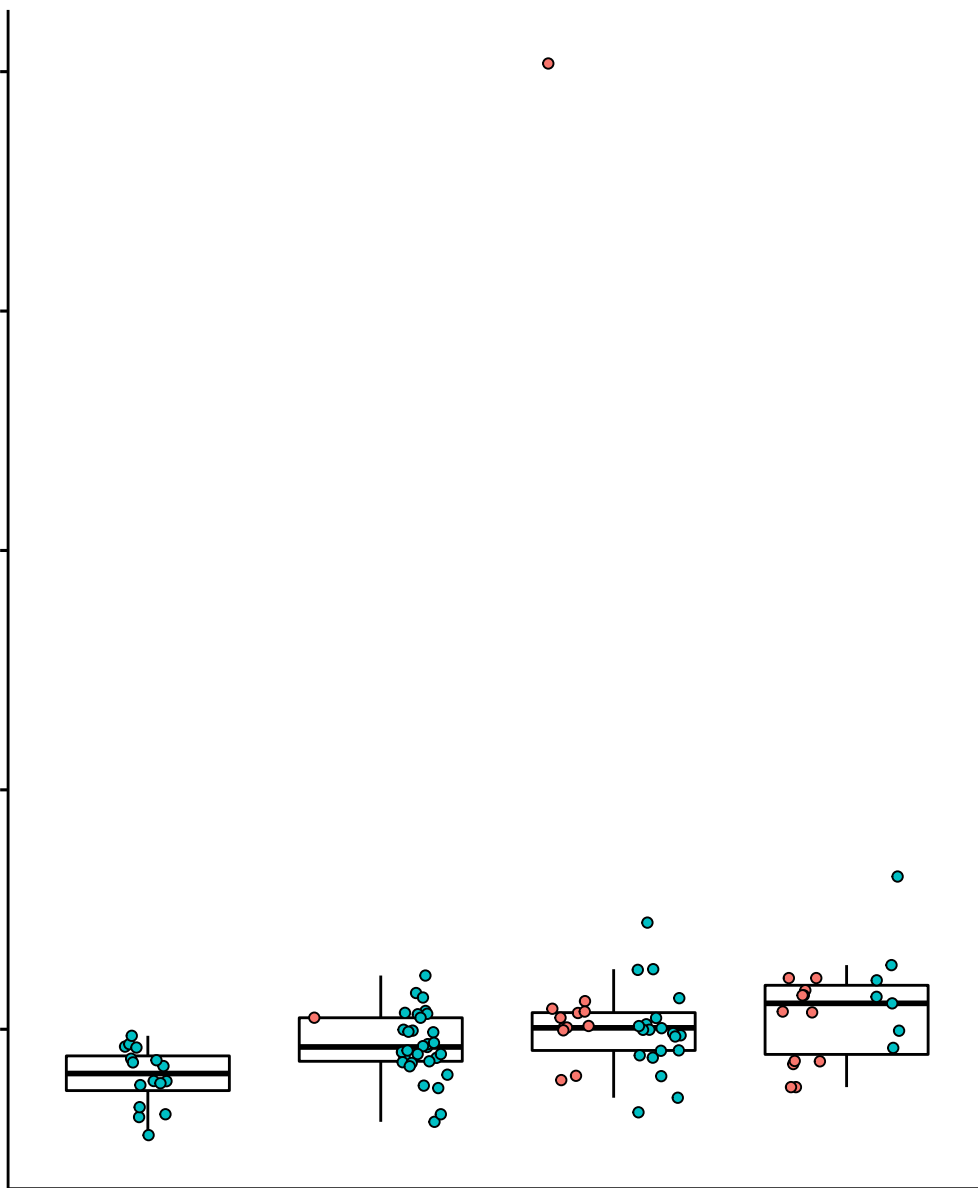
medium

high

Location

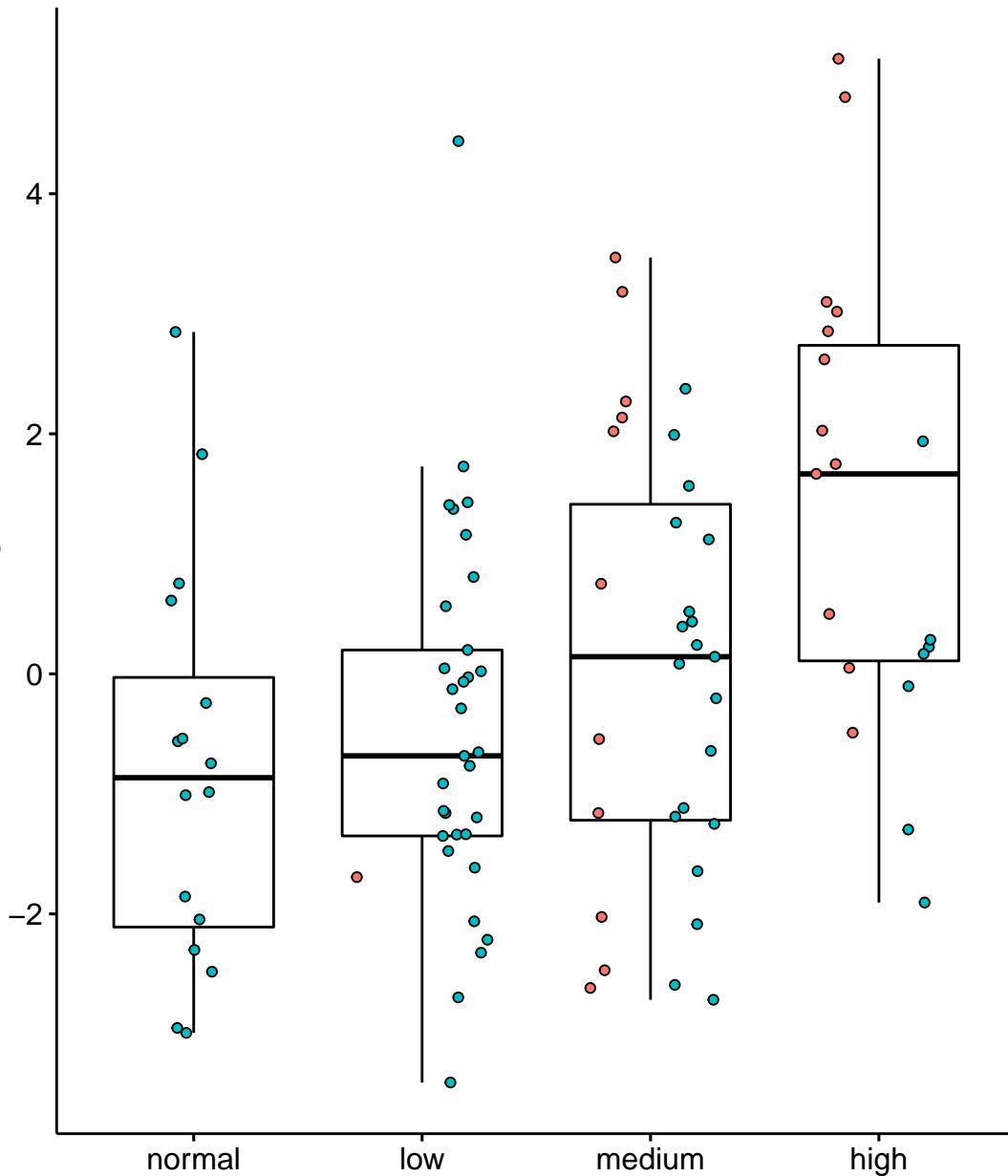
ICU

ward



CCL2

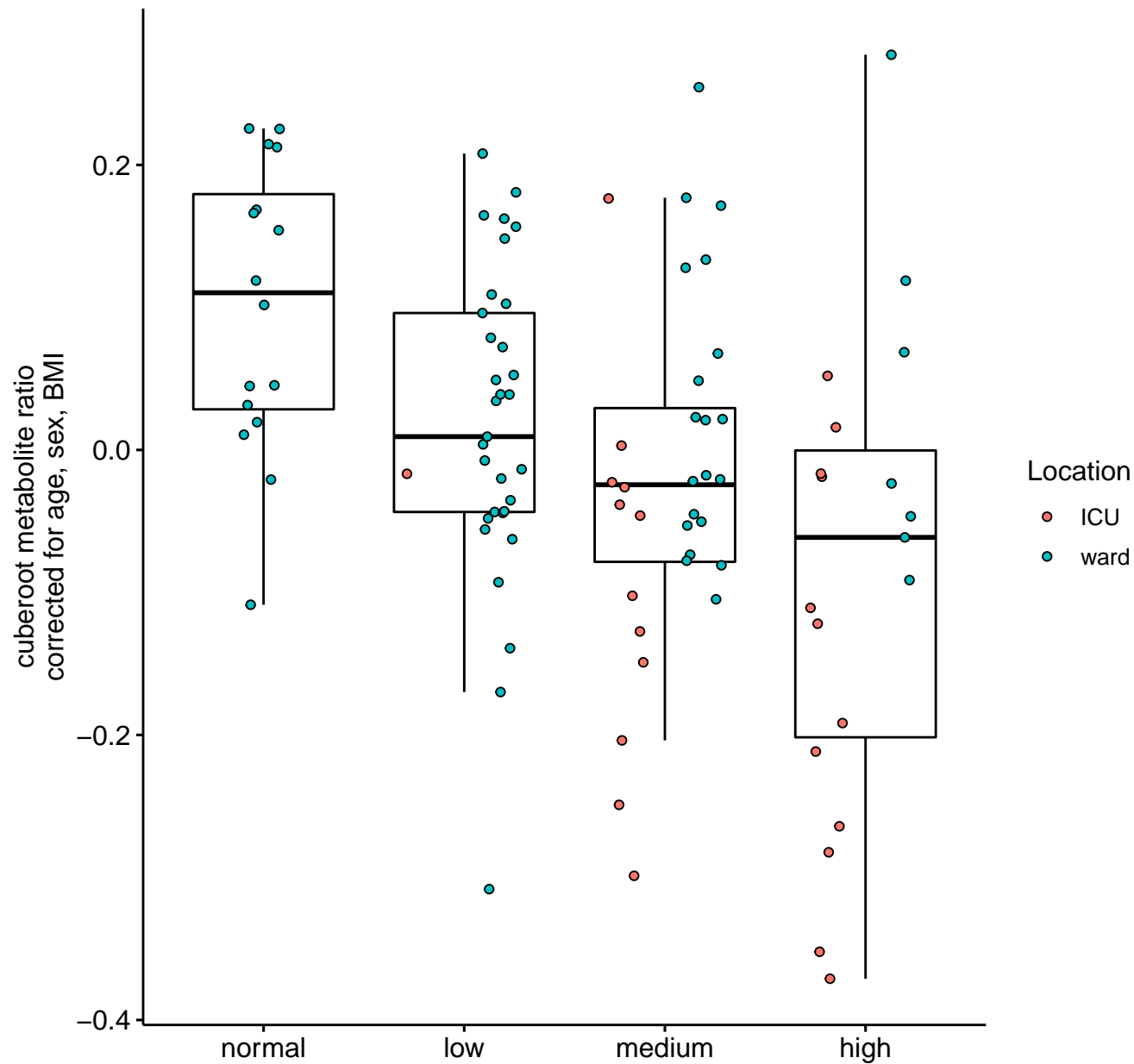
cube root metabolite ratio
corrected for age, sex, BMI



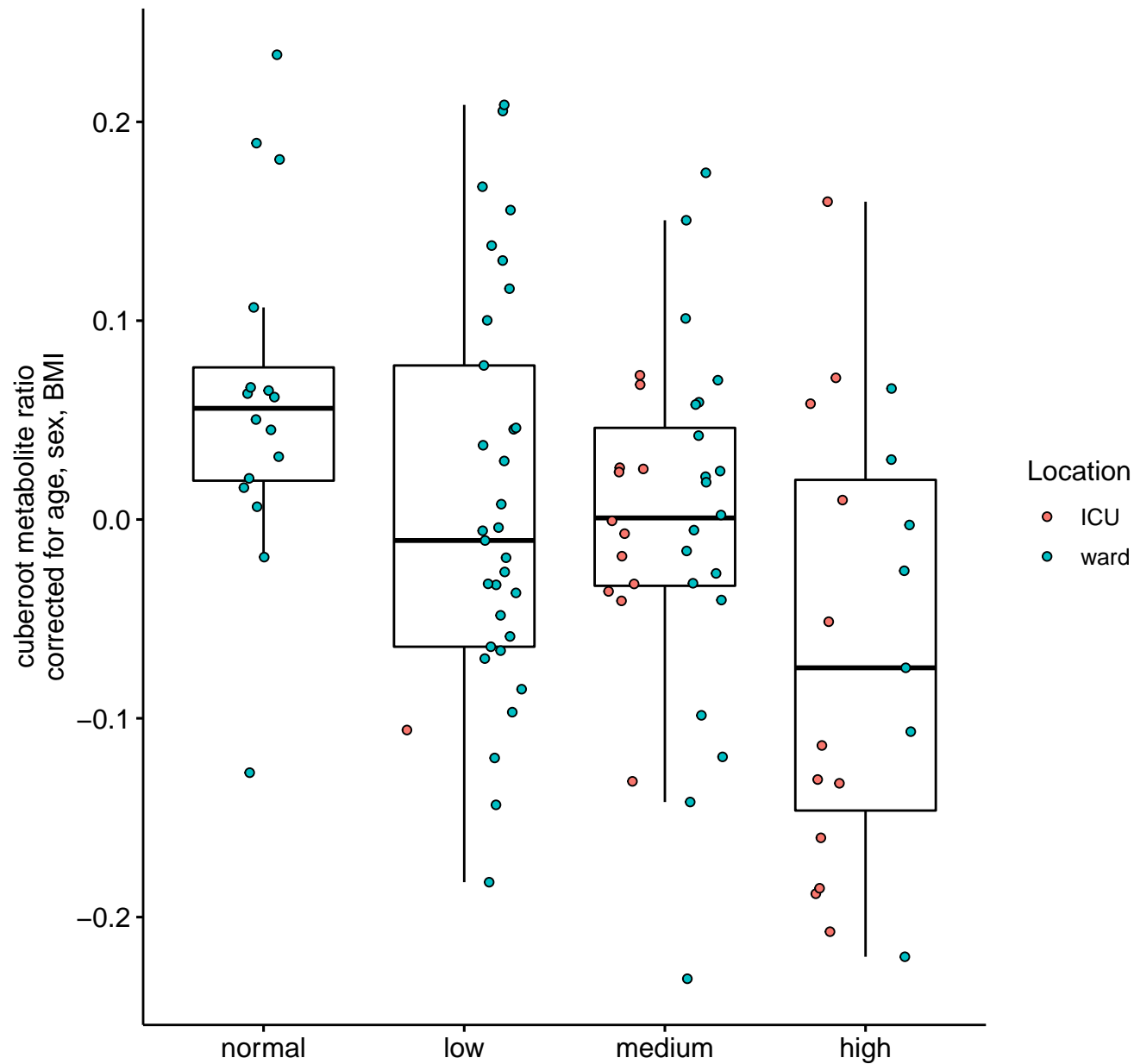
Location

ICU
ward

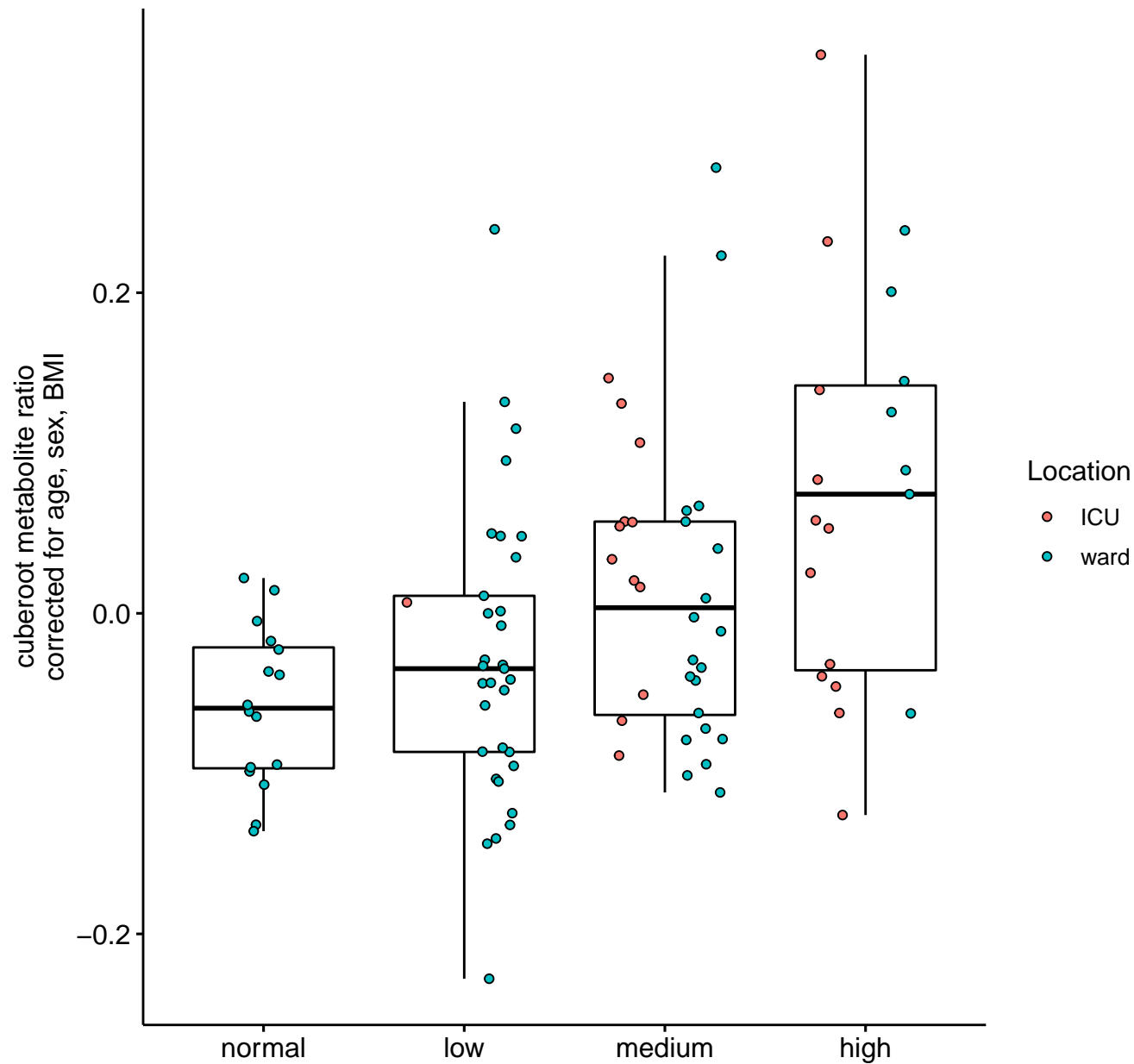
L.Tryptophan_amines



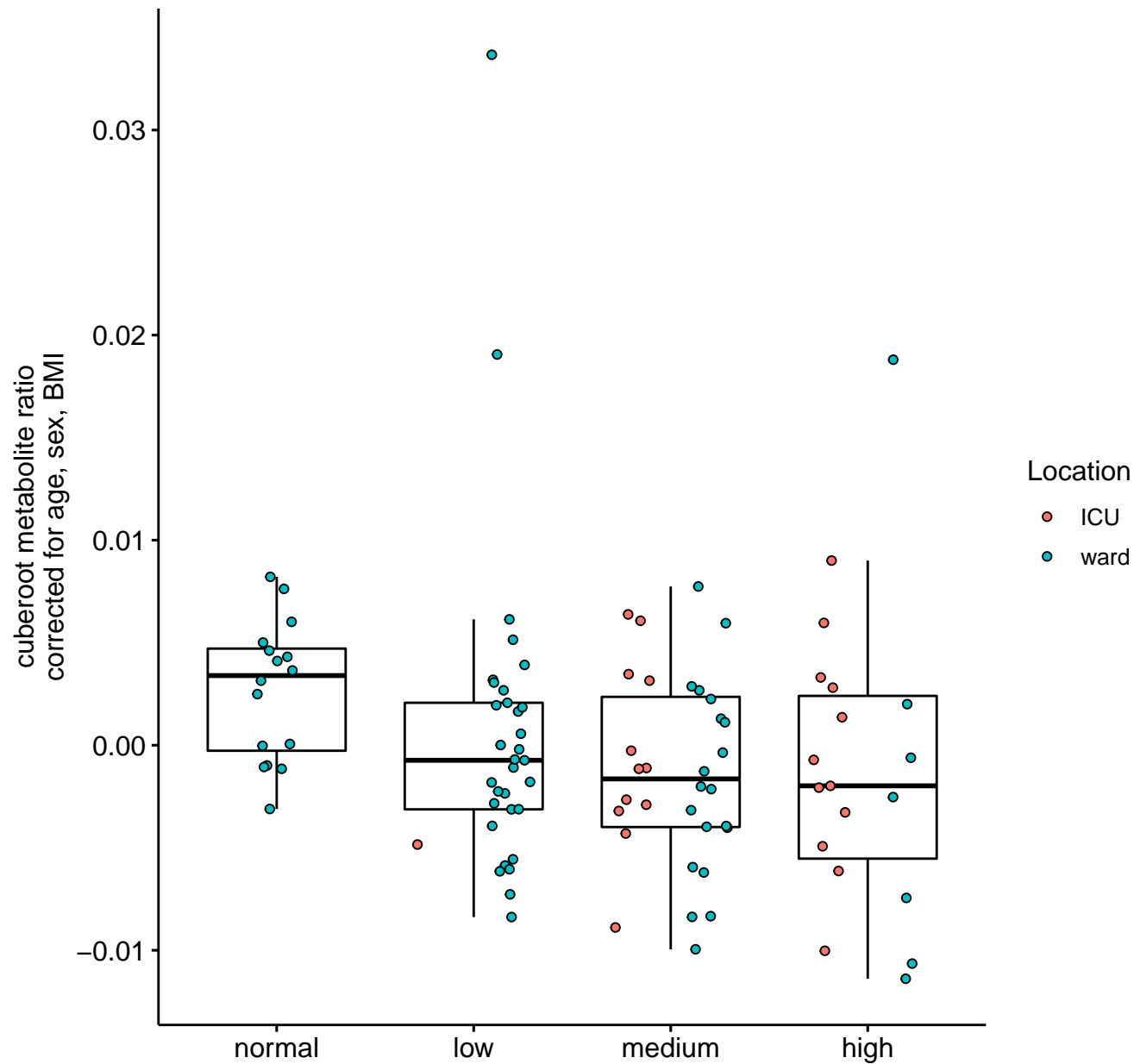
L.Alanine_amines



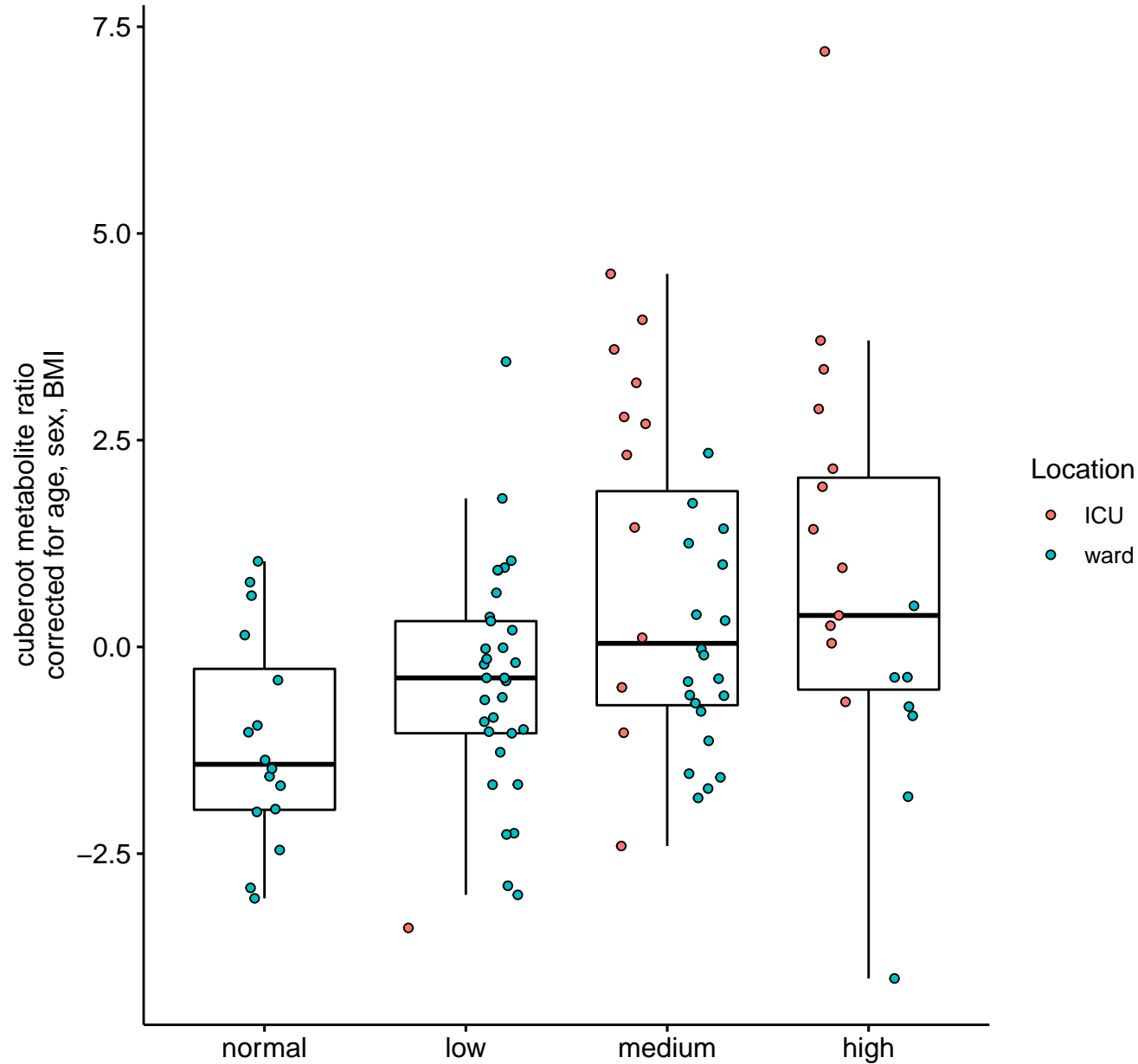
L.Phenylalanine_amines



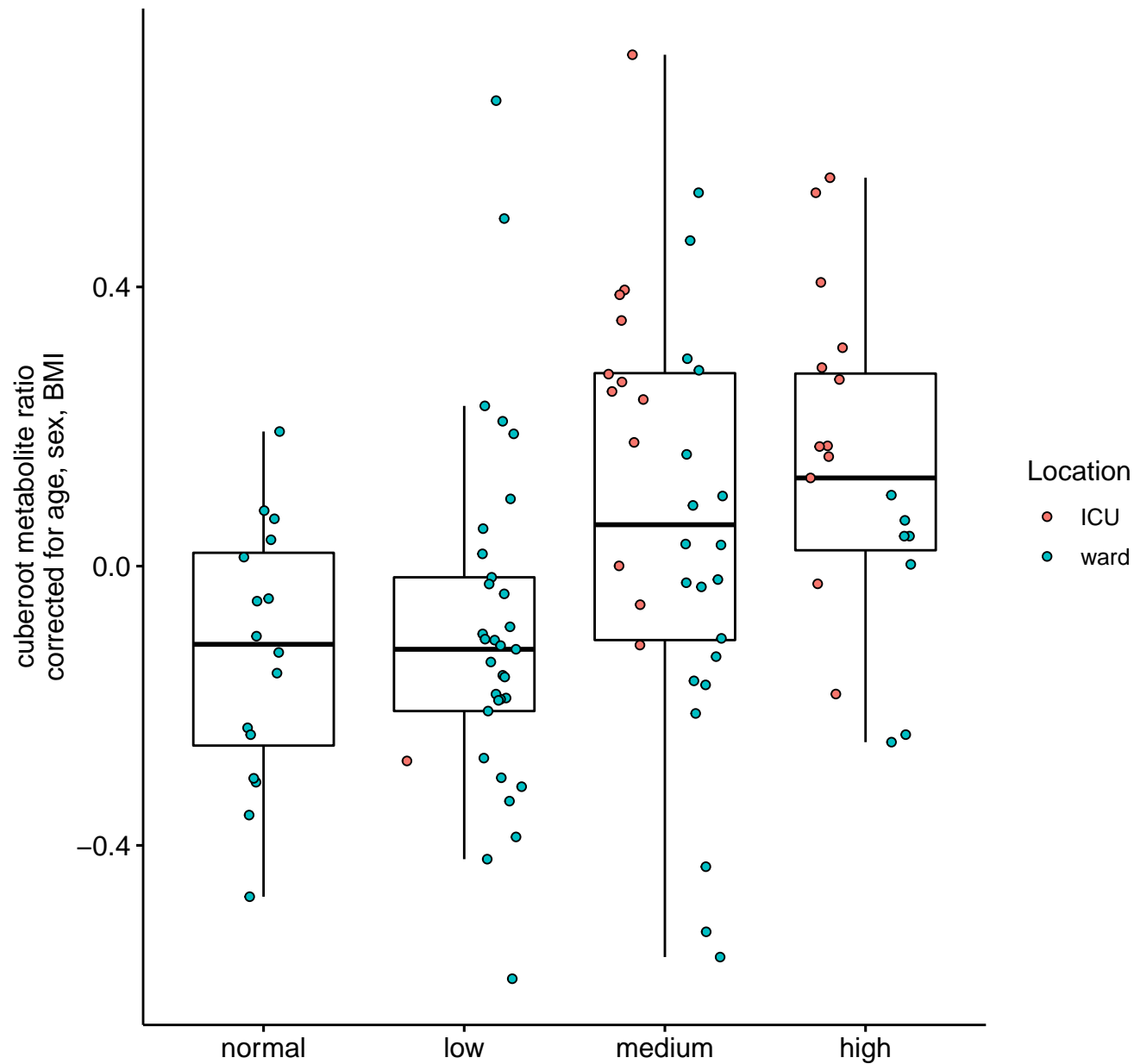
Anserine_amines_wc



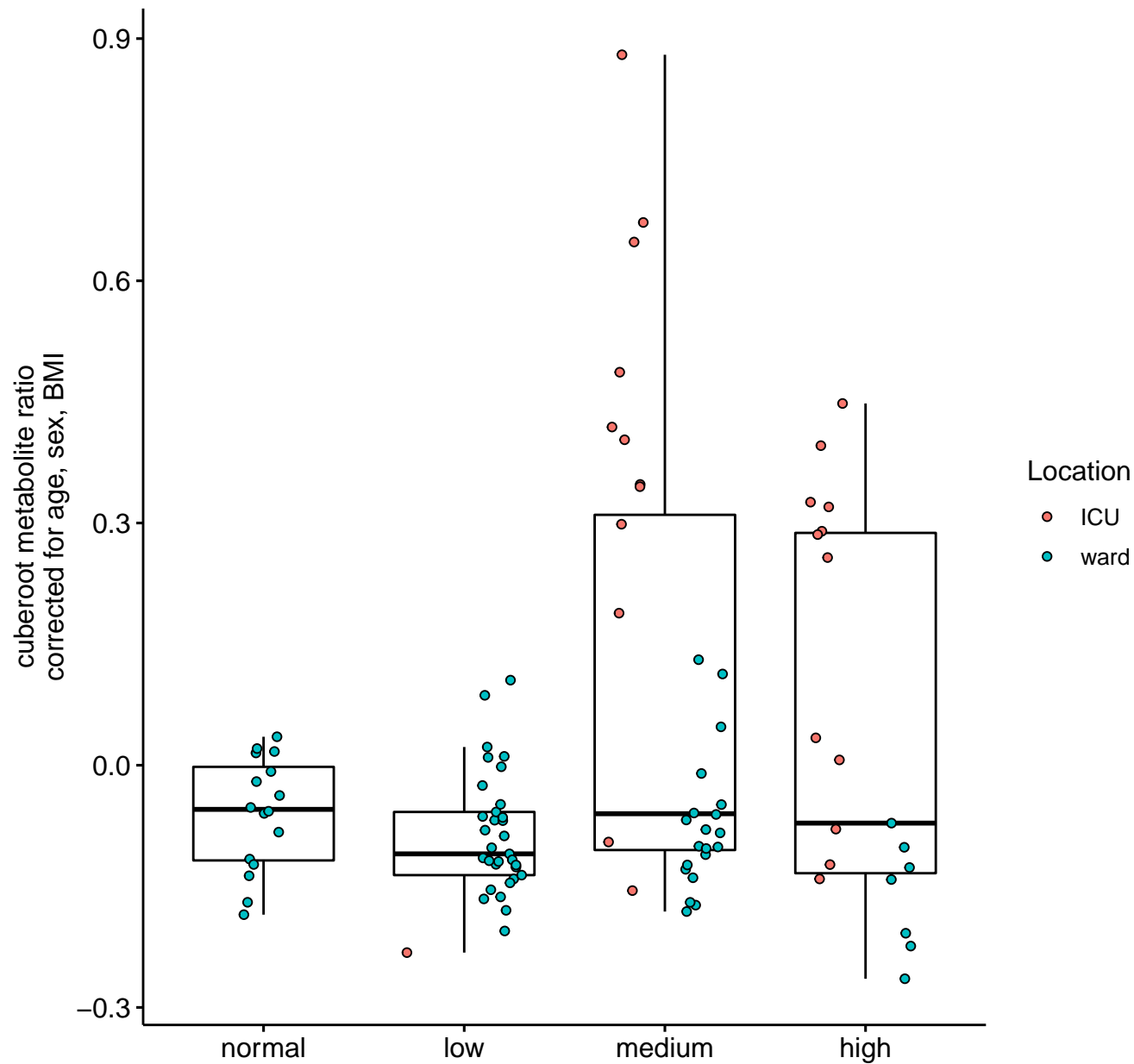
CD163



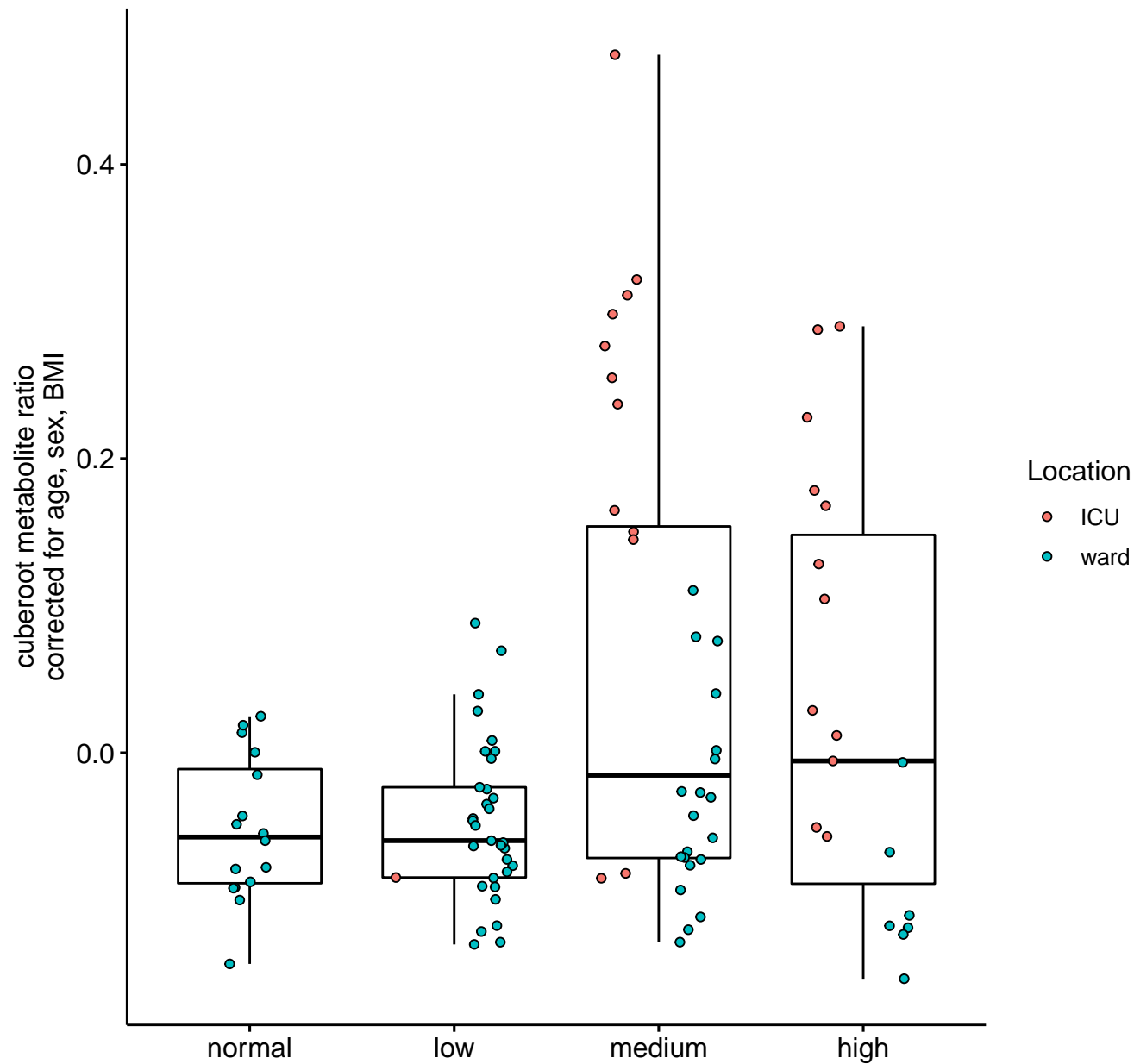
Neutrophils



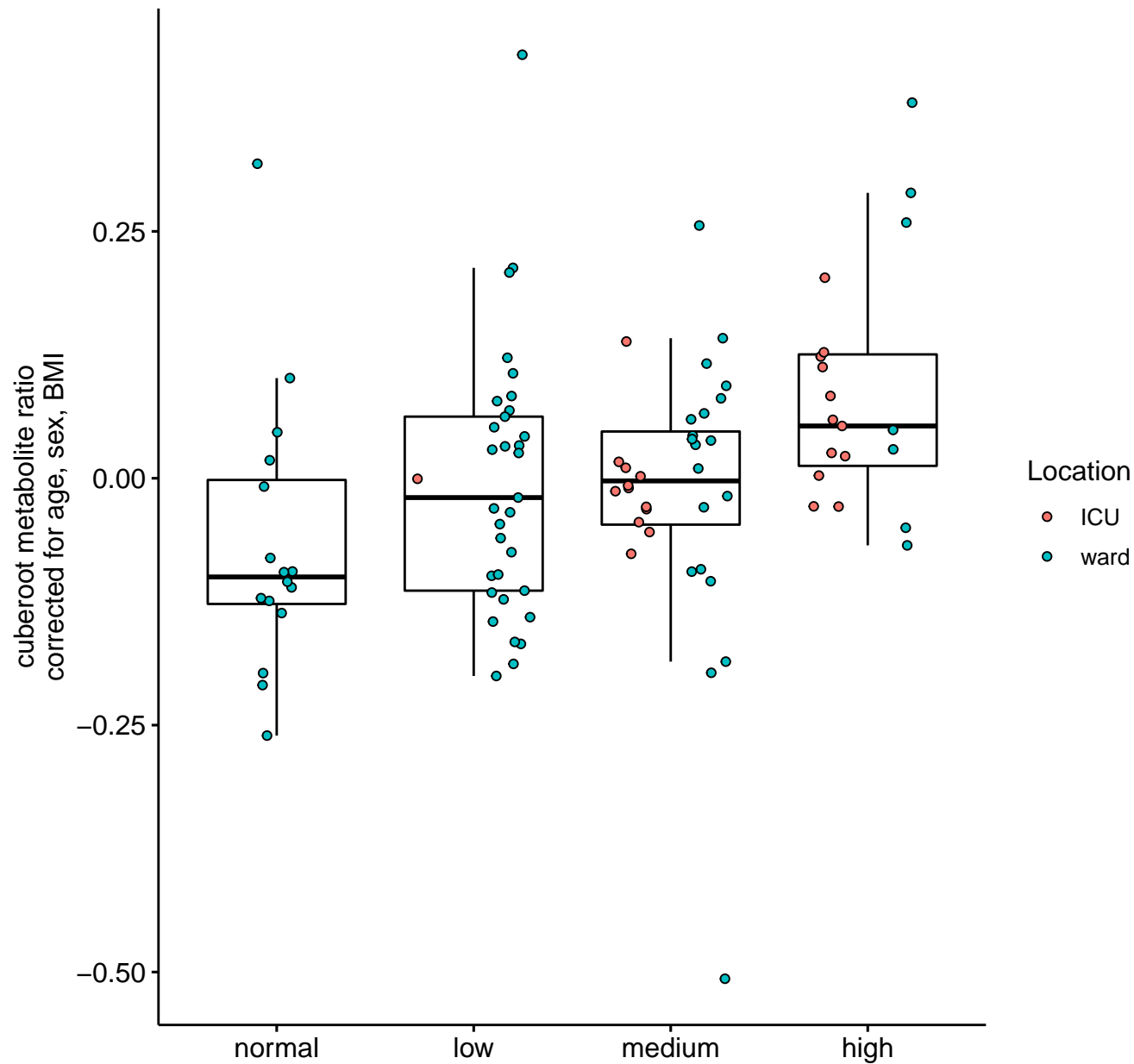
L.4.hydroxy.proline_amines



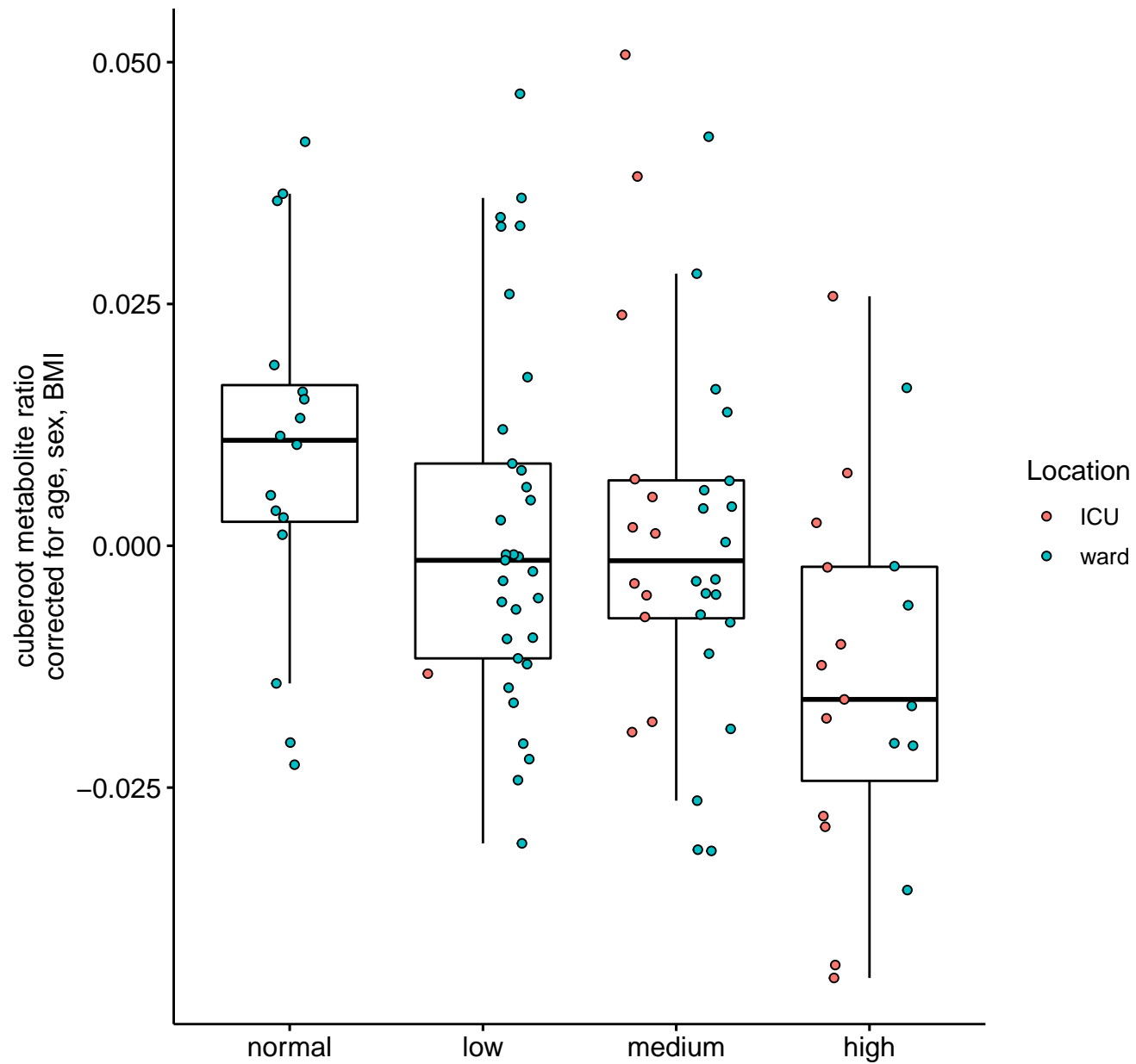
X4OHPro_Pro



Cystathionine_amines



Gamma.aminobutyric.acid_amines_wc



sIL2R

cuberoor metabolite ratio
corrected for age, sex, BMI

10
5
0
-5

normal

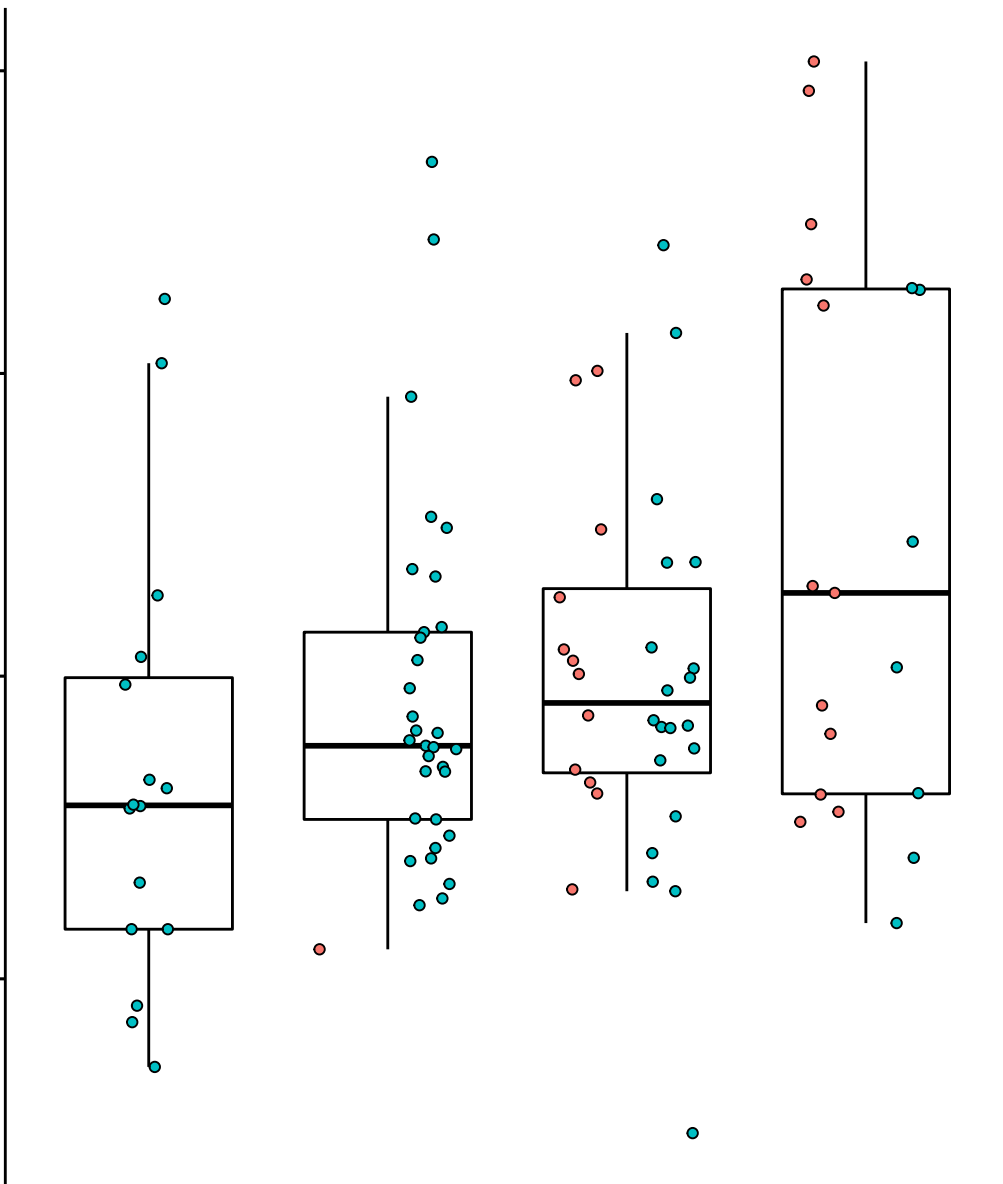
low

medium

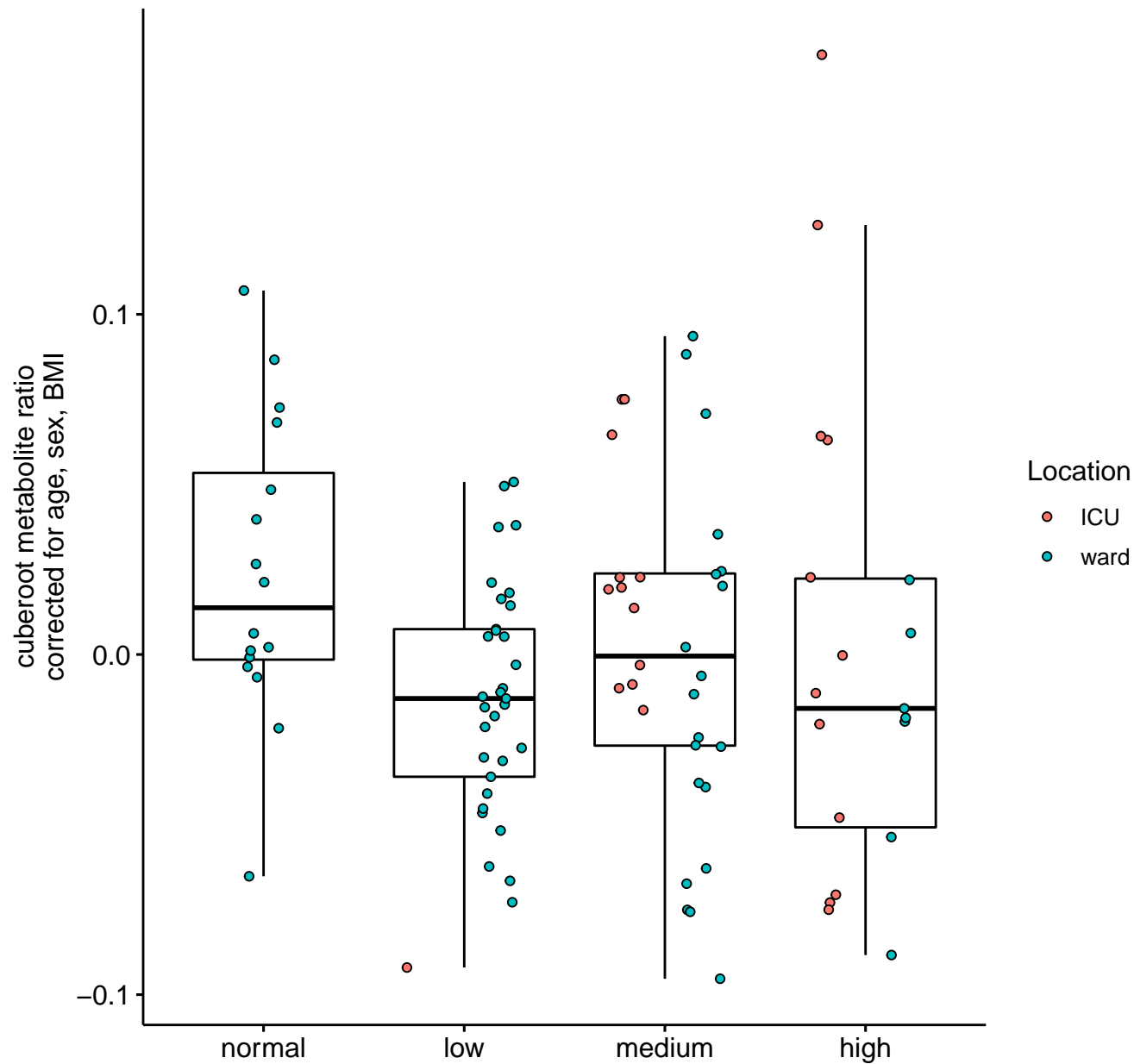
high

Location

ICU
ward

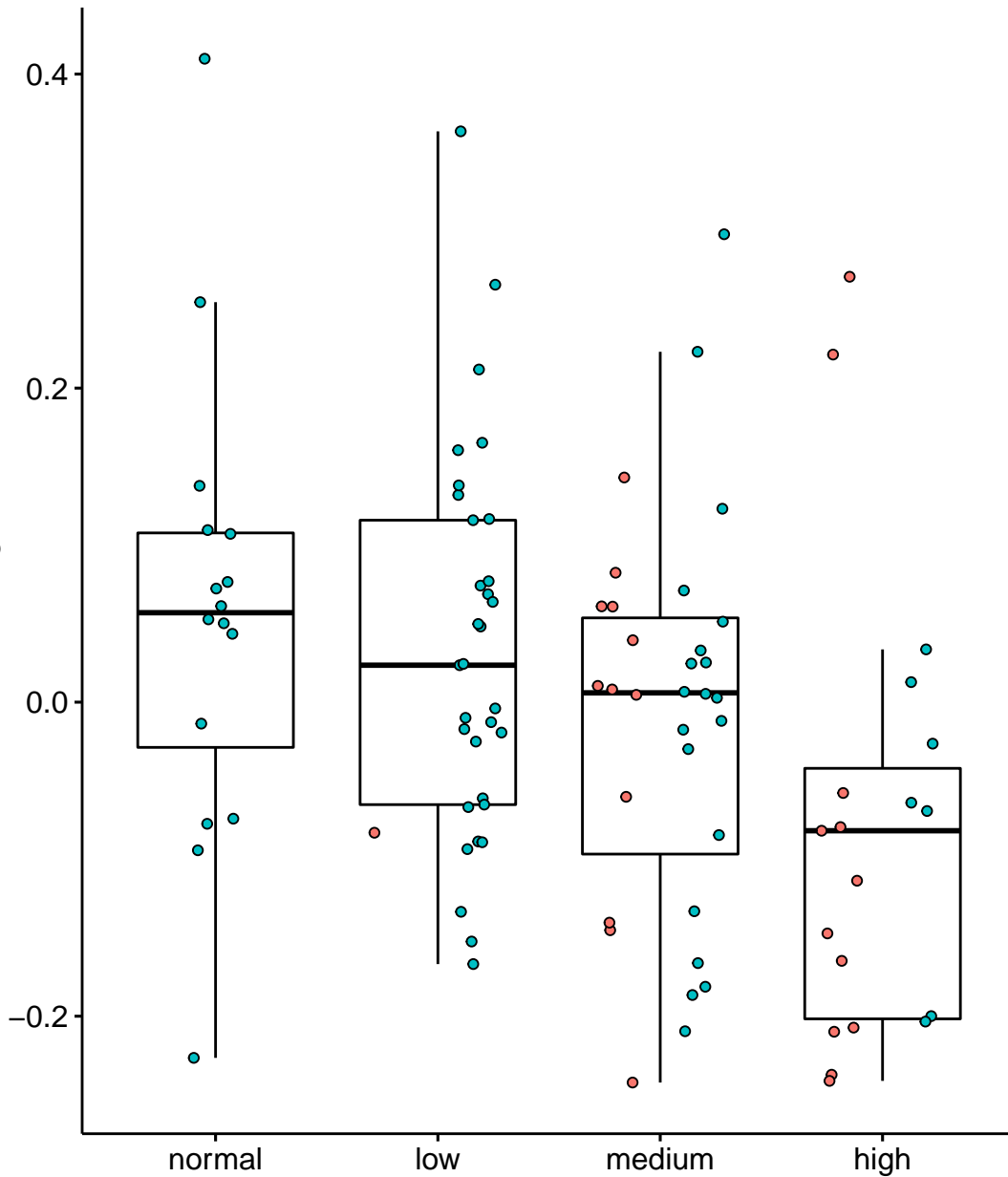


Citrulline_amines



CD8

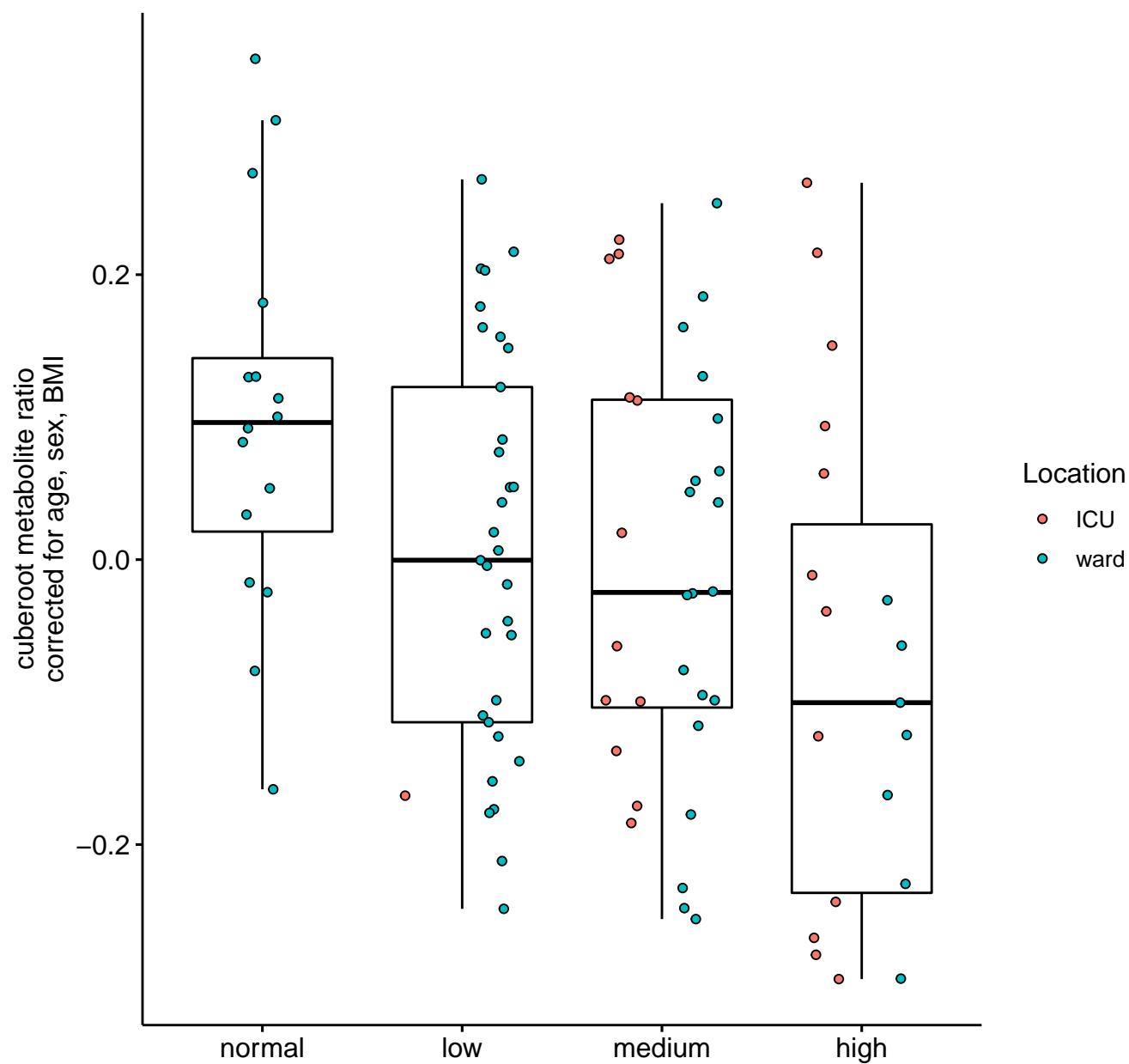
cube root metabolite ratio
corrected for age, sex, BMI



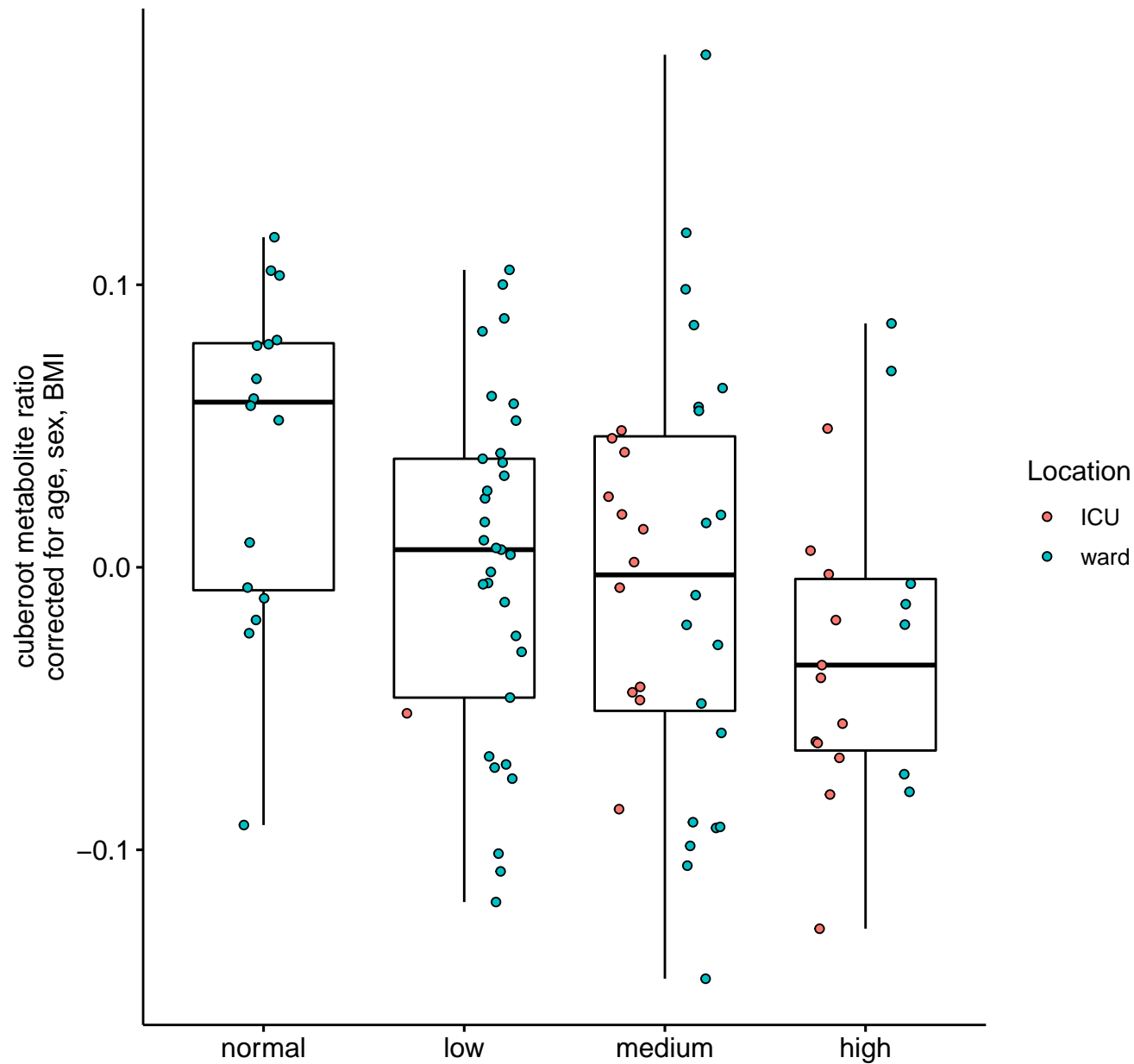
Location

ICU
ward

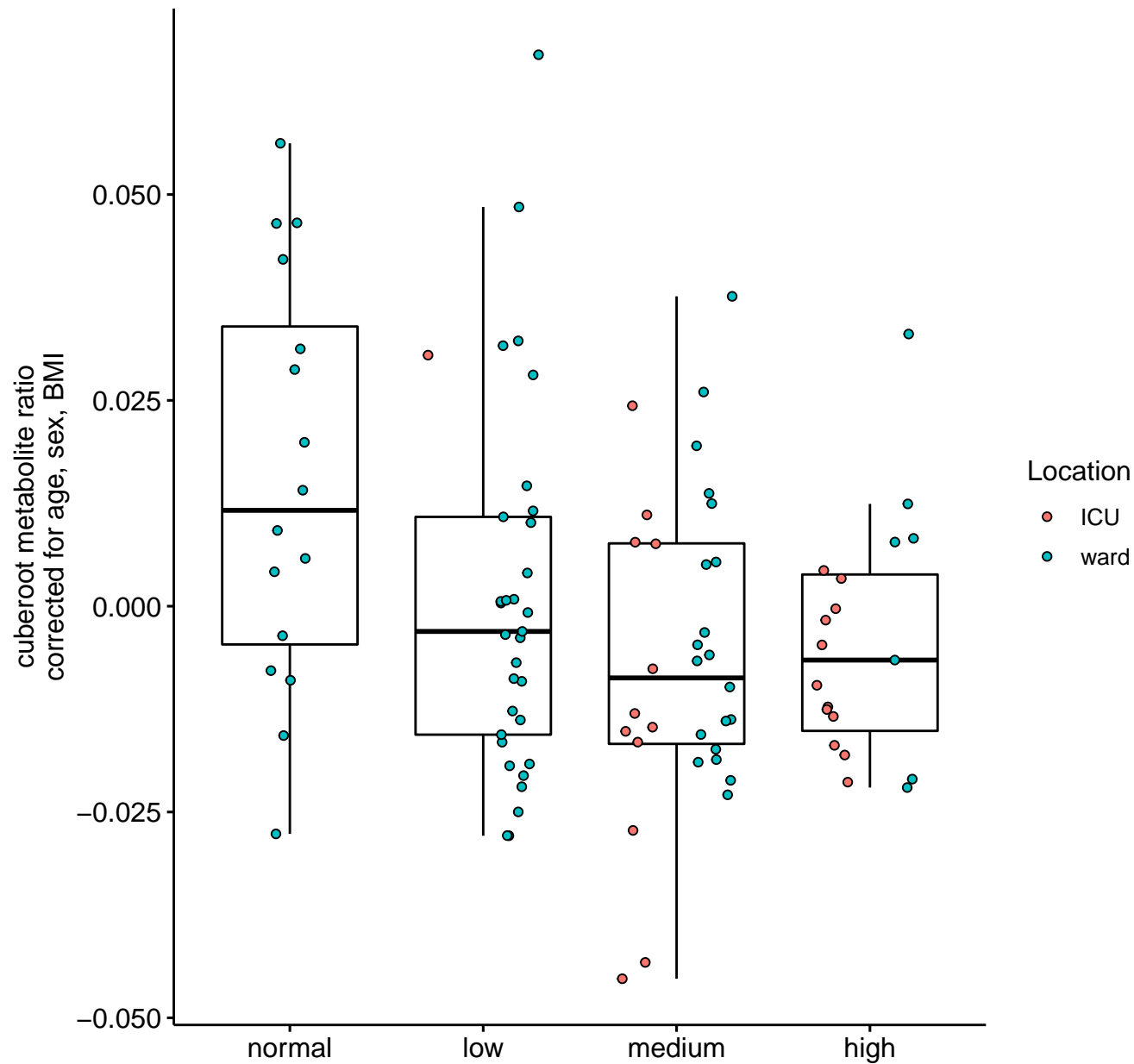
Lymphocytes



L.Asparagine_amines

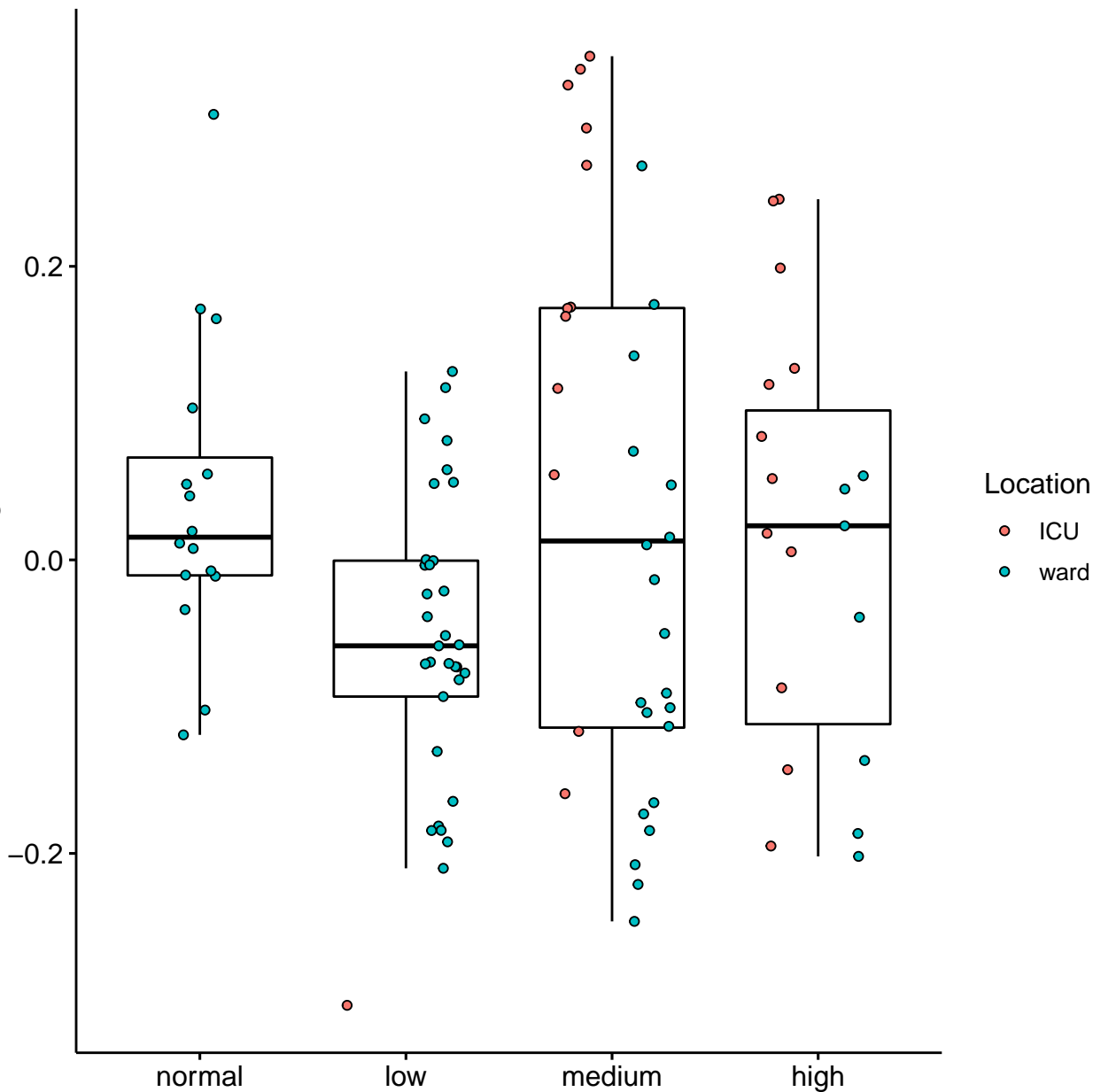


Gamma.Glutamylglutamine_amines



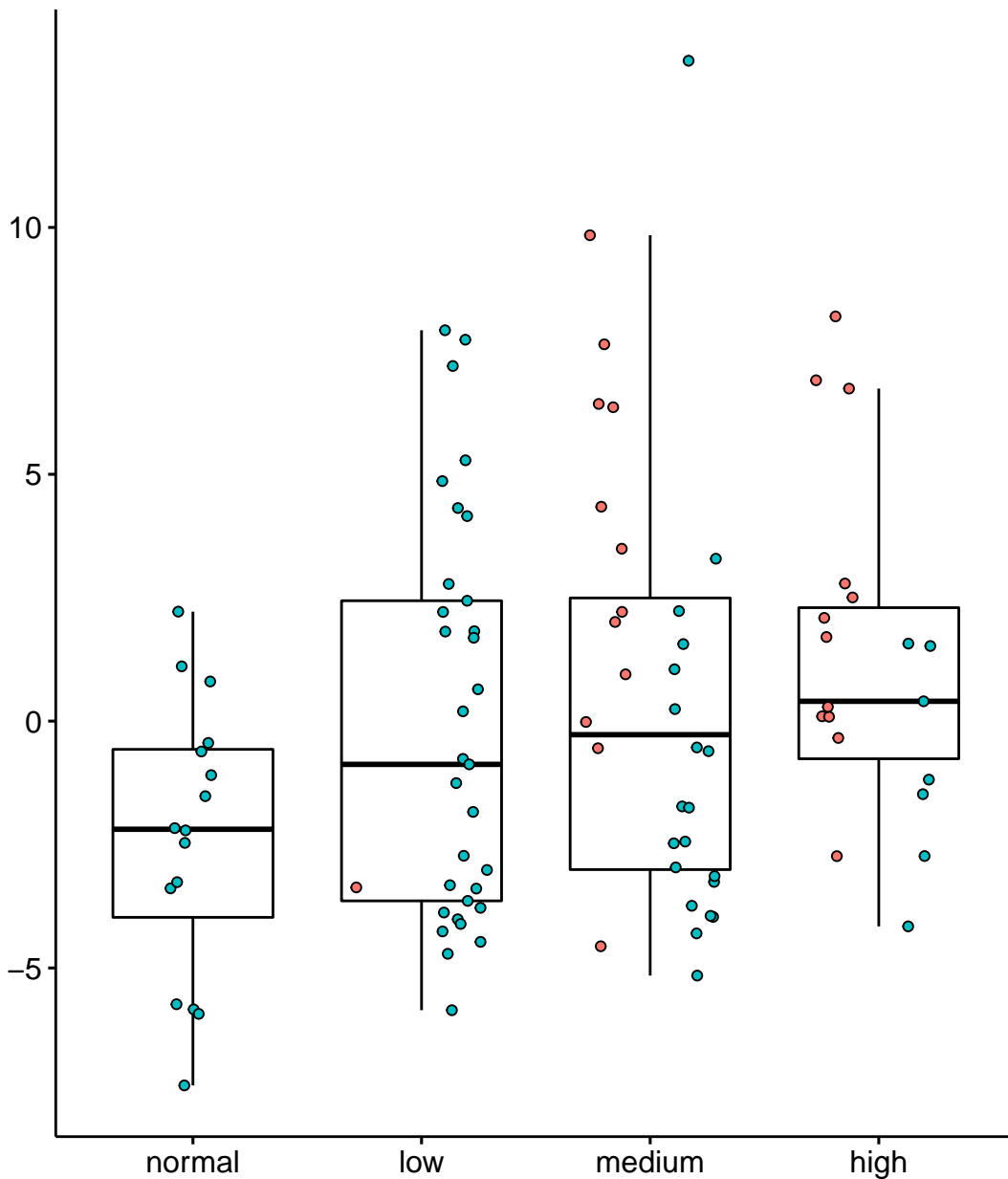
L.Proline_amines

cube root metabolite ratio
corrected for age, sex, BMI

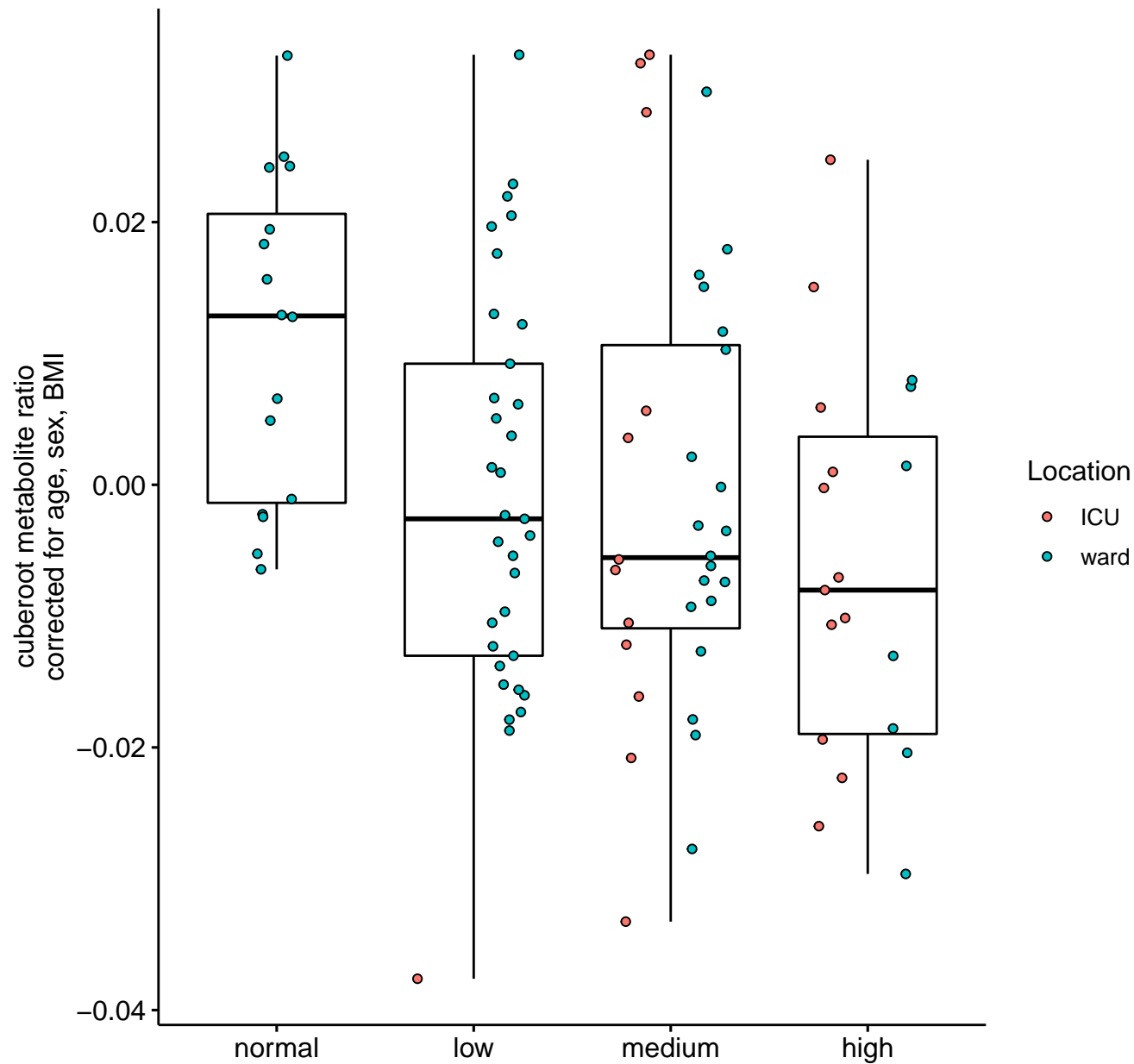


IL18

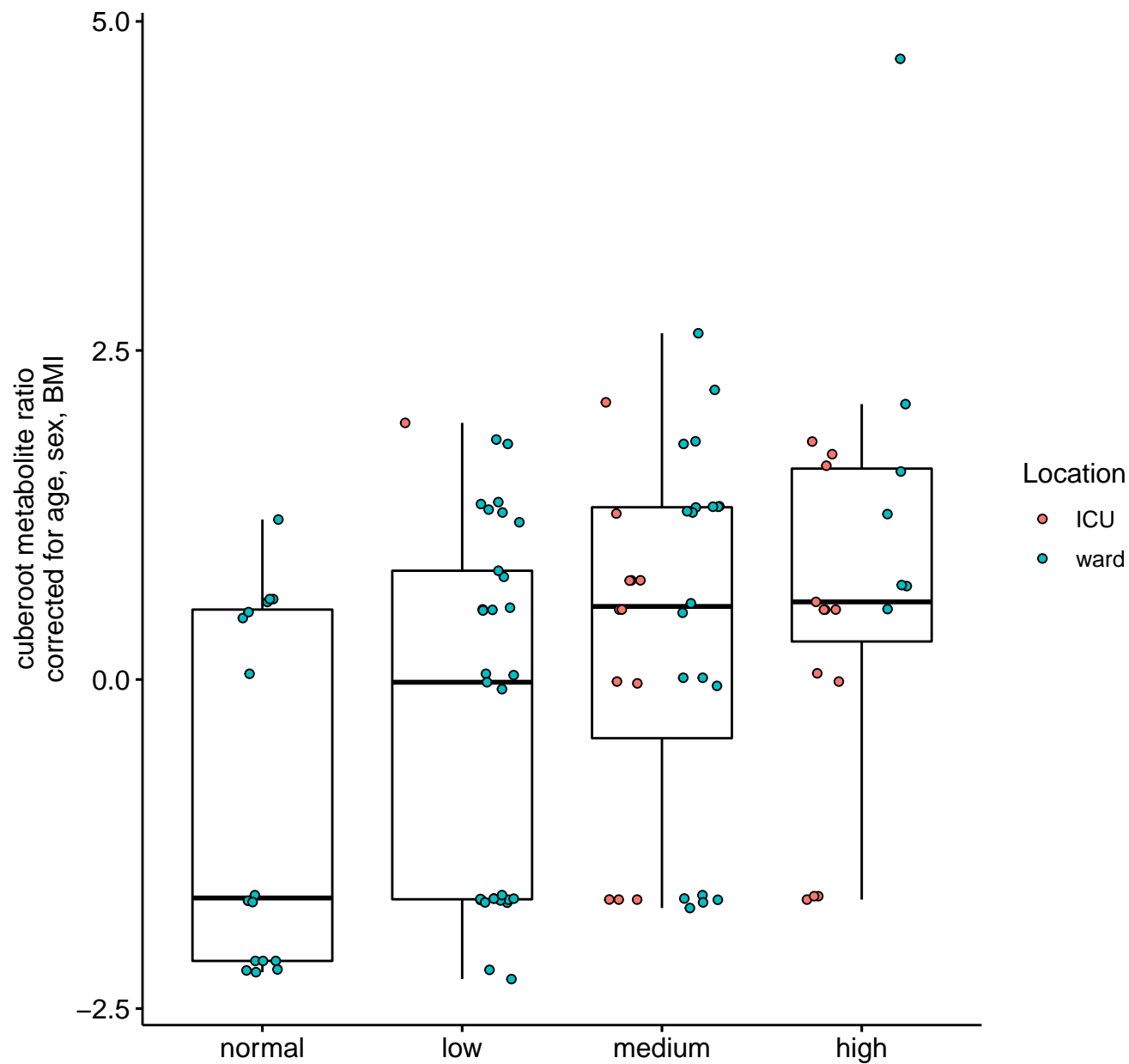
cuberoor metabolite ratio
corrected for age, sex, BMI



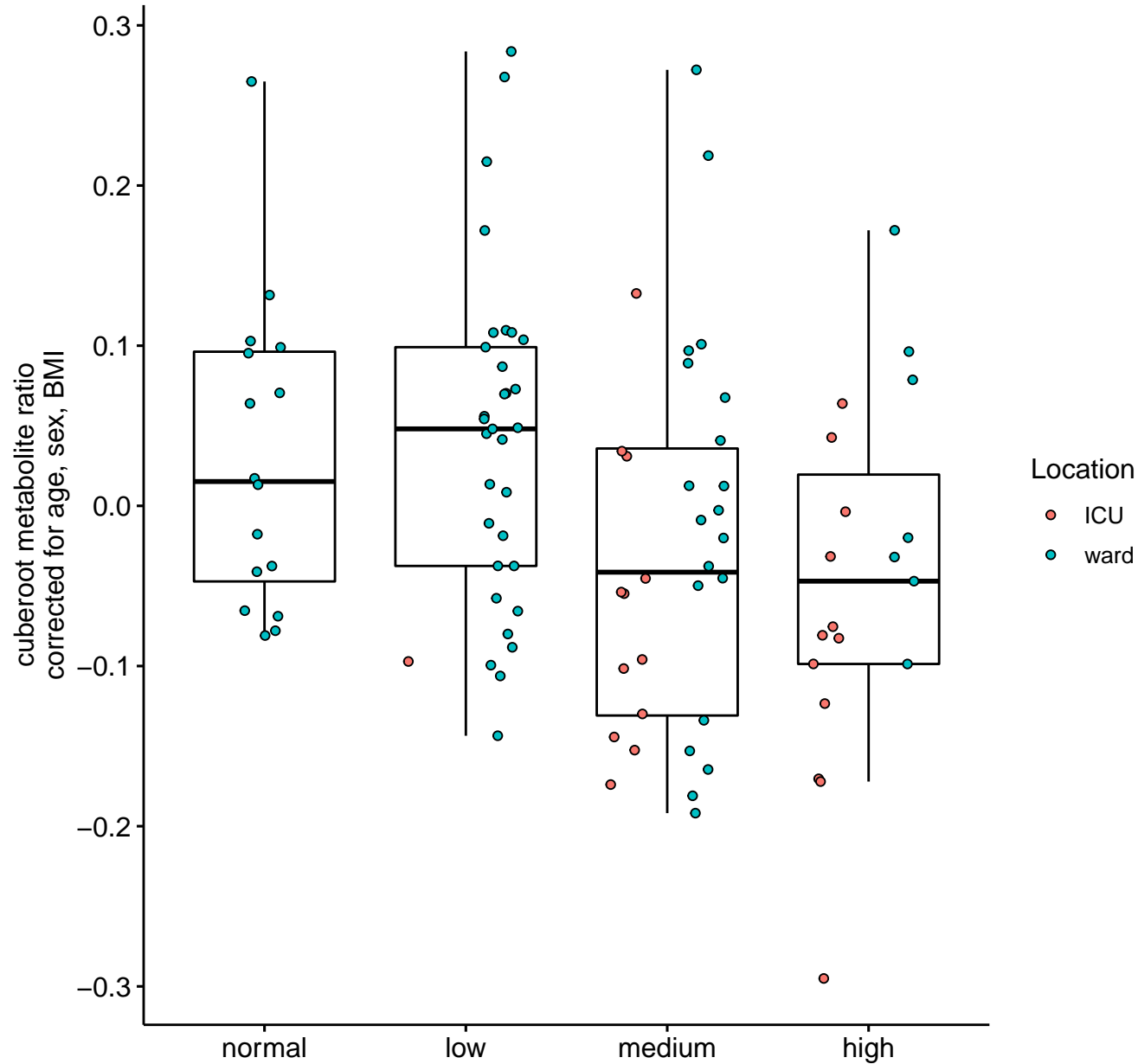
O.Acetyl.L.serine_amines_wc



IL12p70

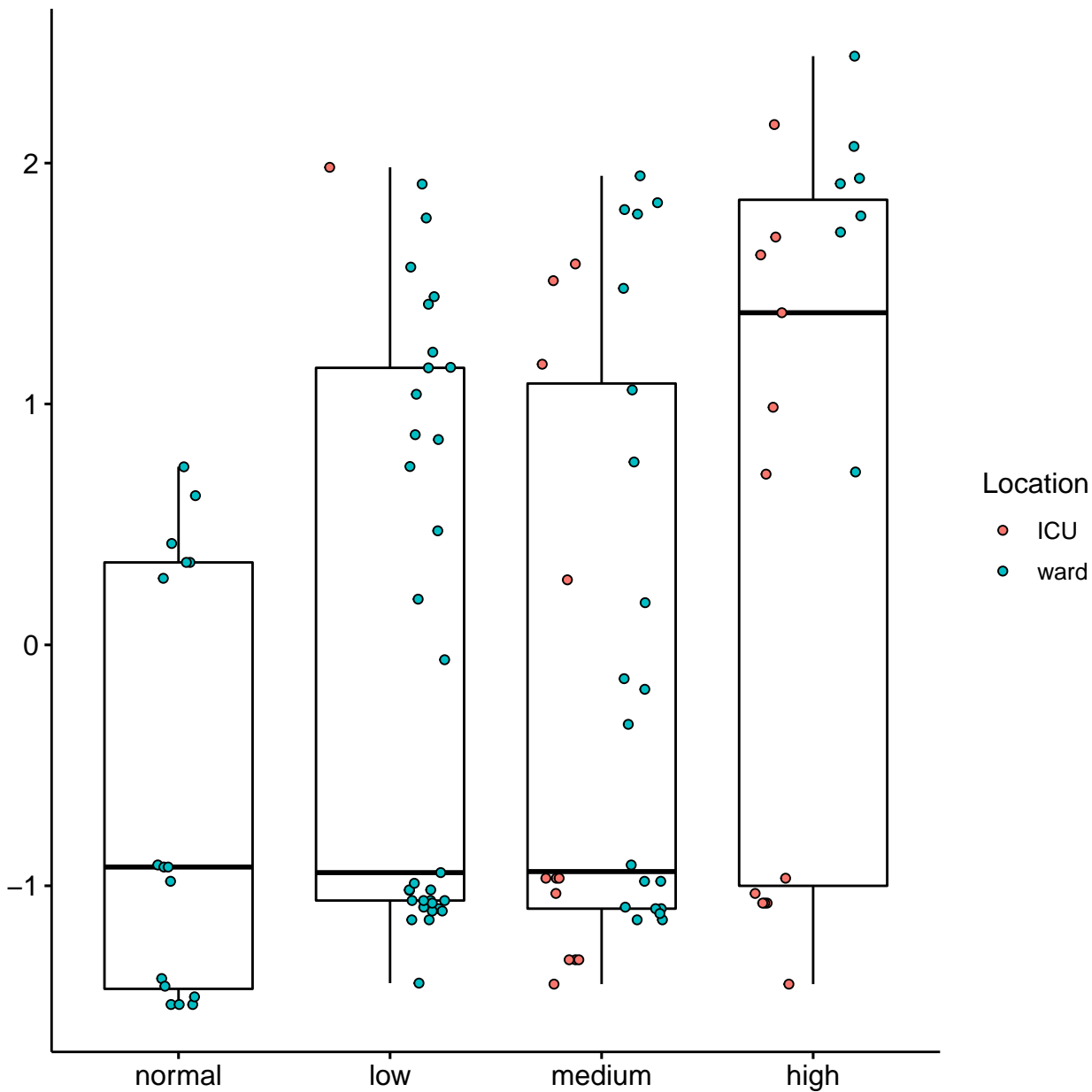


L.Alpha.aminobutyric.acid_amines



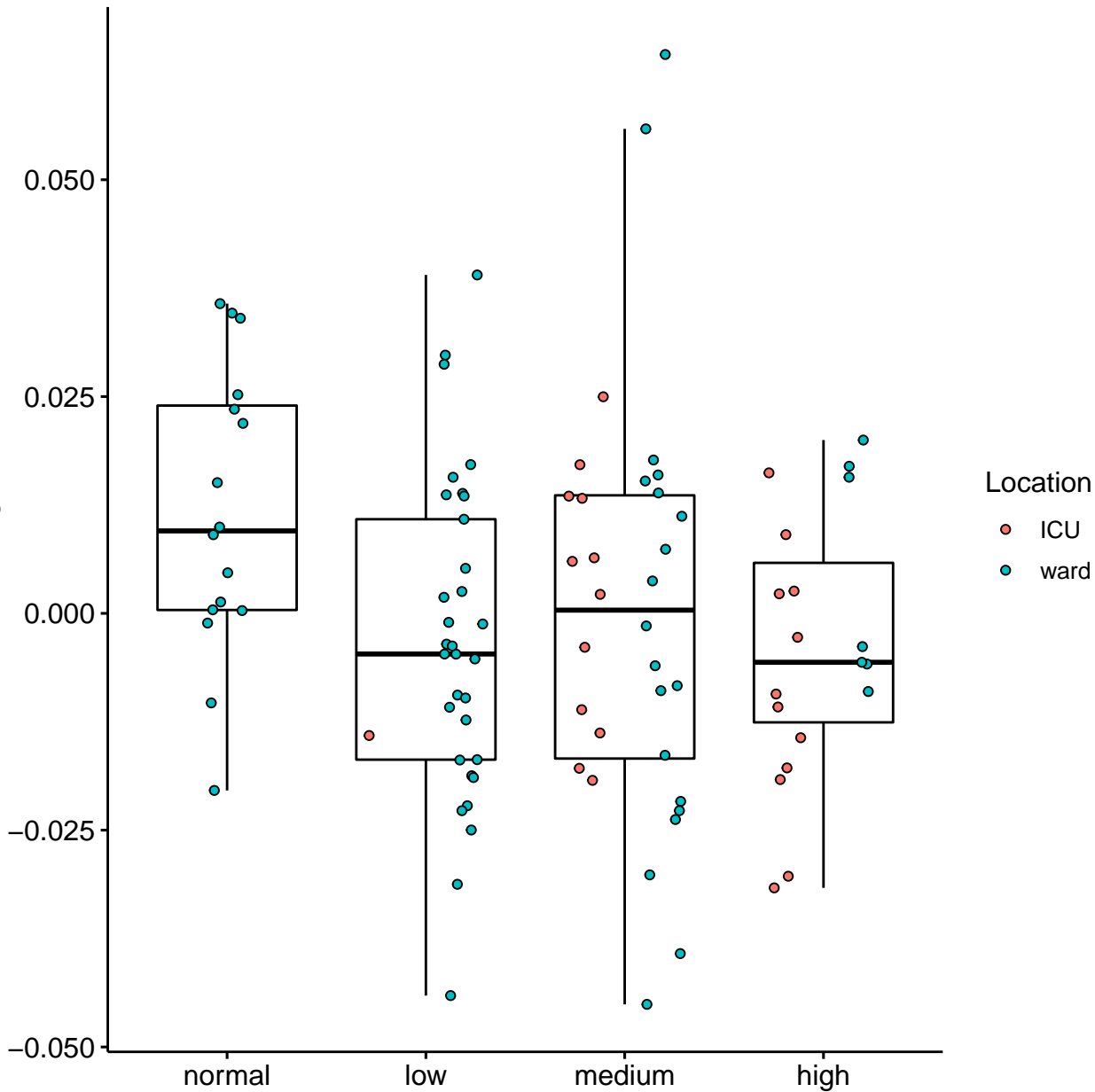
IL10

cube root metabolite ratio
corrected for age, sex, BMI

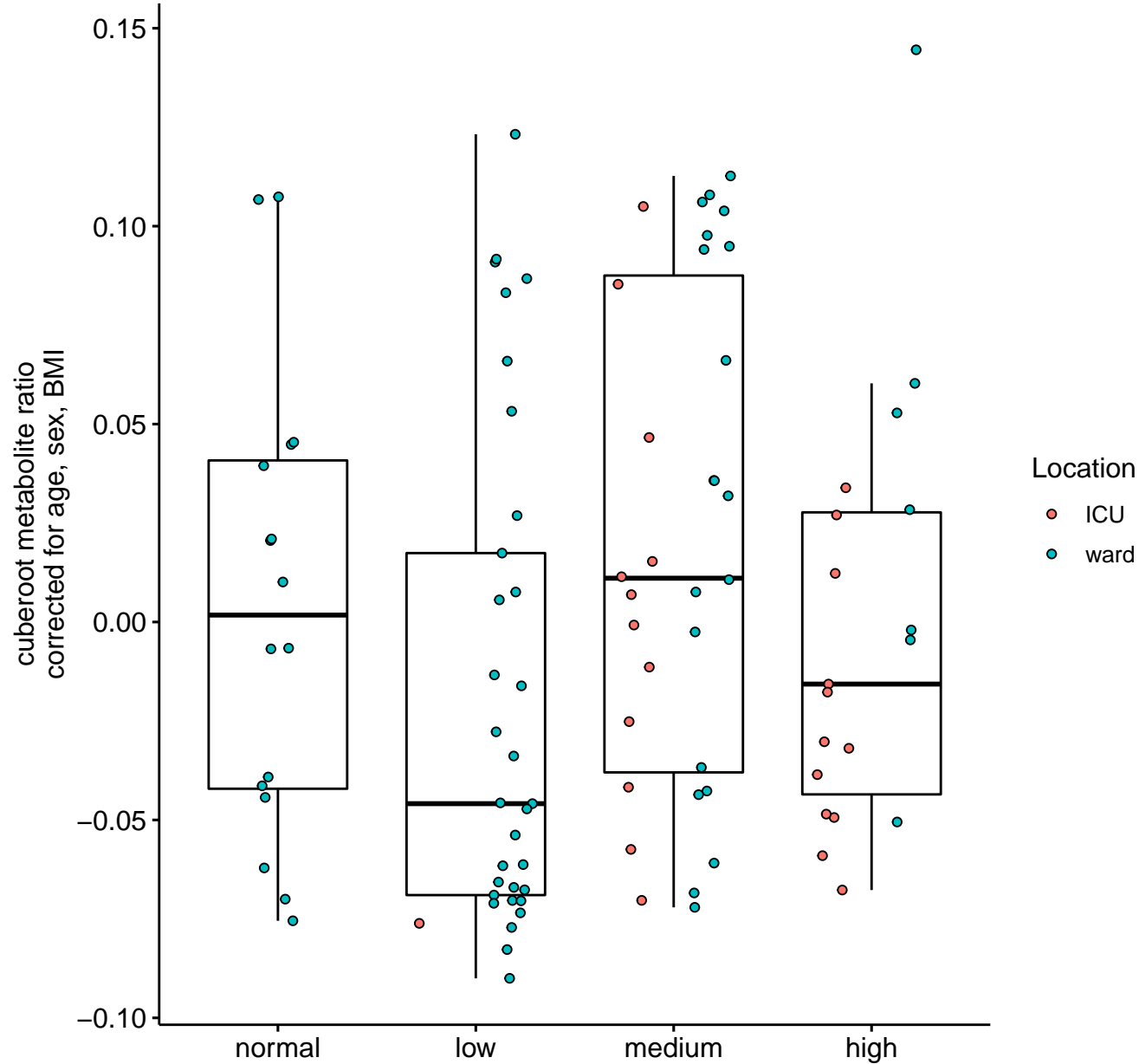


L.Histidine_amines

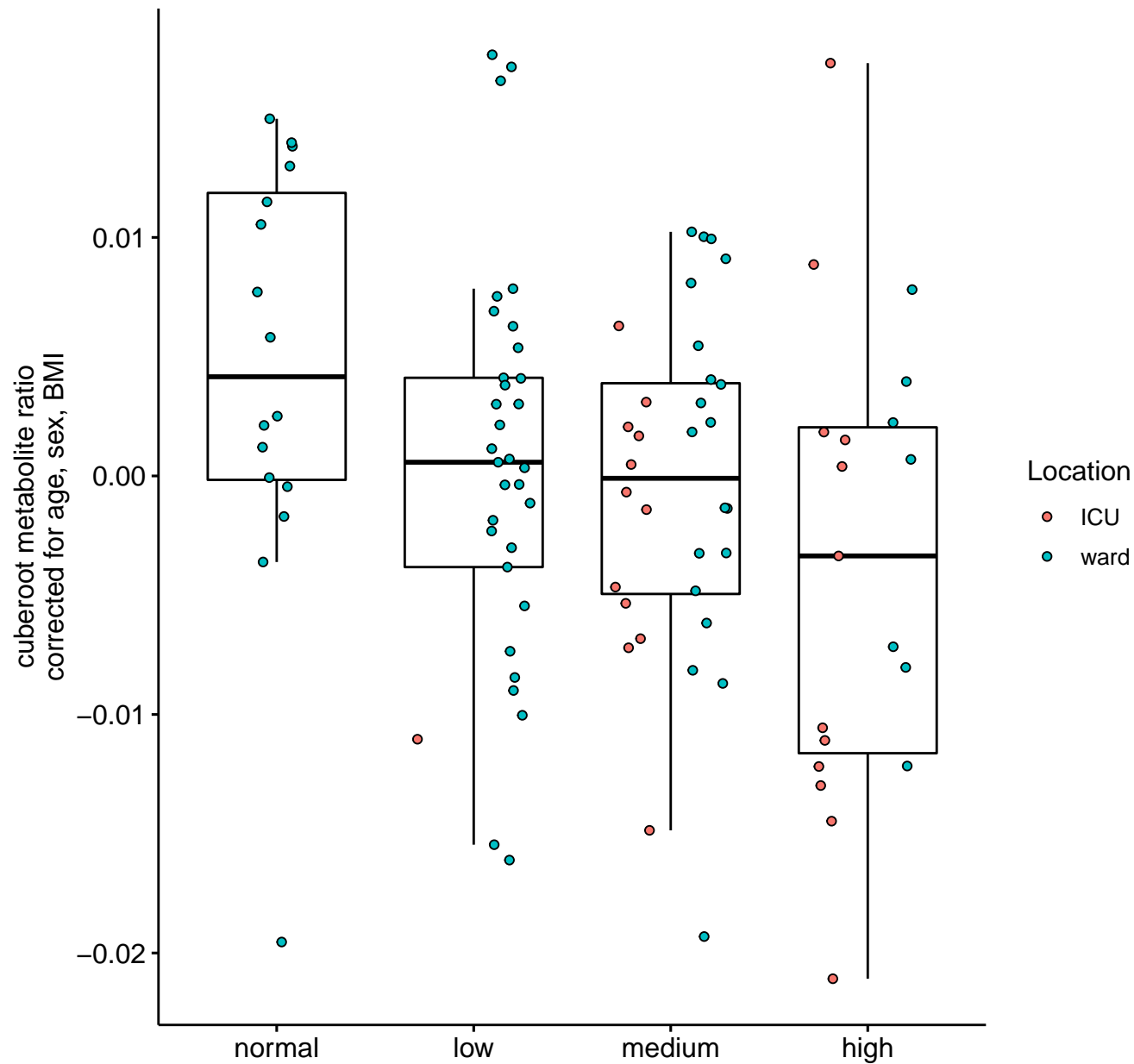
cube root metabolite ratio
corrected for age, sex, BMI



Glycylproline_amines

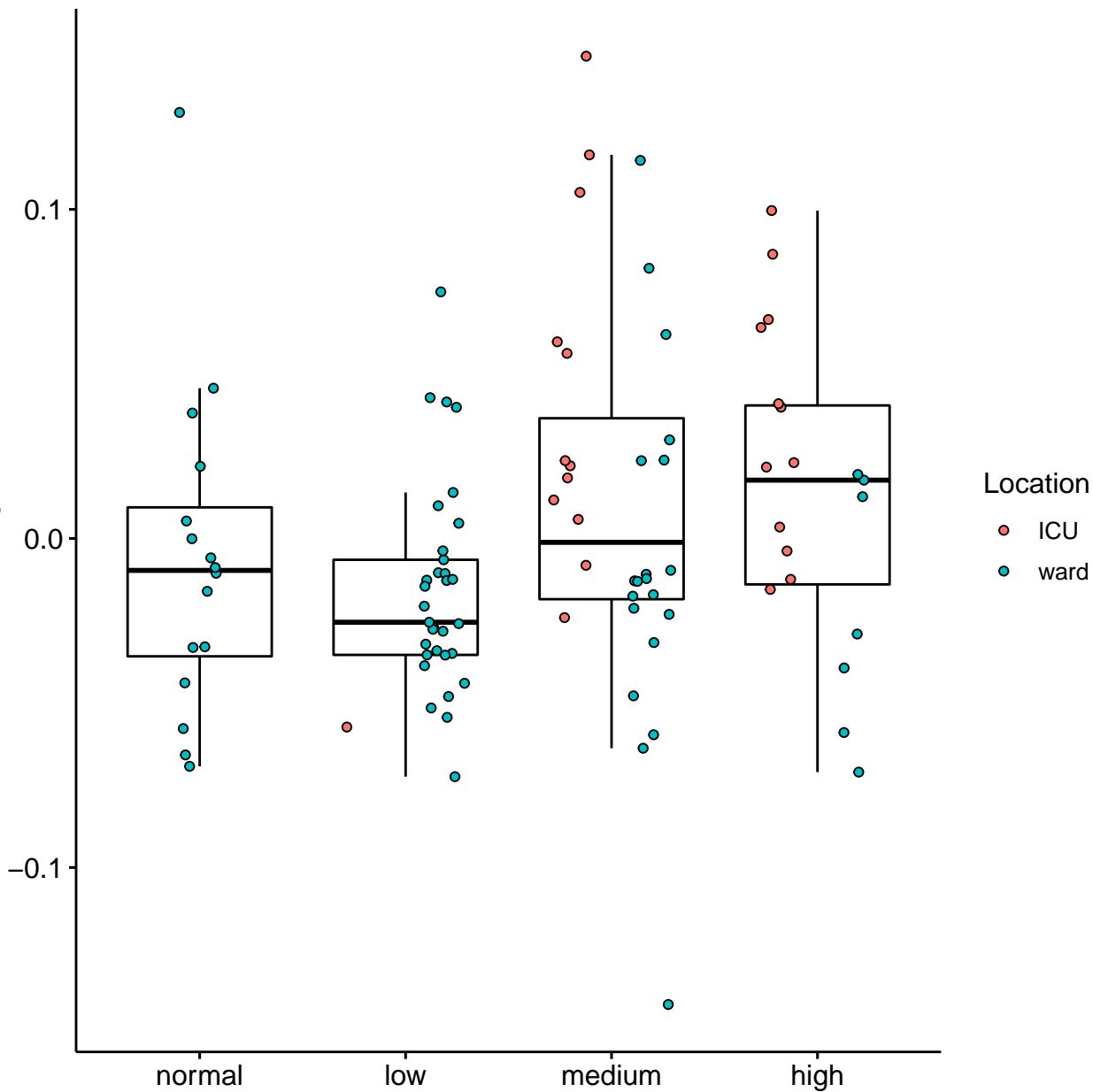


L.Carnosine_amines

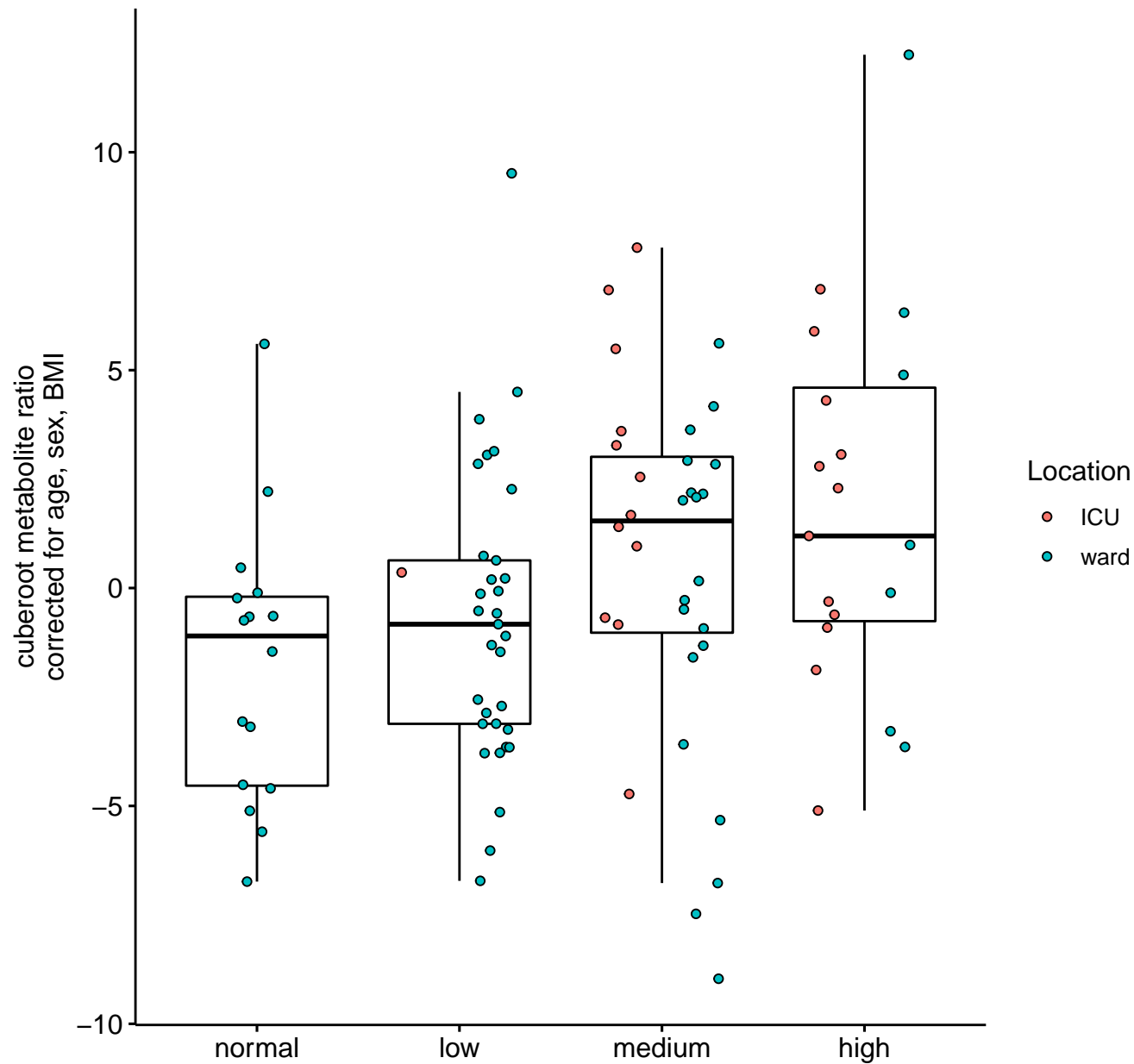


Homocitrulline_amines

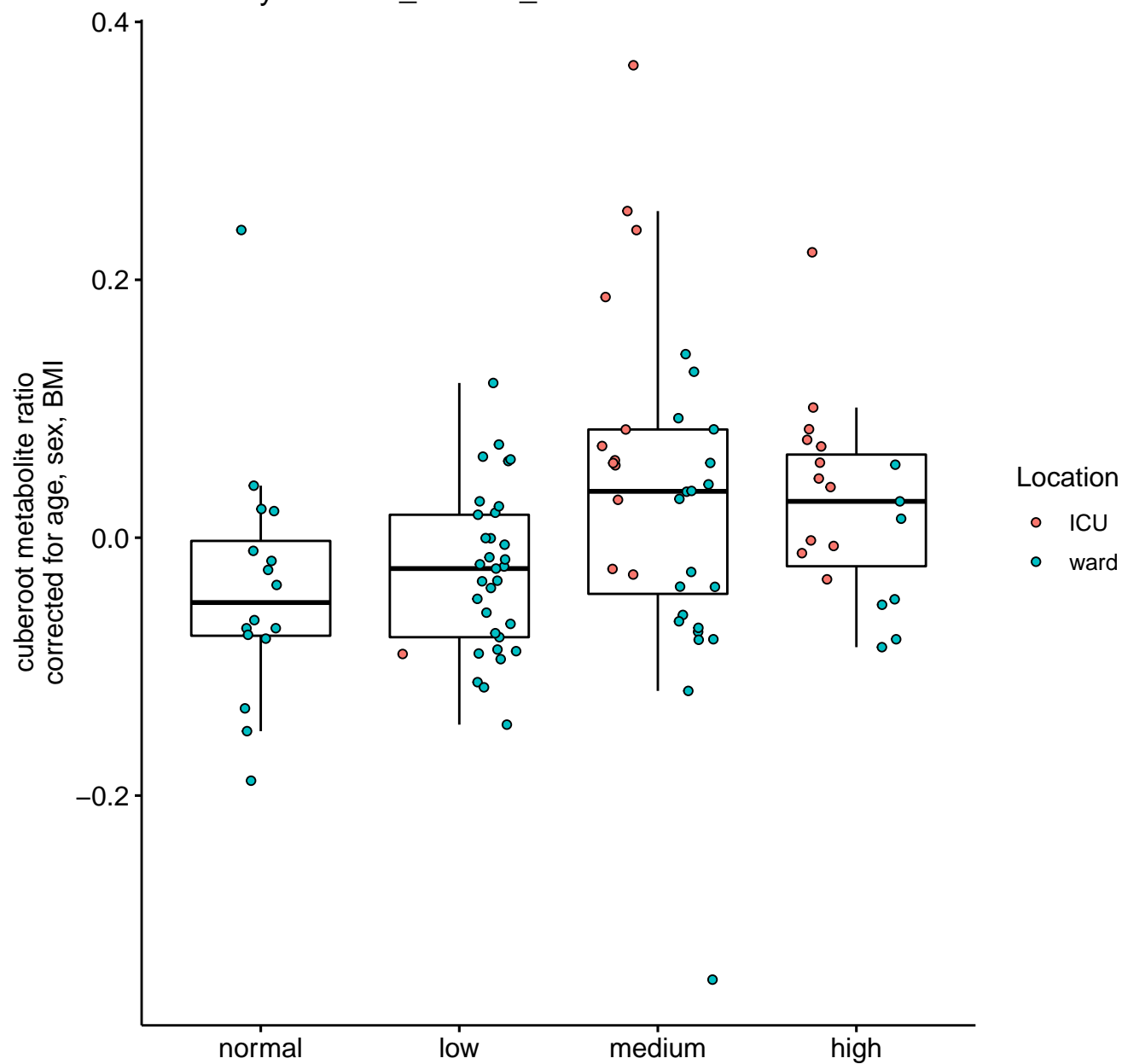
cube root metabolite ratio
corrected for age, sex, BMI



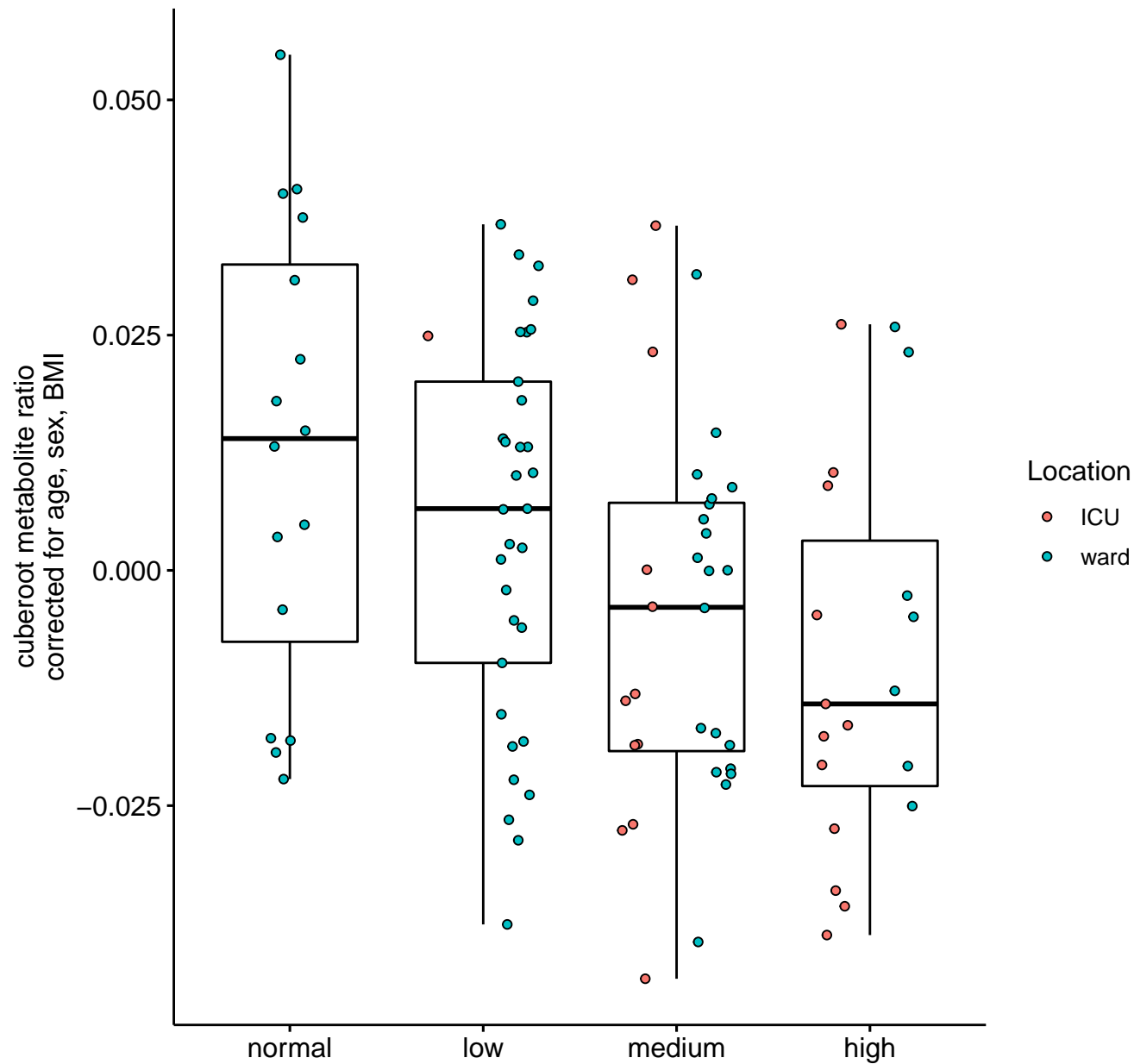
GALECTIN9



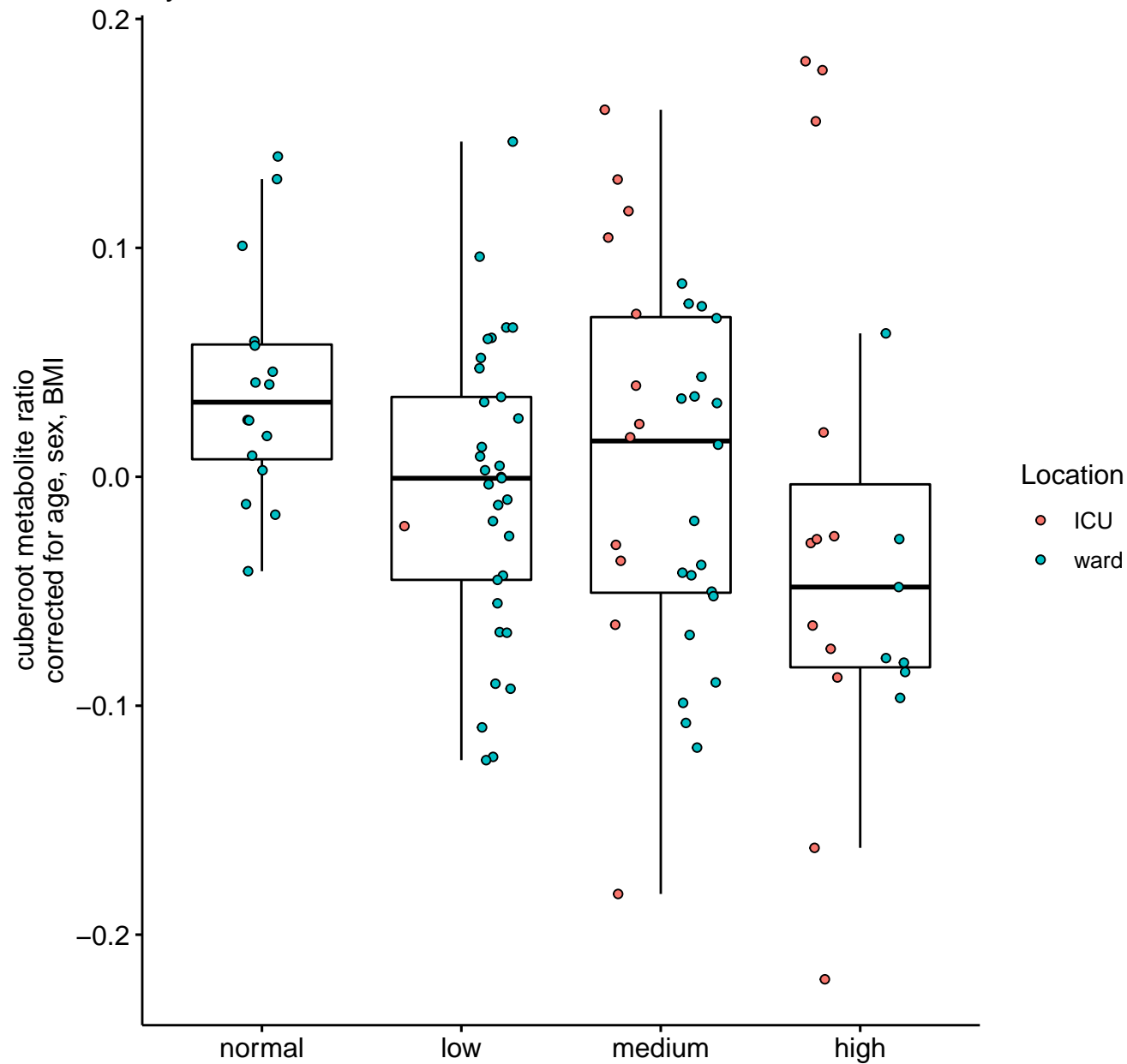
X1.Methylhistidine_amines_wc



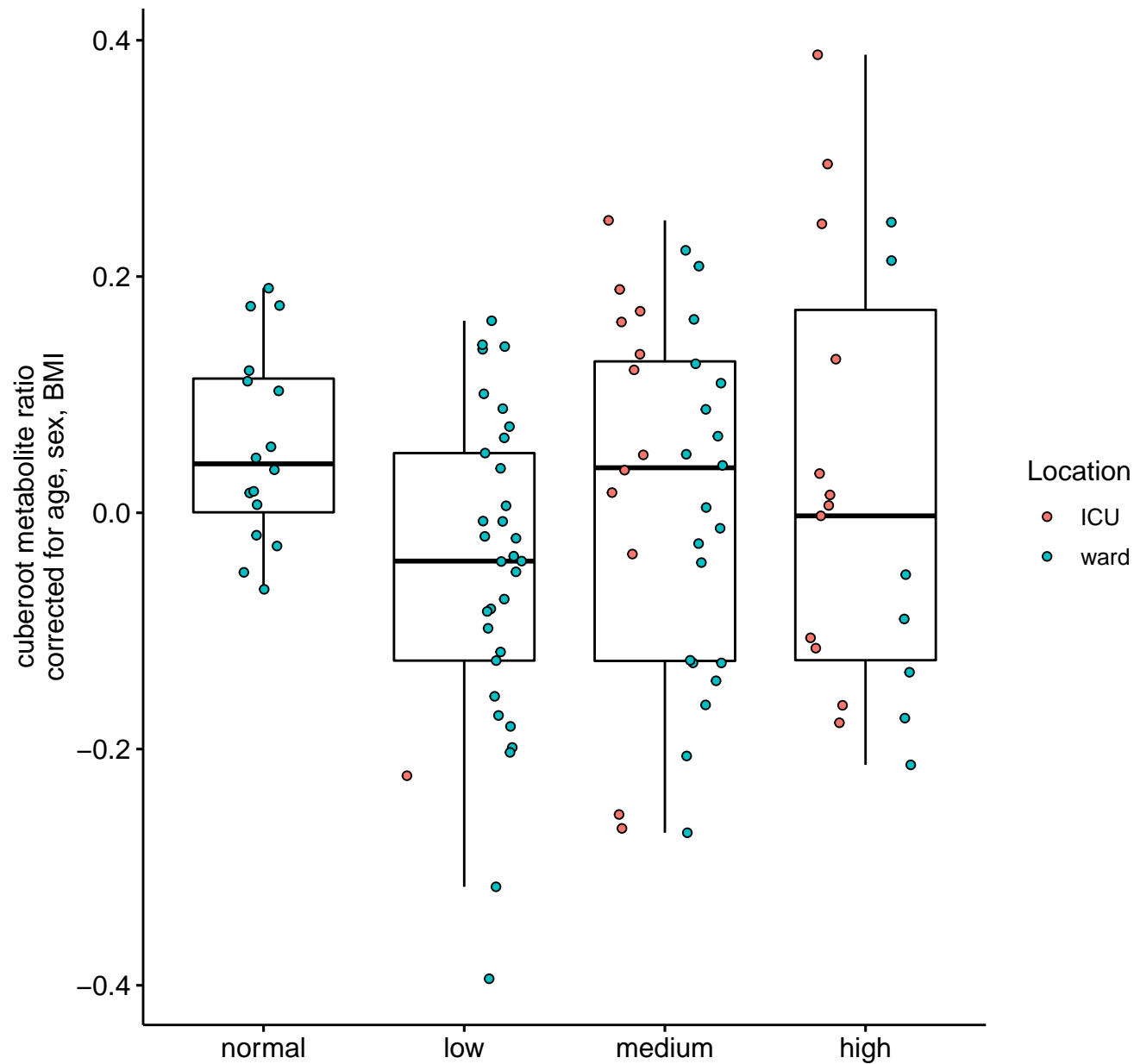
Gamma.L.glutamyl.L.alanine_amines



Cysteine_amines



L.Tyrosine_amines



Leukocytes

cube root metabolite ratio
corrected for age, sex, BMI

0.75
0.50
0.25
0.00
-0.25
-0.50

normal

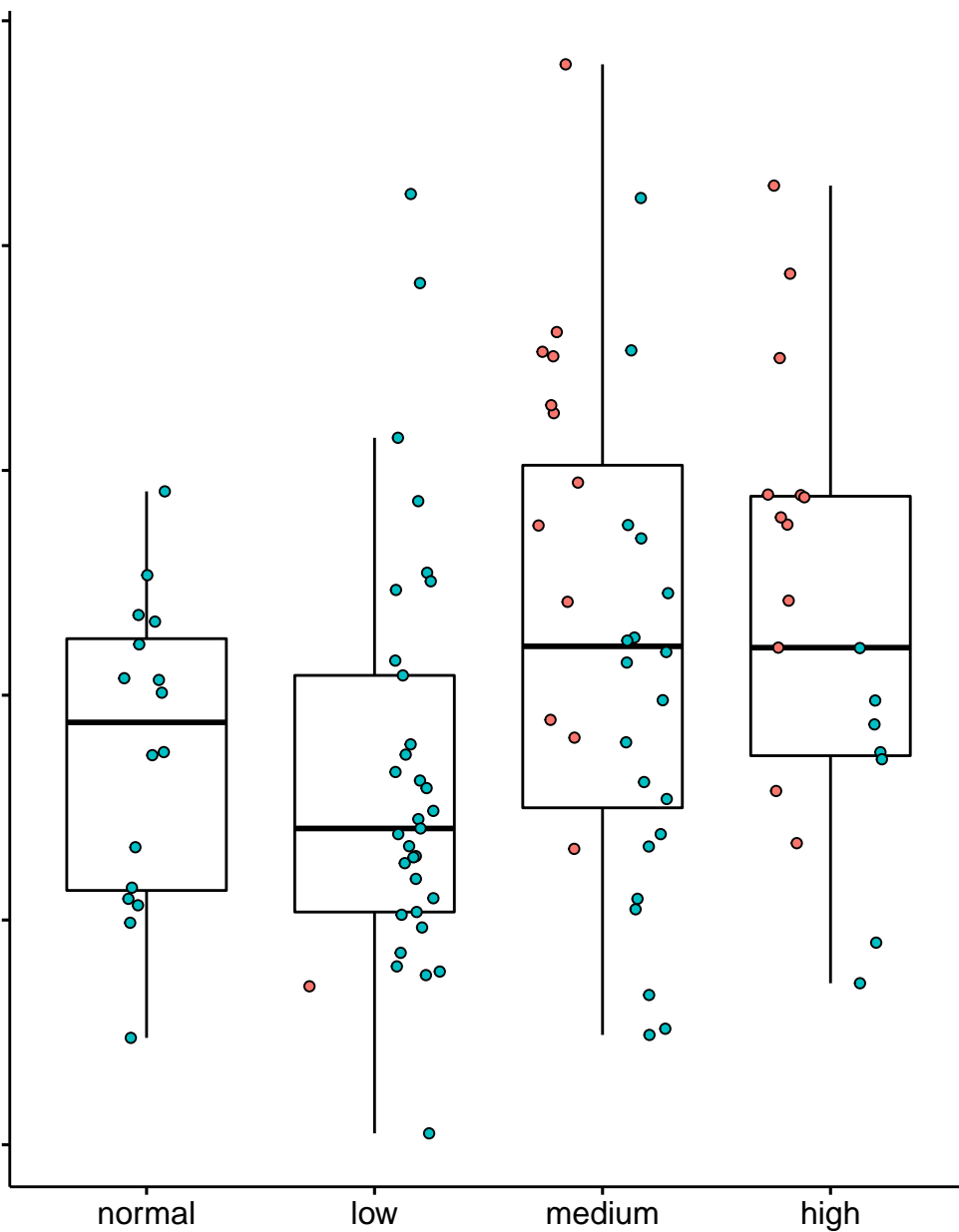
low

medium

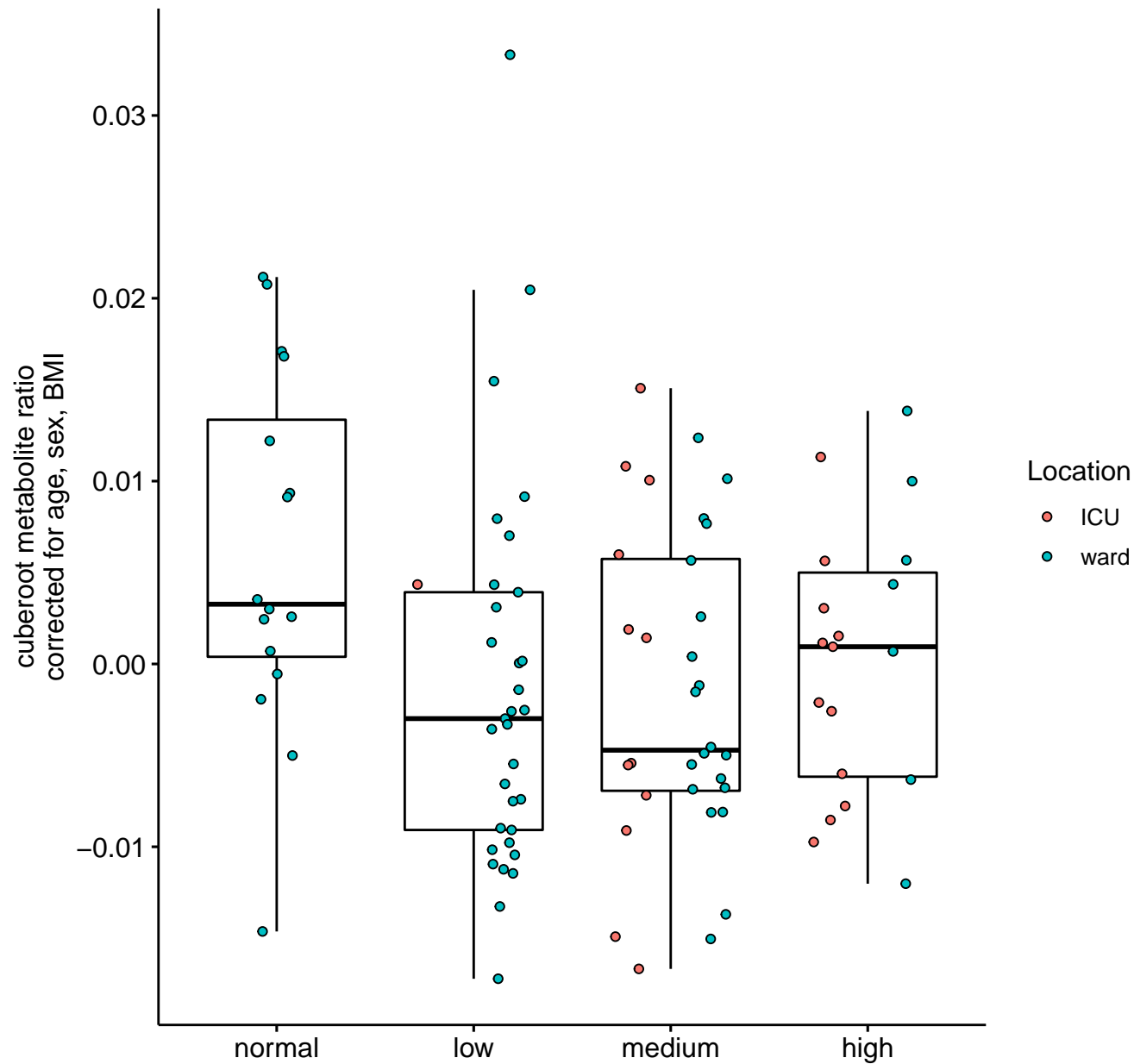
high

Location

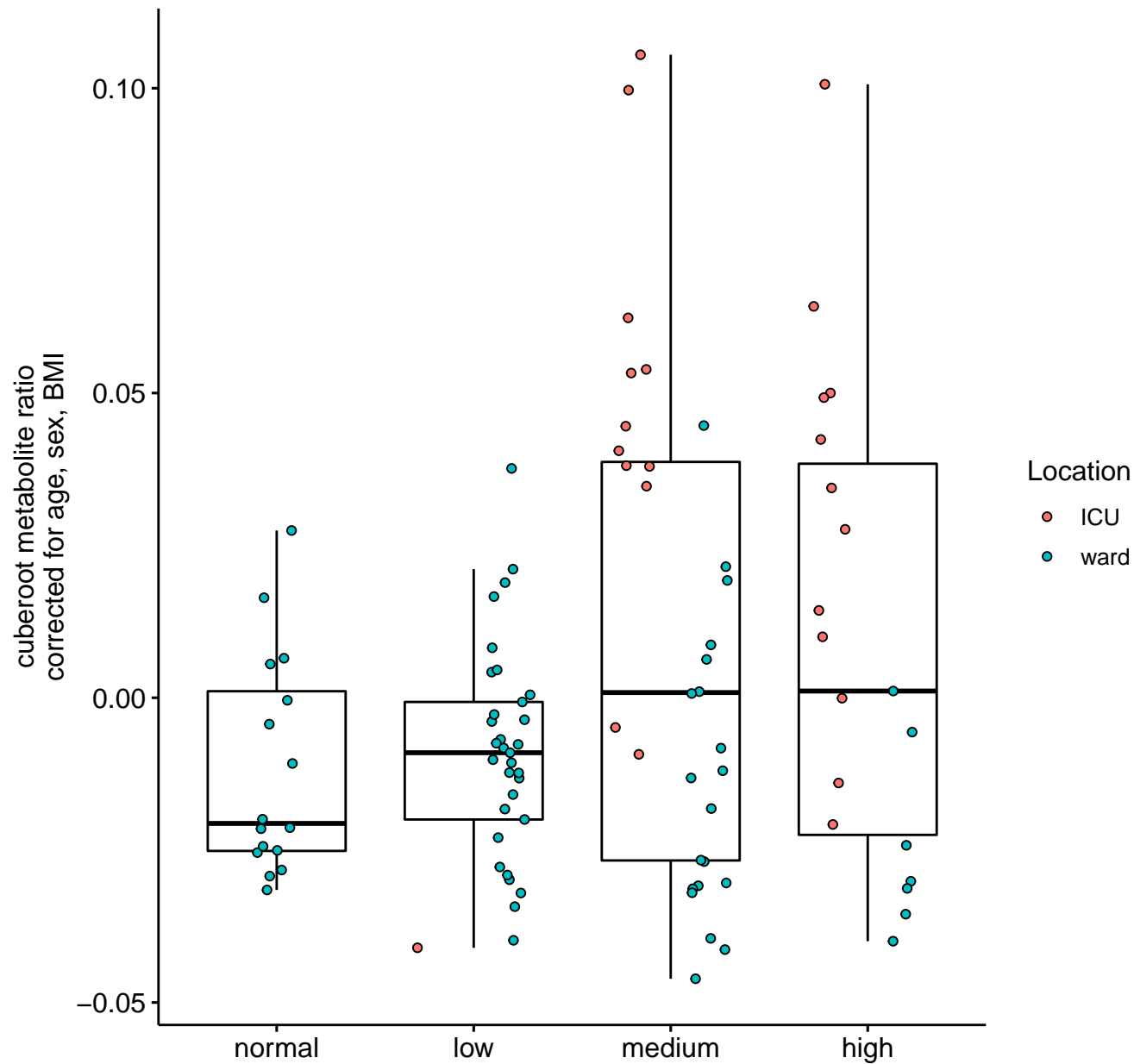
ICU
ward



Saccharopine_amines_wc

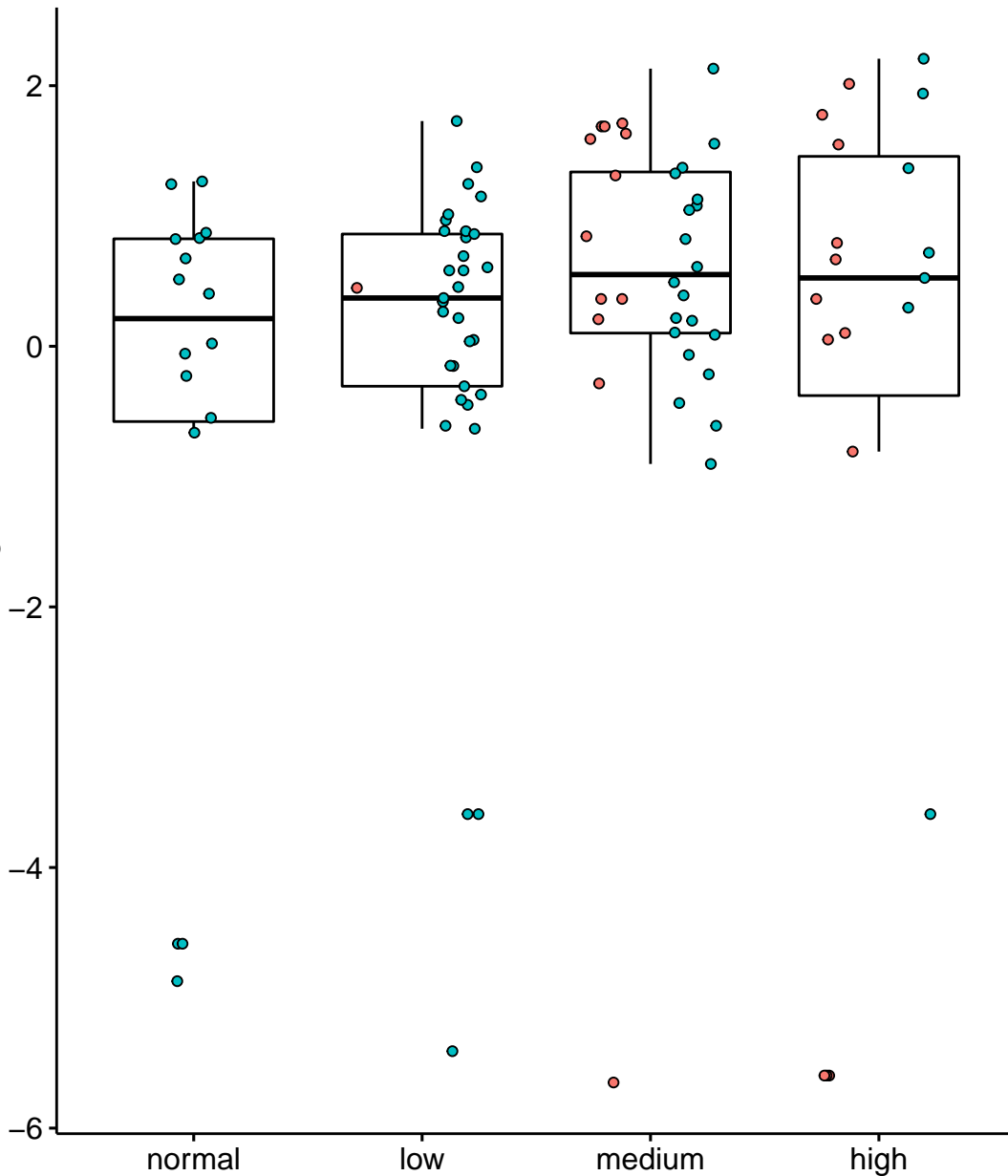


Hydroxylysine_amines



CCL3

cube root metabolite ratio
corrected for age, sex, BMI

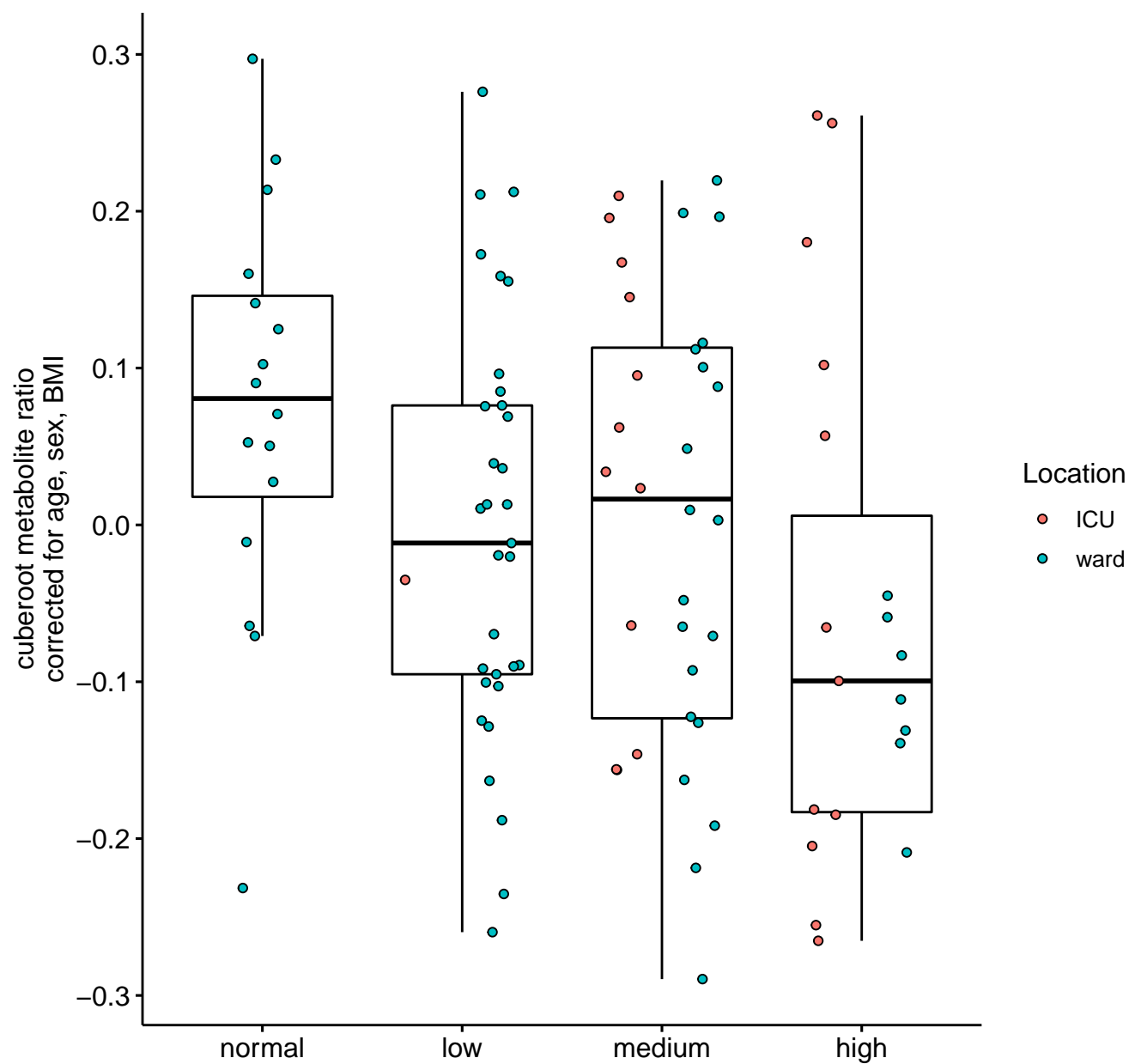


Location

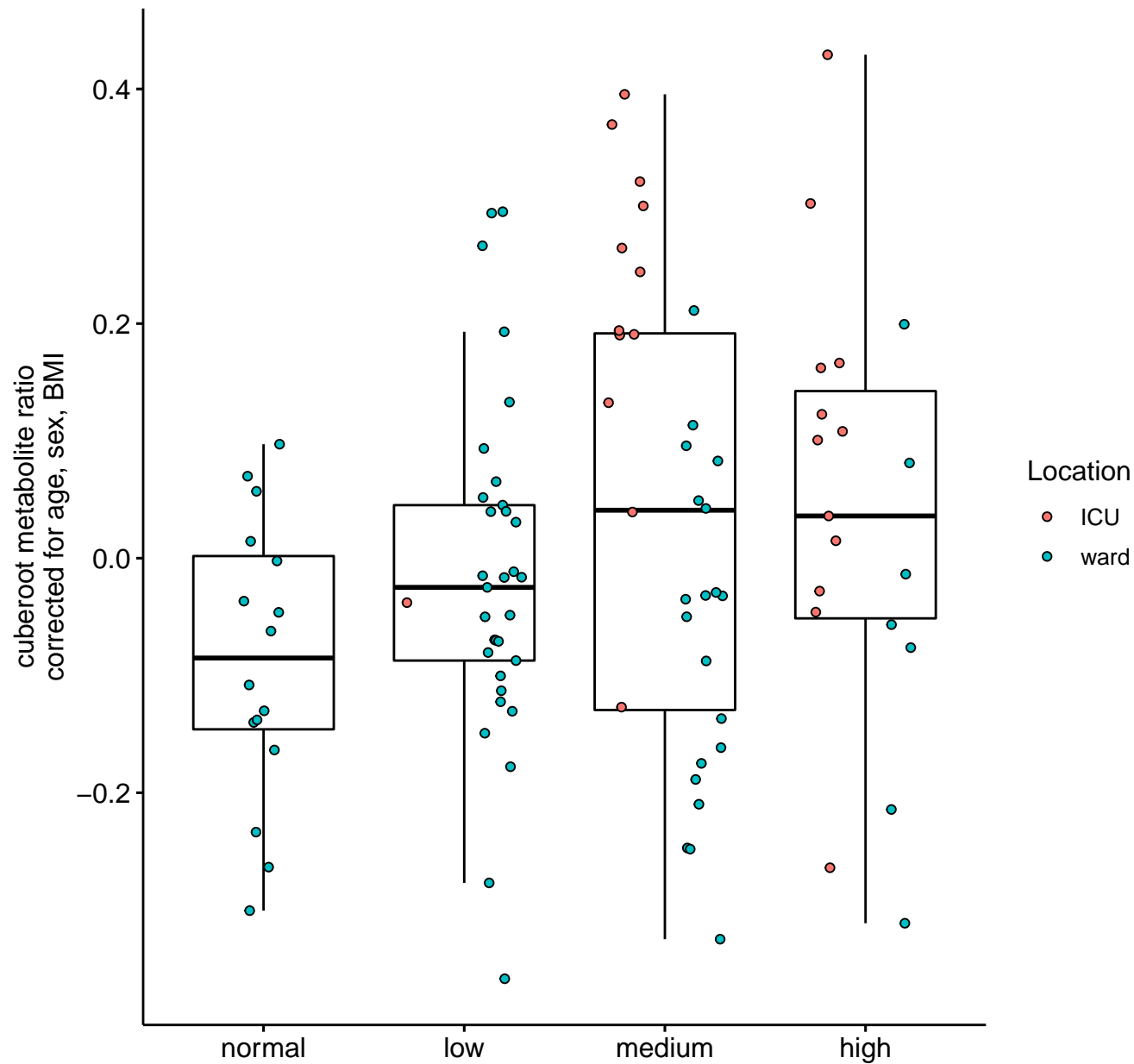
ICU

ward

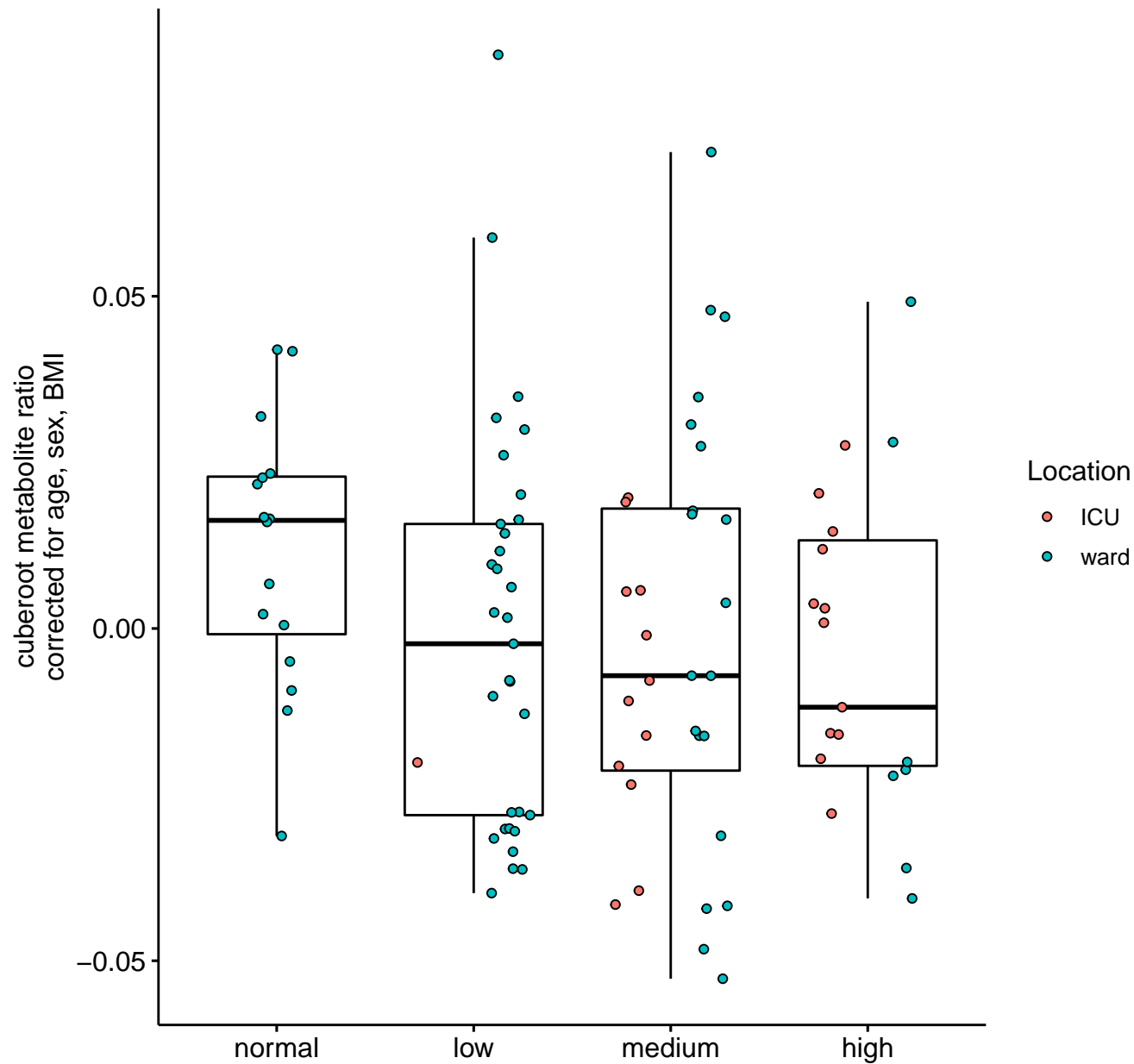
T_Cells



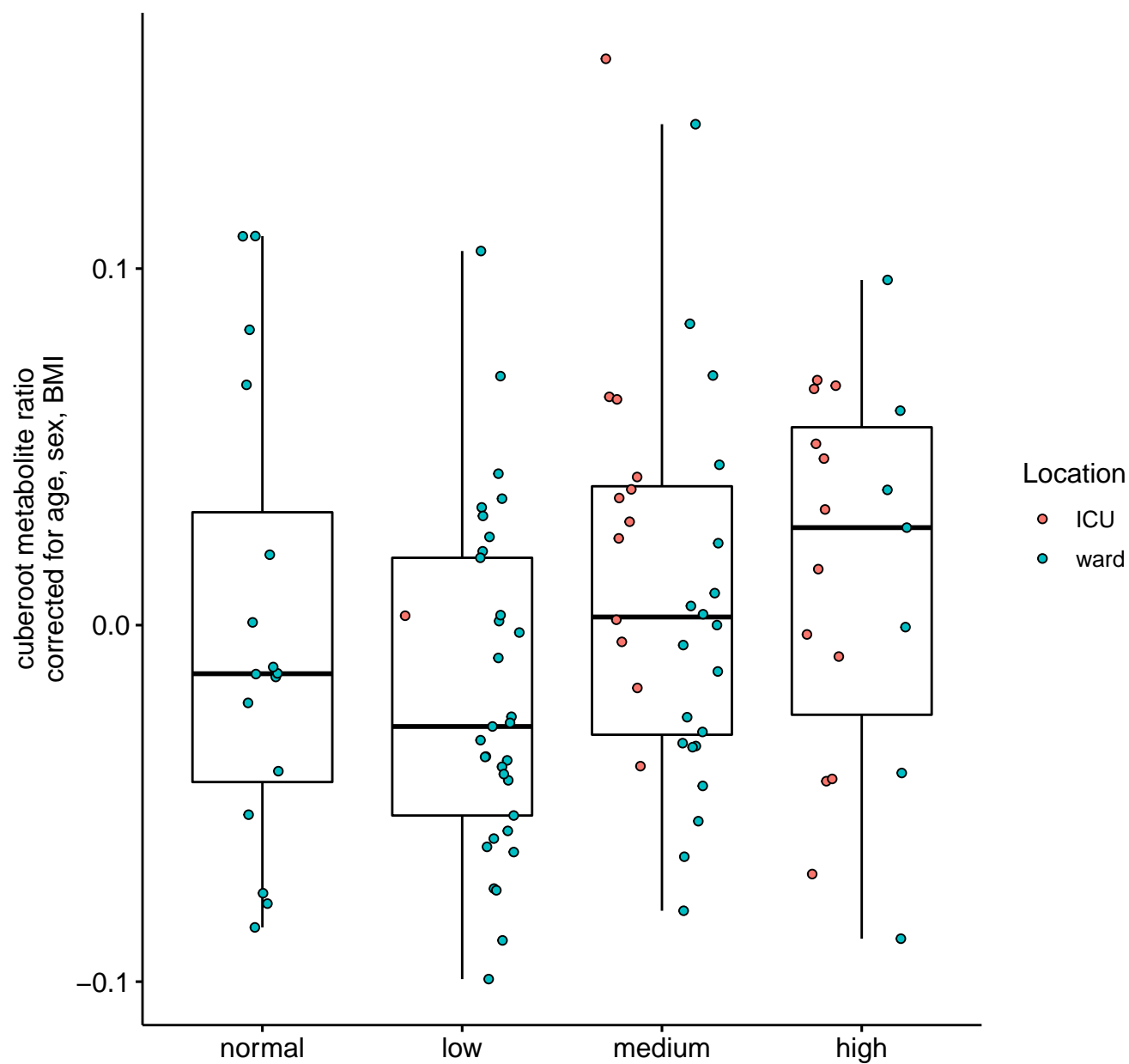
L.Glutamic.acid_amines



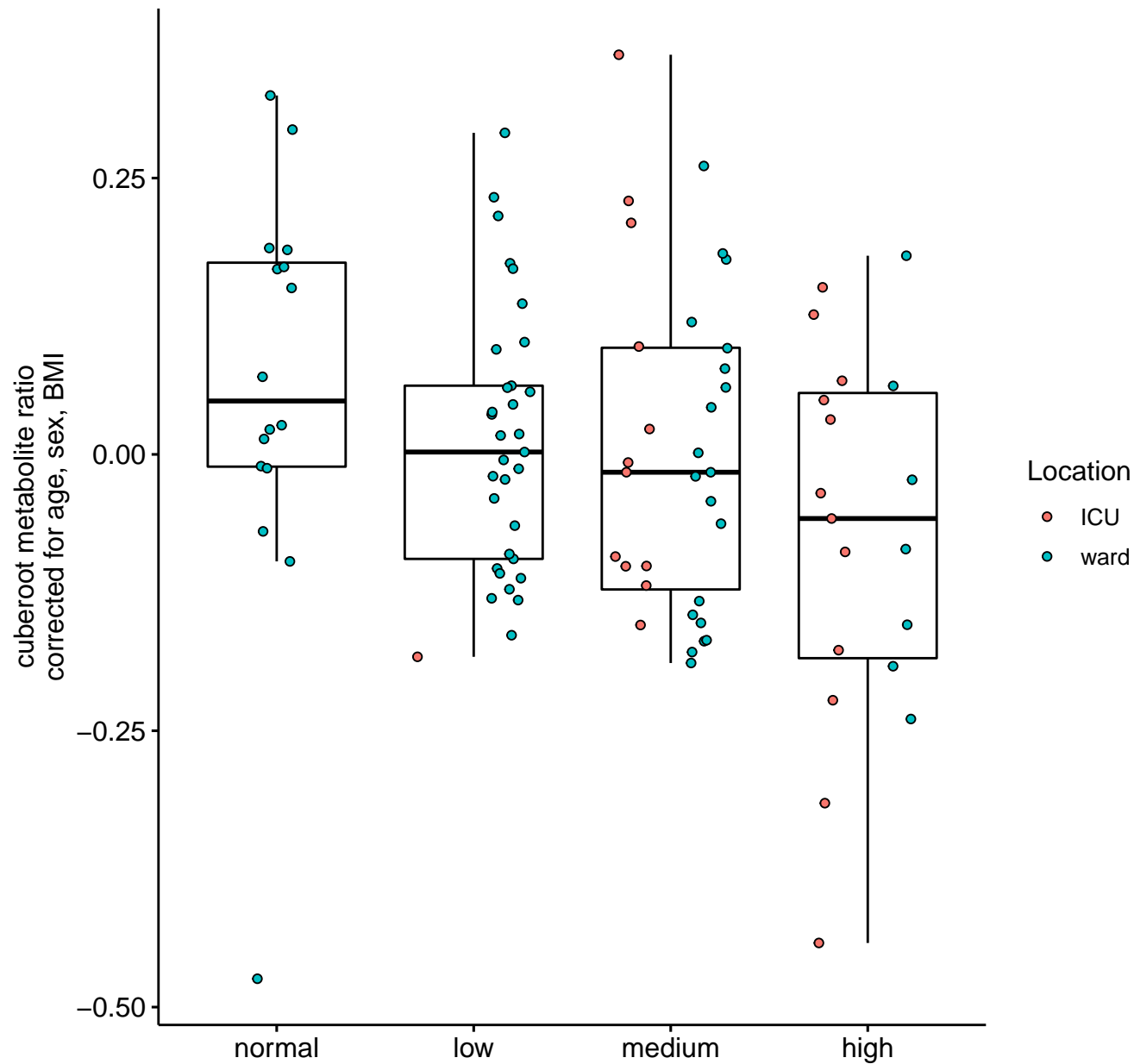
Serotonin_trp



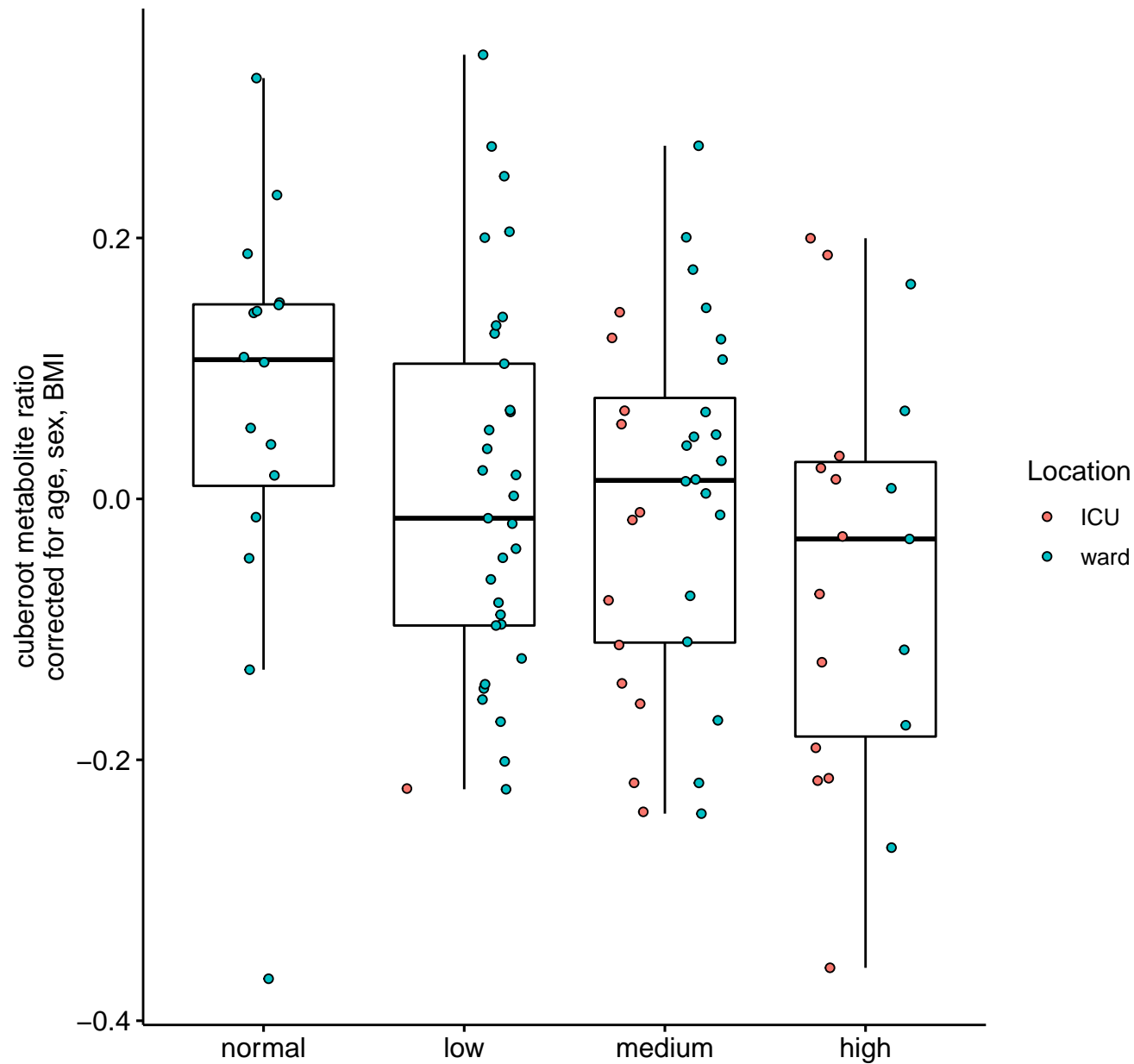
L.Aspartic.acid_amines



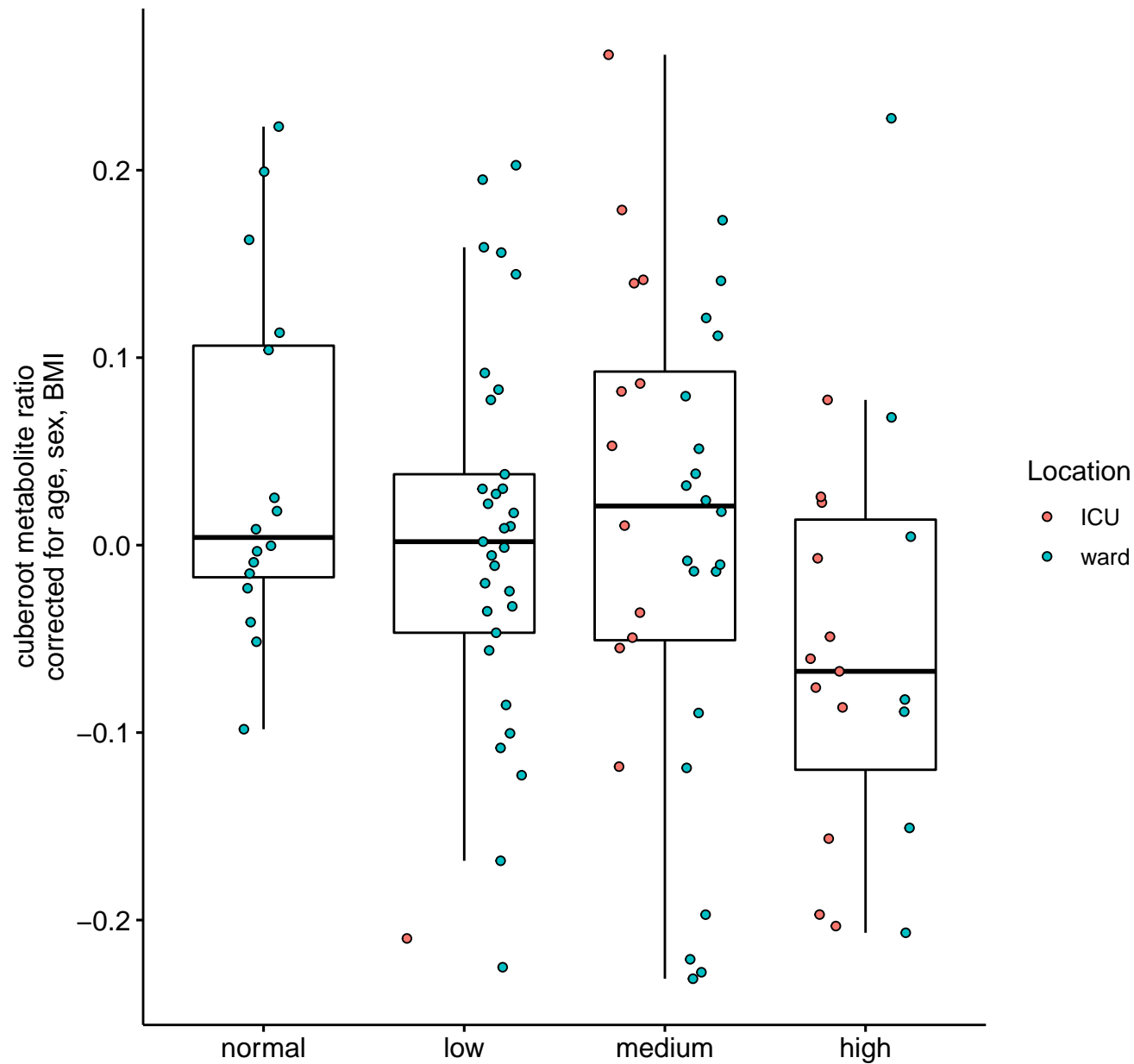
Monocytes



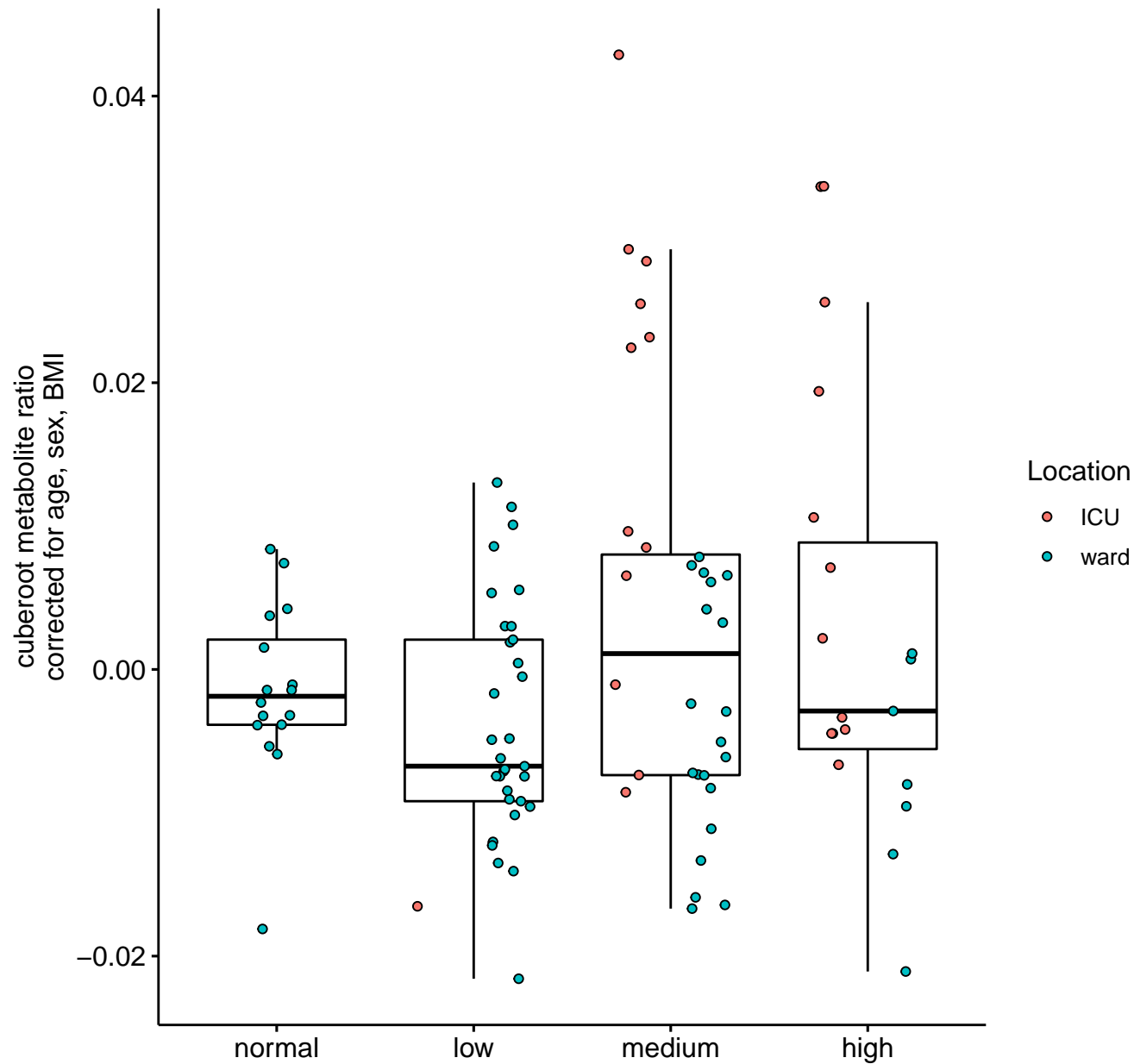
Taurine_amines



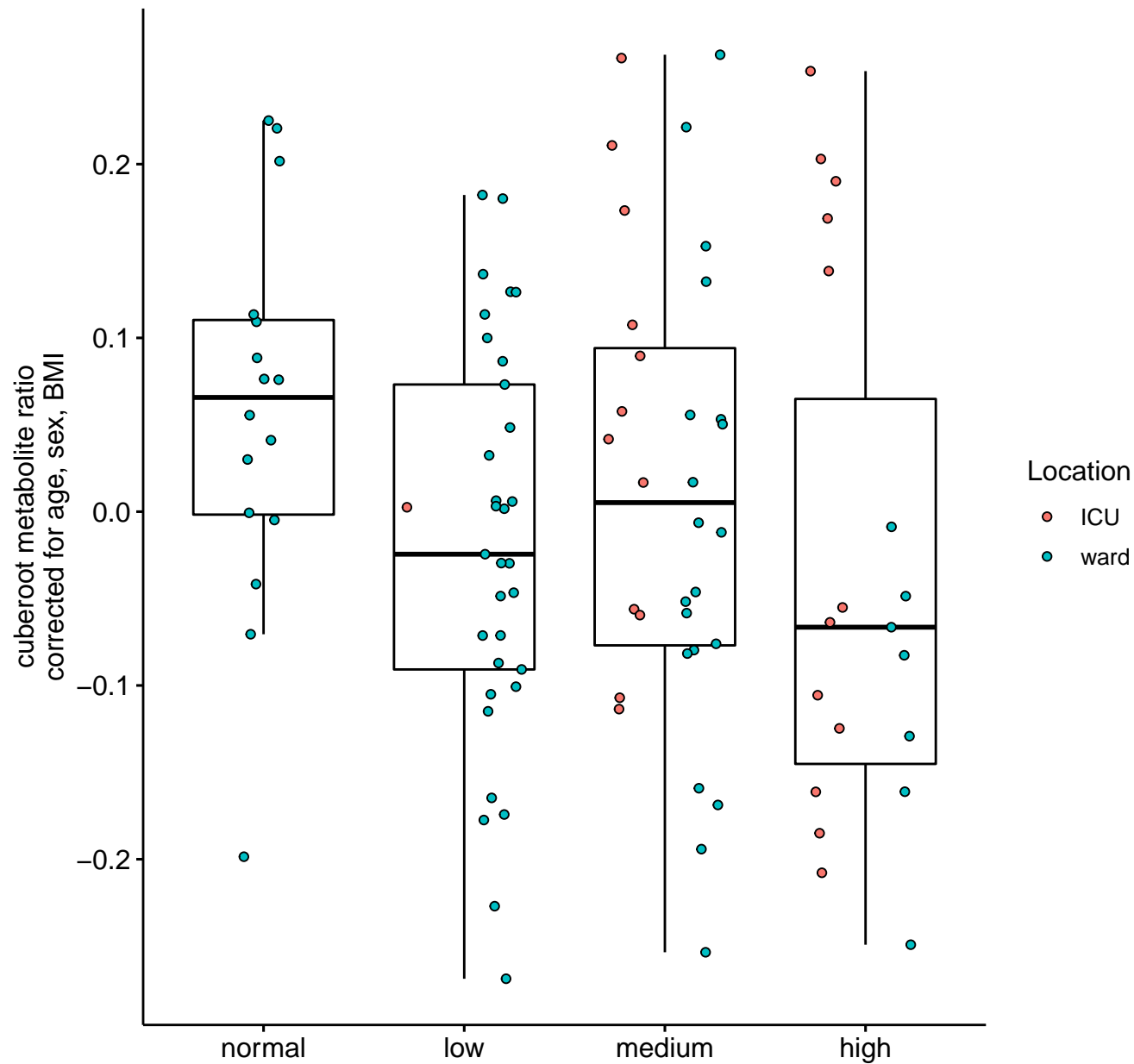
L.Arginine_amines



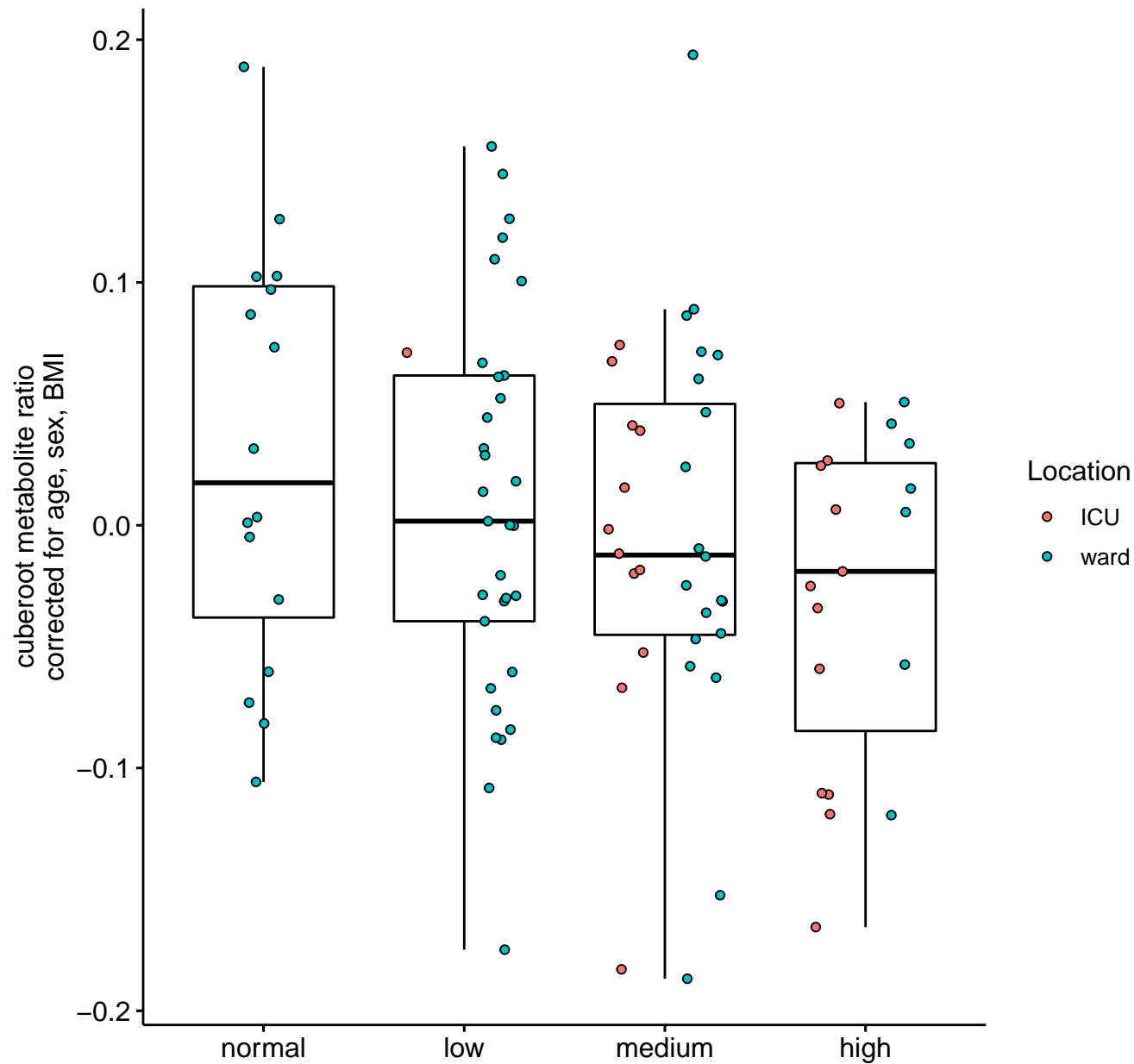
ADMA_amines_wc



CD4

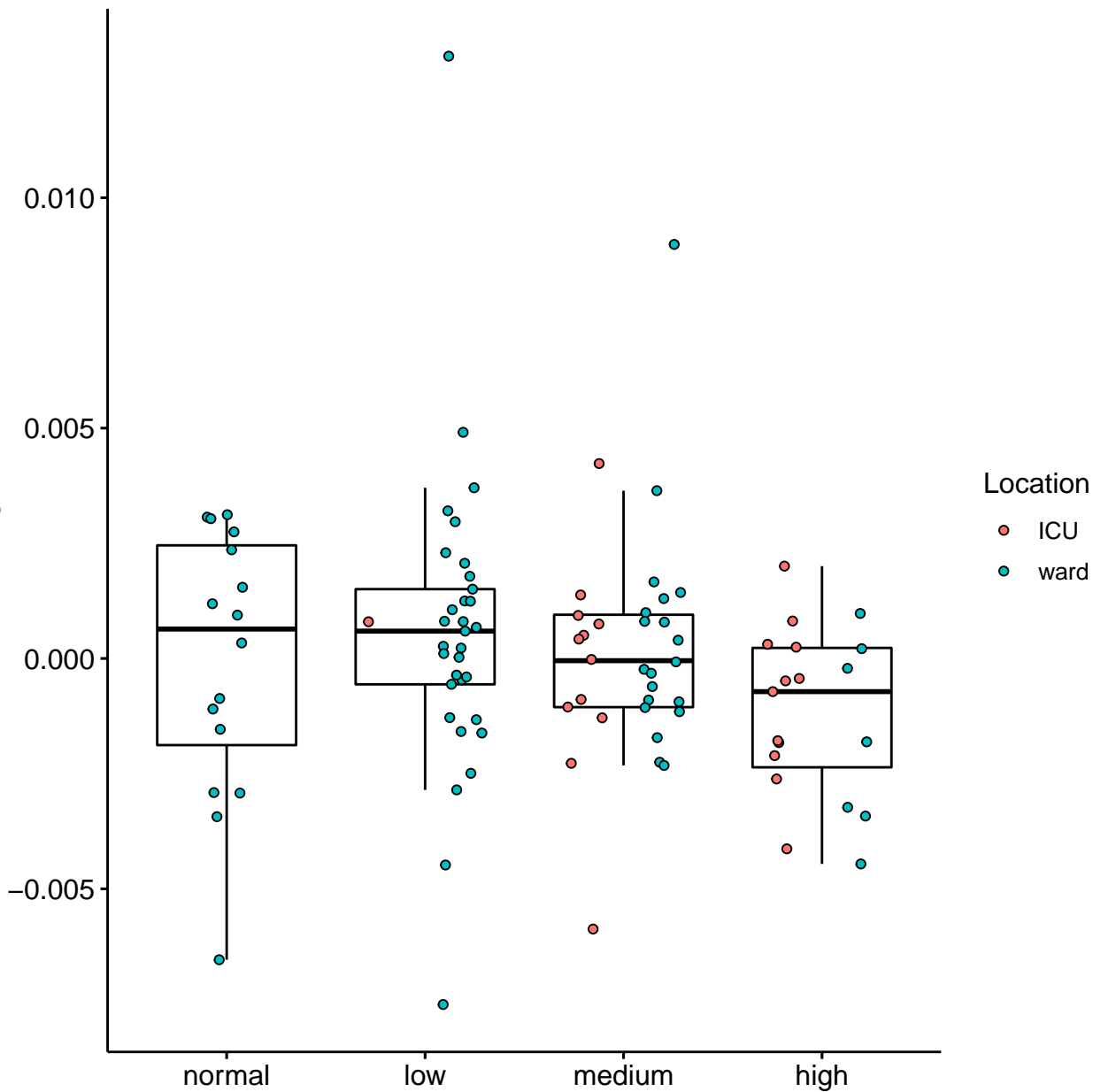


Homocysteine_amines_wc



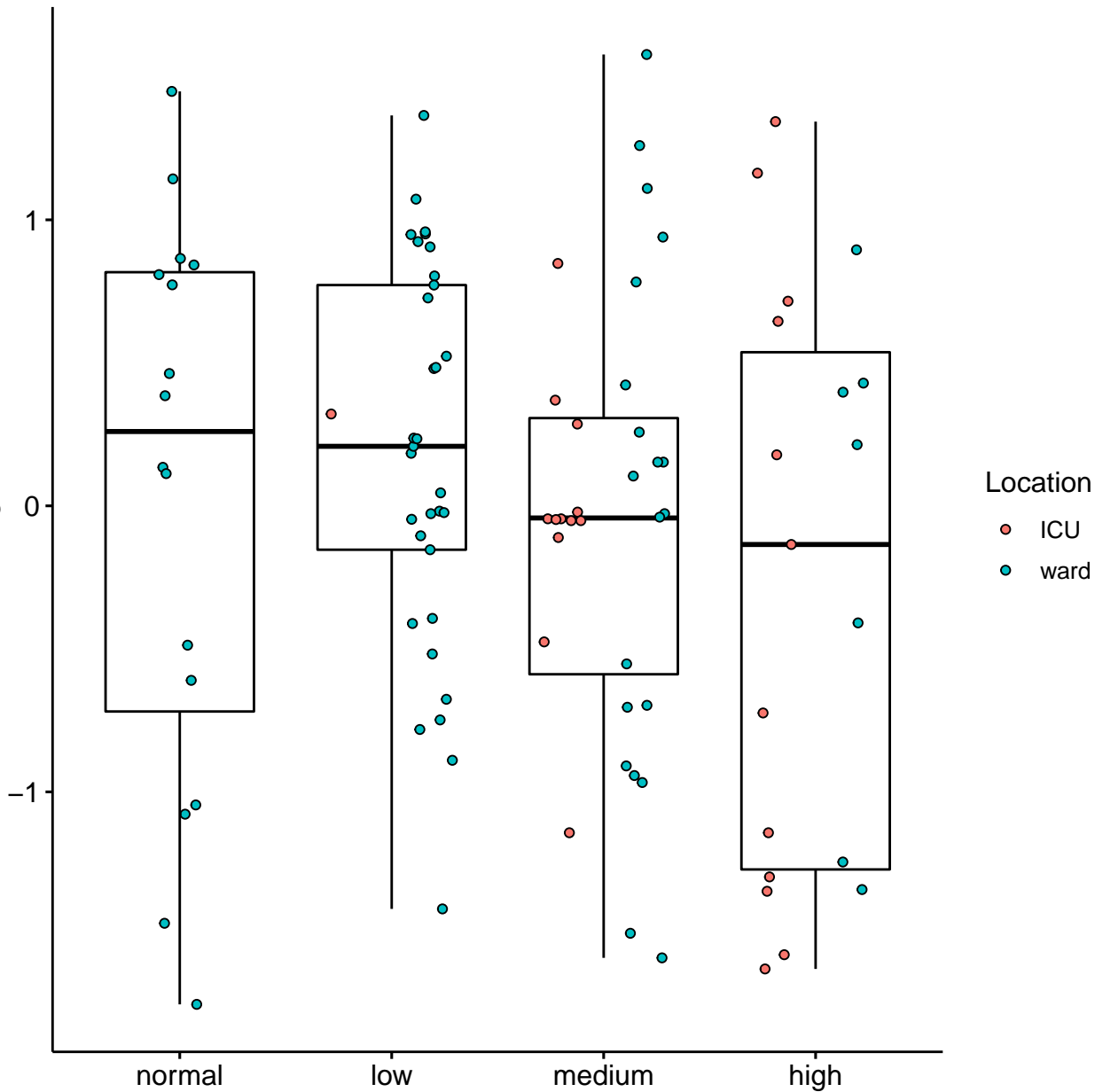
X3.Methoxytyramine_amines_wc

cuberoot metabolite ratio
corrected for age, sex, BMI

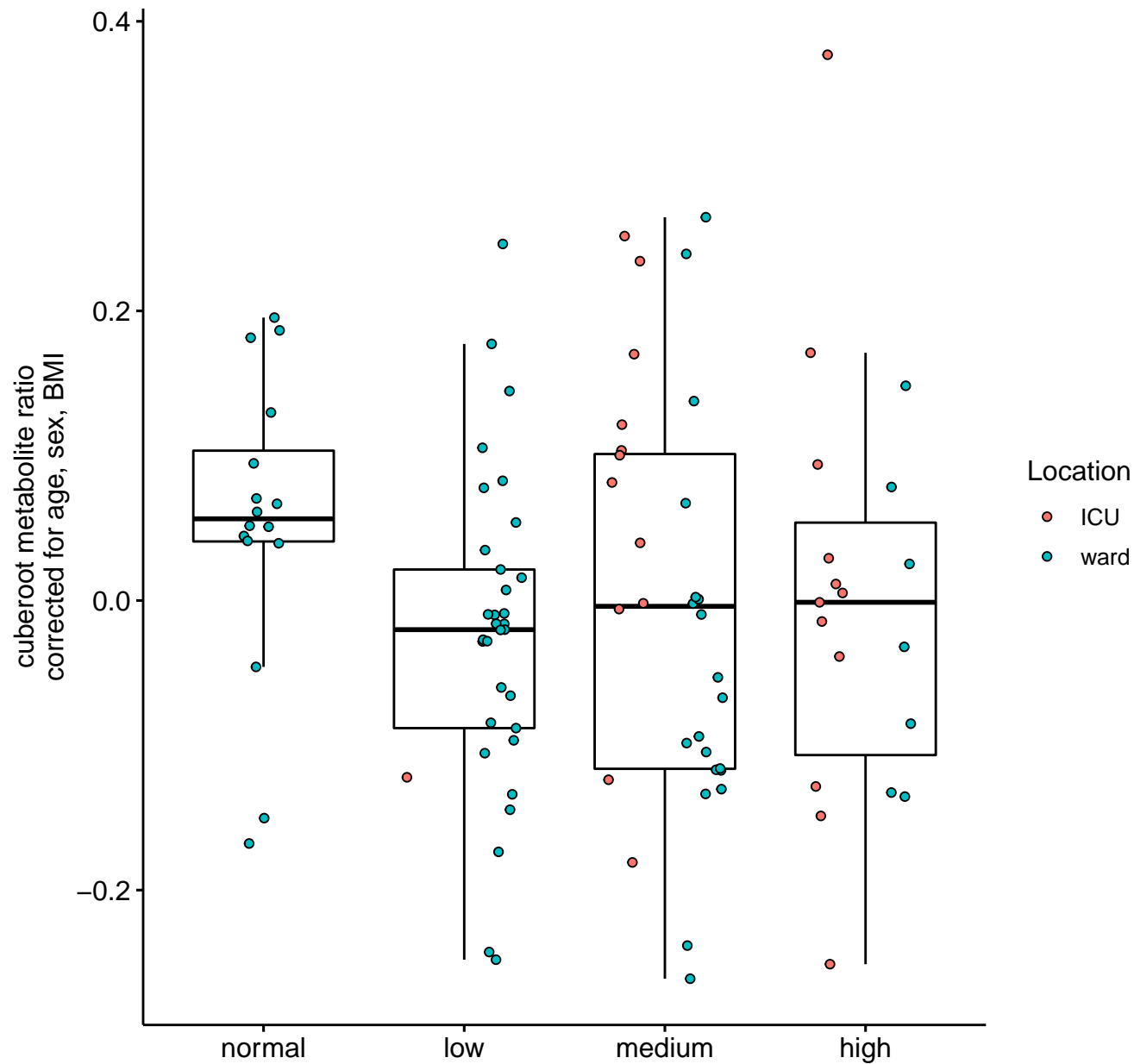


GCSF

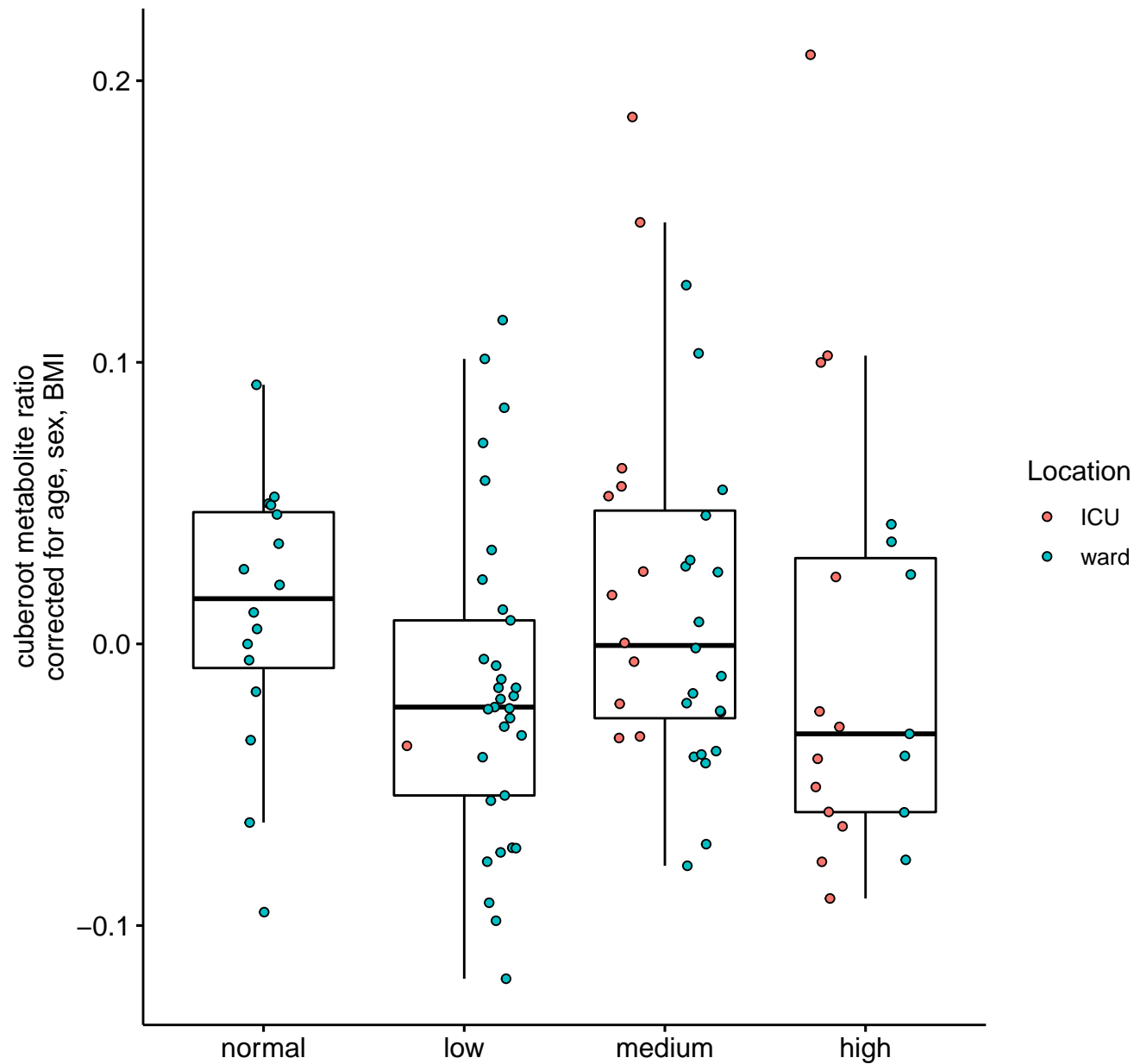
cube root metabolite ratio
corrected for age, sex, BMI



Ornithine_amines

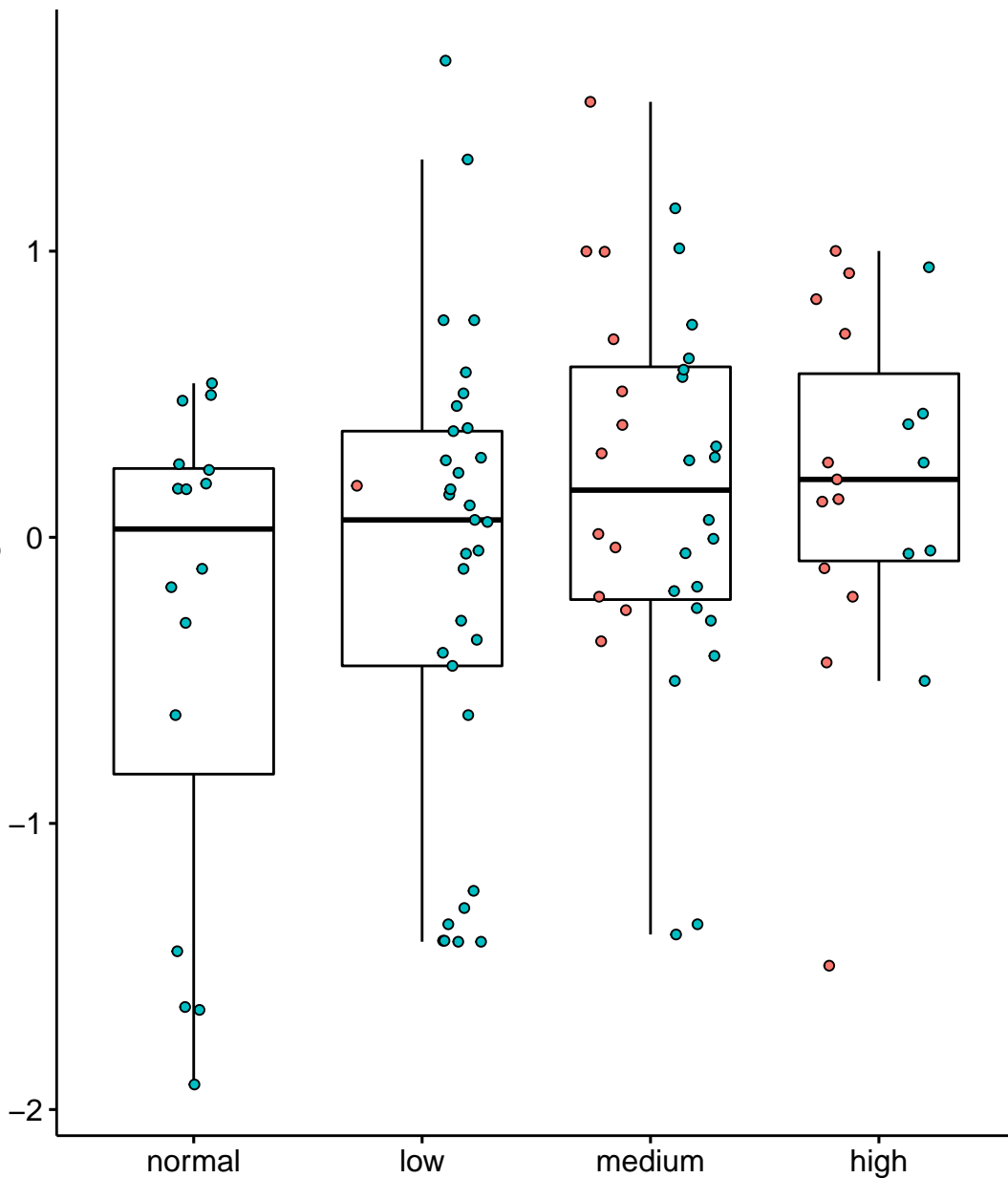


Ethanolamine_amines



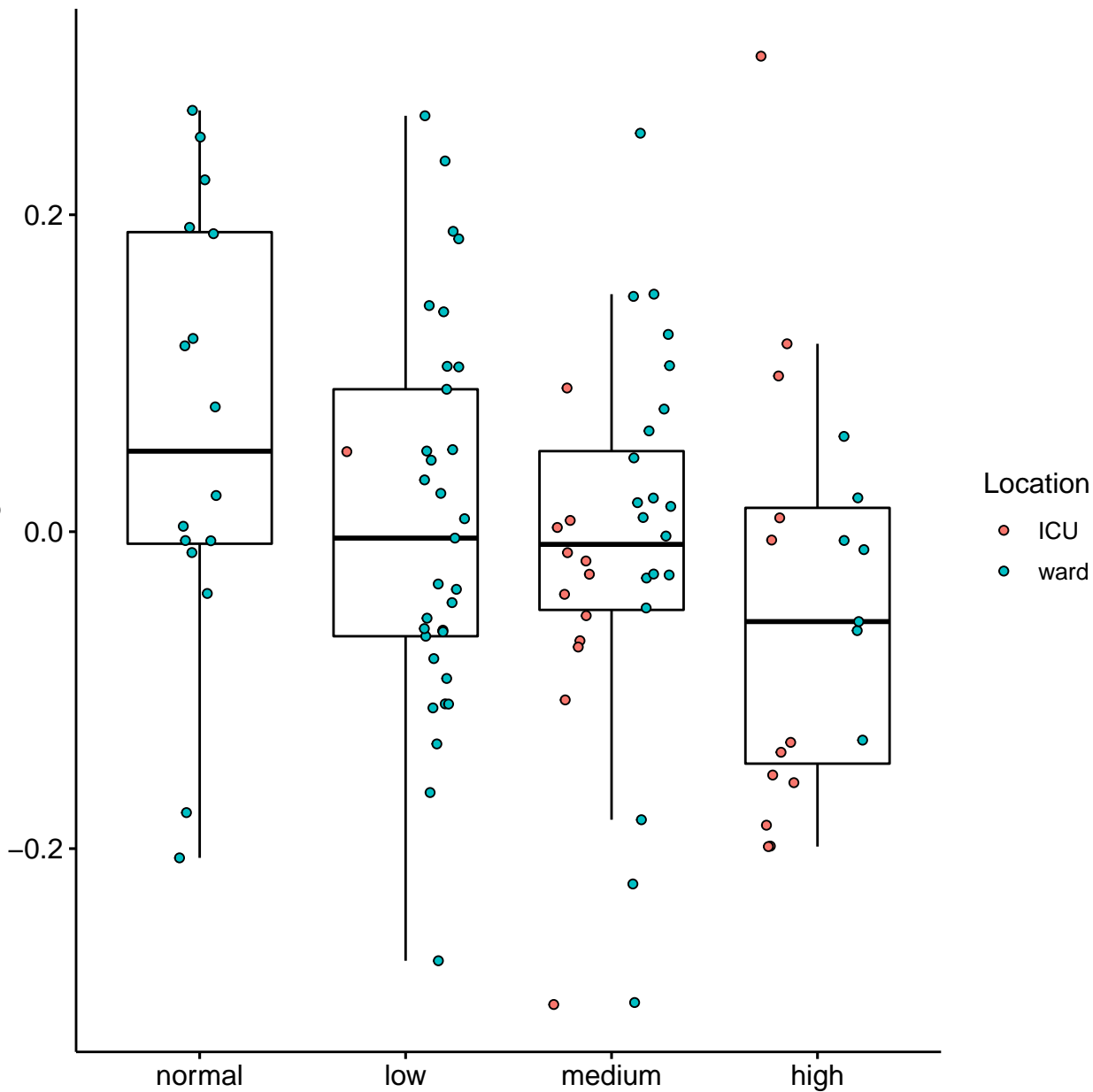
IL1beta

cube root metabolite ratio
corrected for age, sex, BMI



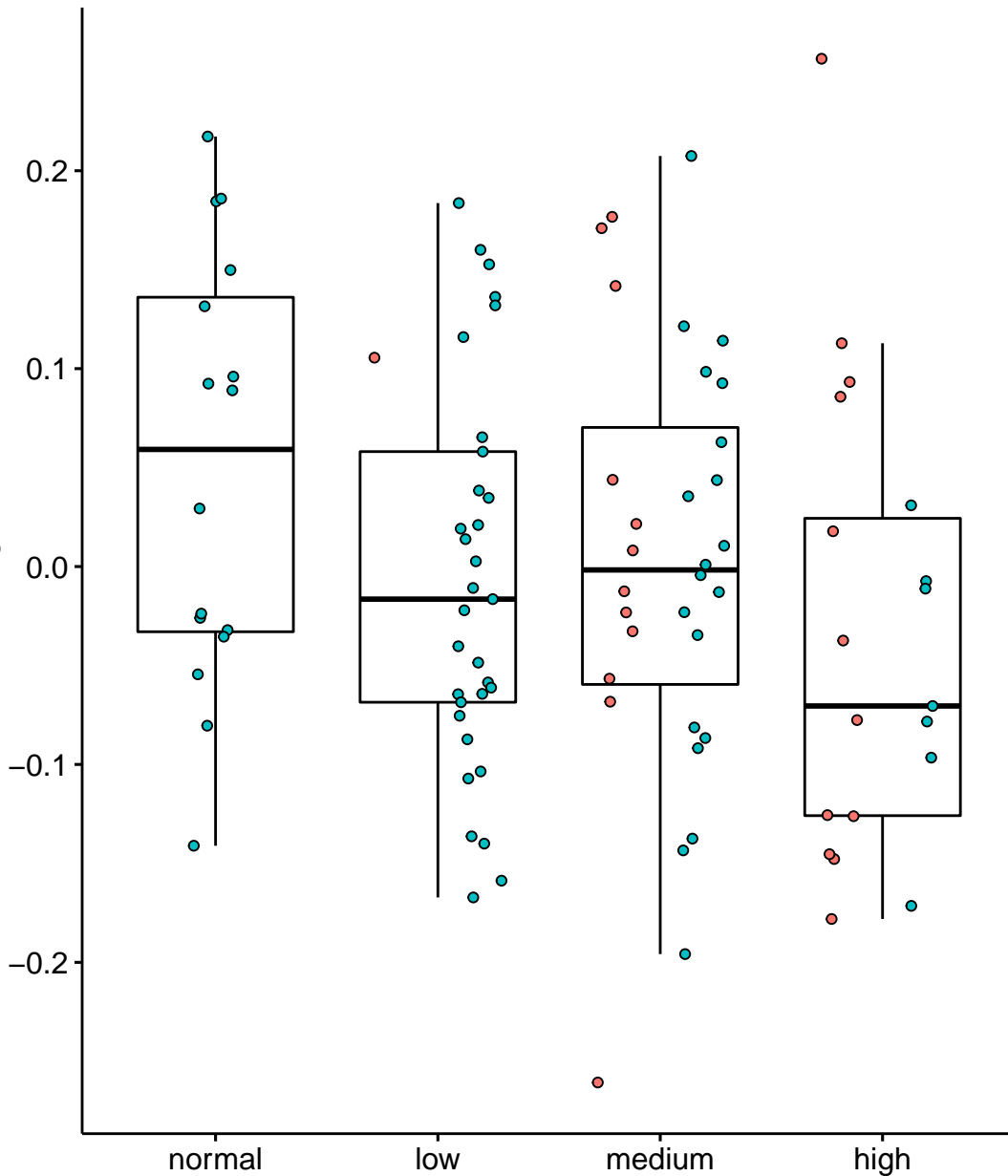
NK_cells

cube root metabolite ratio
corrected for age, sex, BMI



Non_T

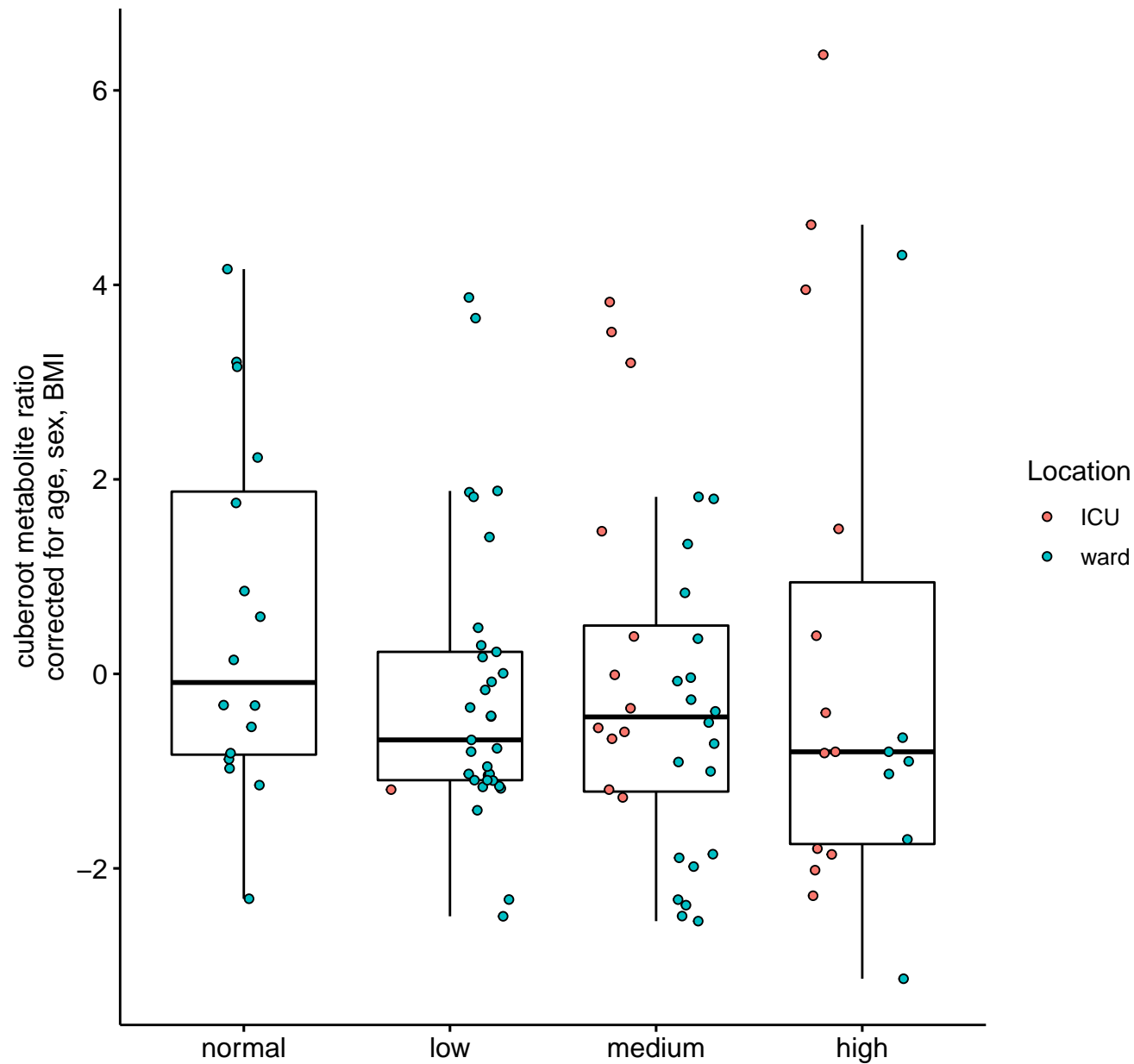
cube root metabolite ratio
corrected for age, sex, BMI



Location

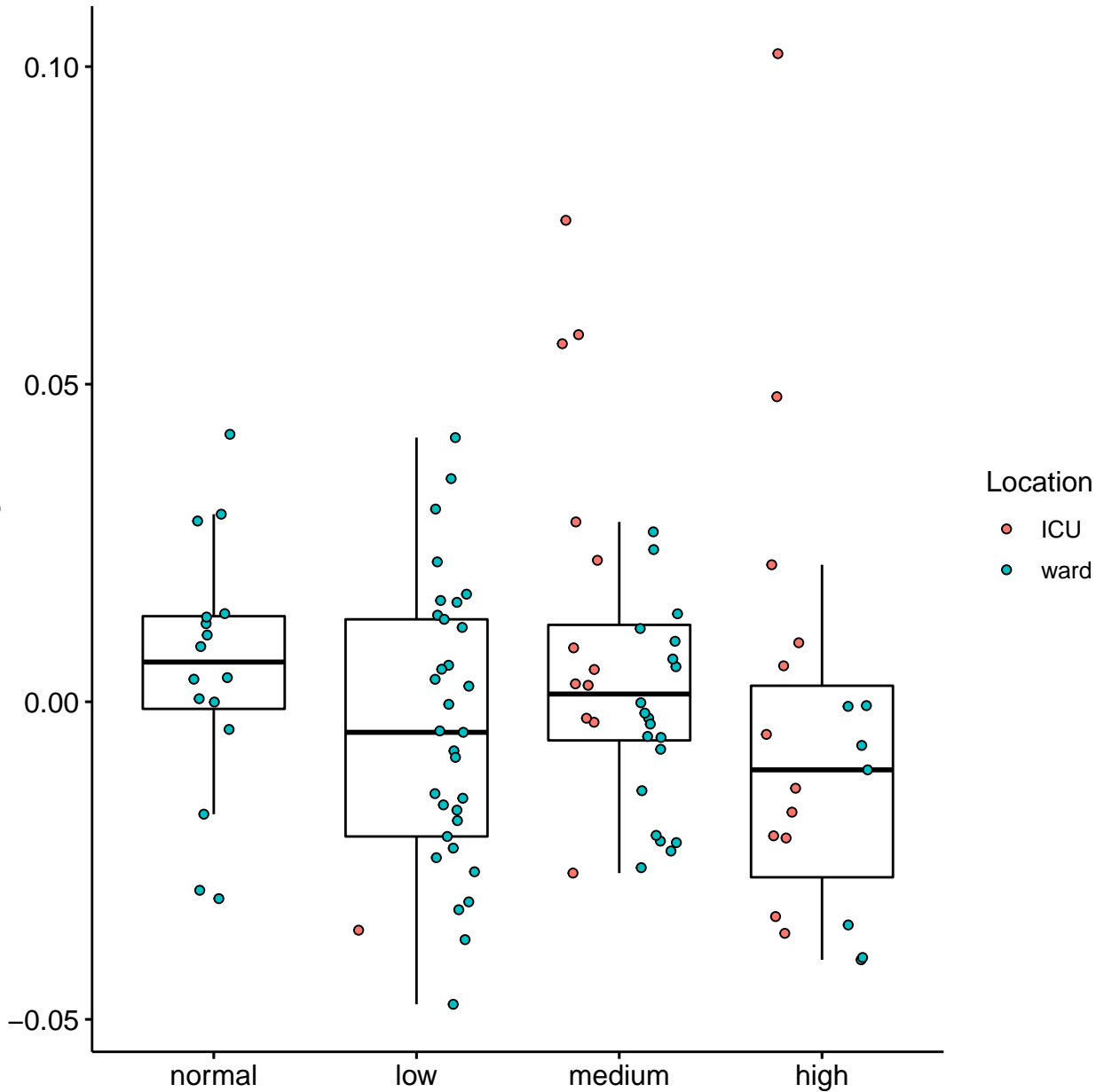
ICU
ward

CCL17

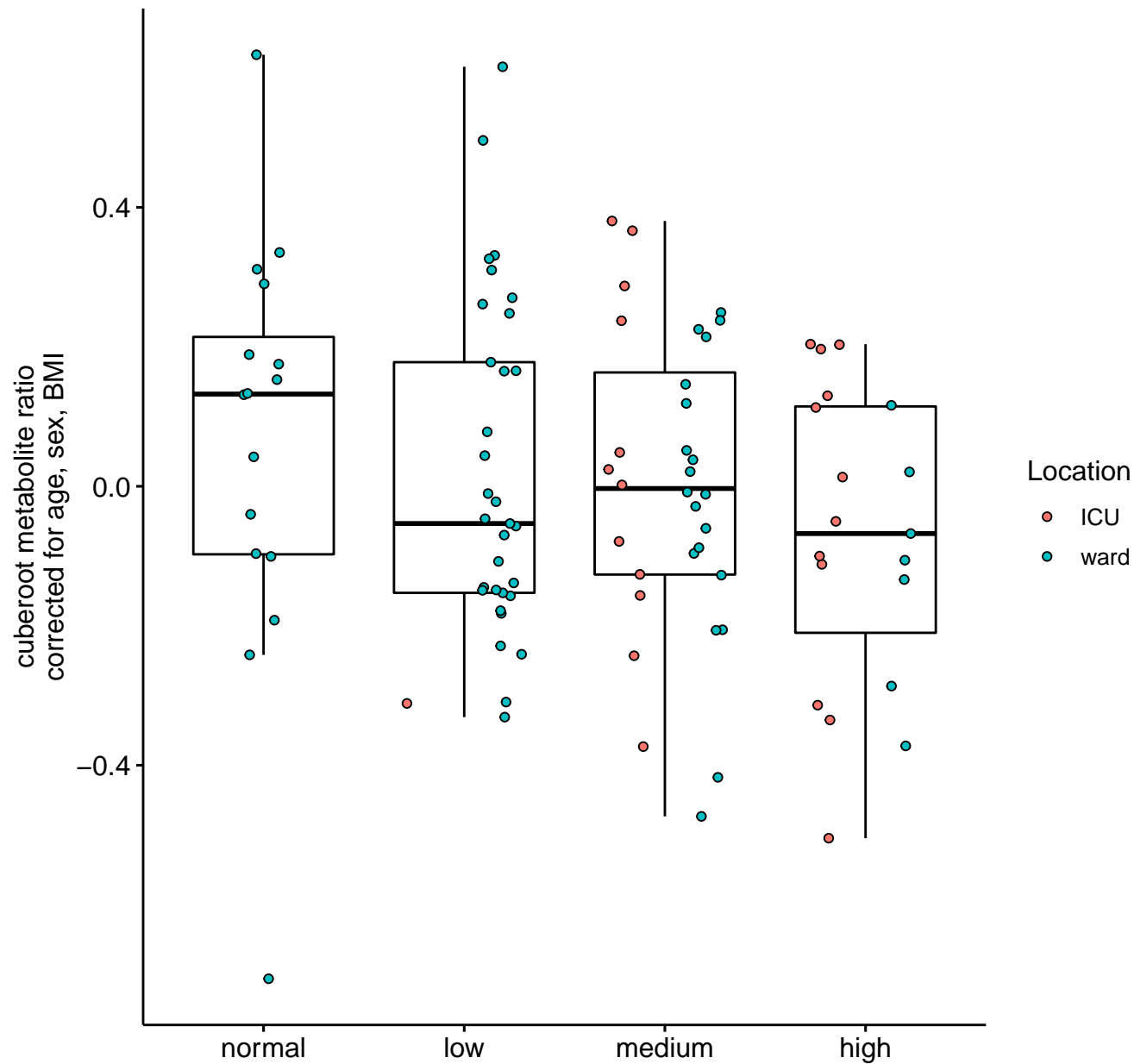


Putrescine_amines

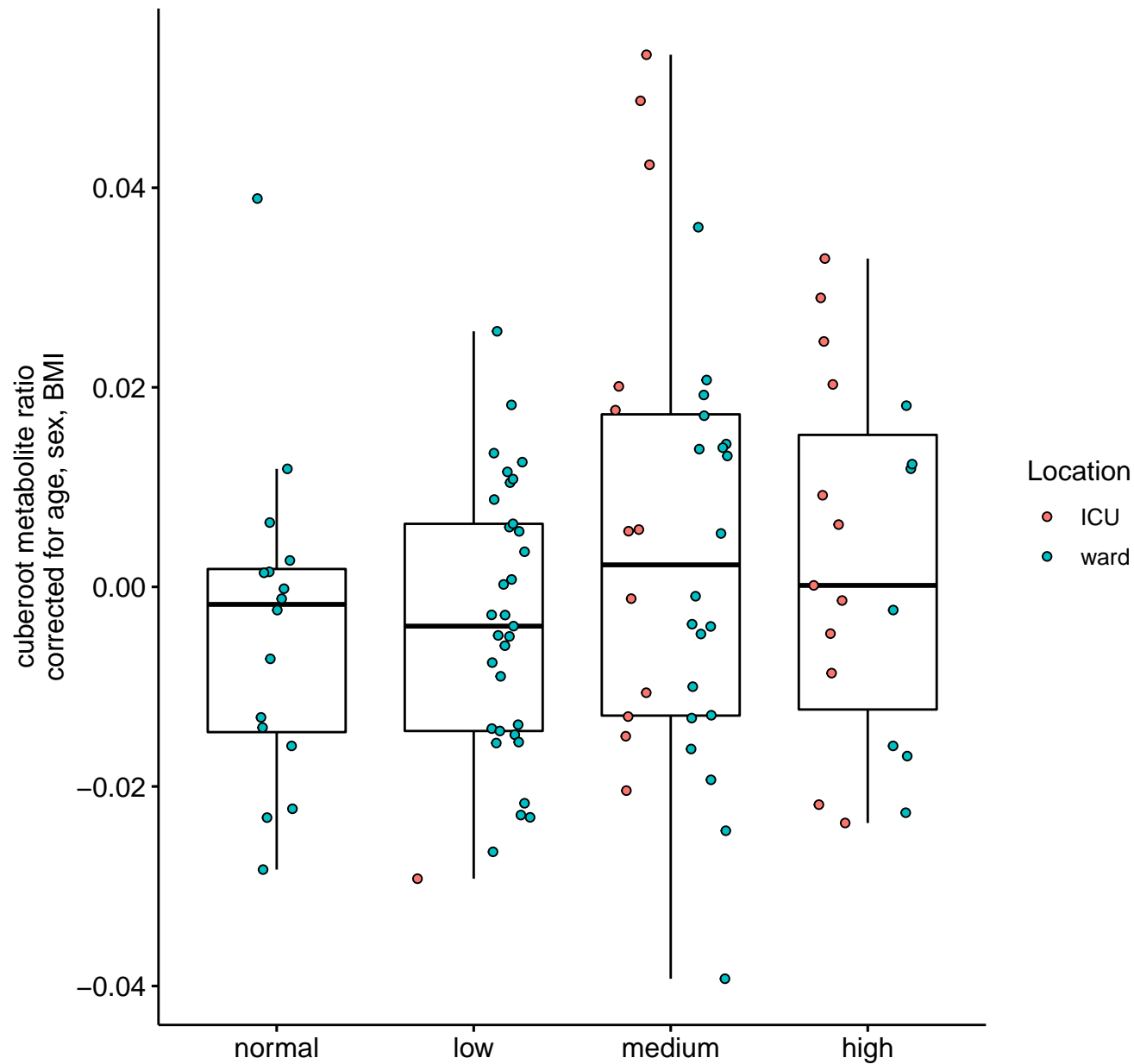
cube root metabolite ratio
corrected for age, sex, BMI



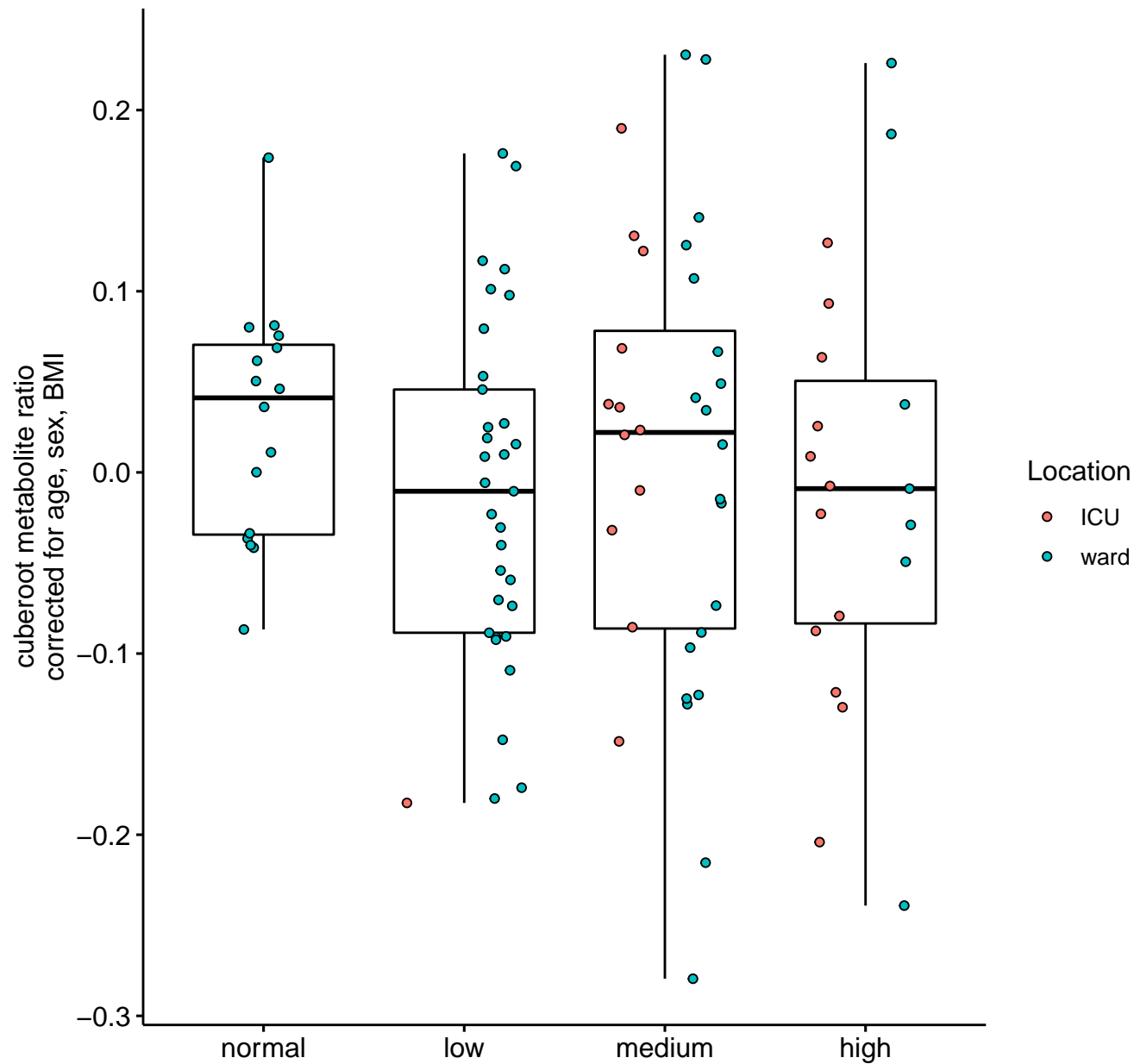
O.Phosphoethanolamine_amines



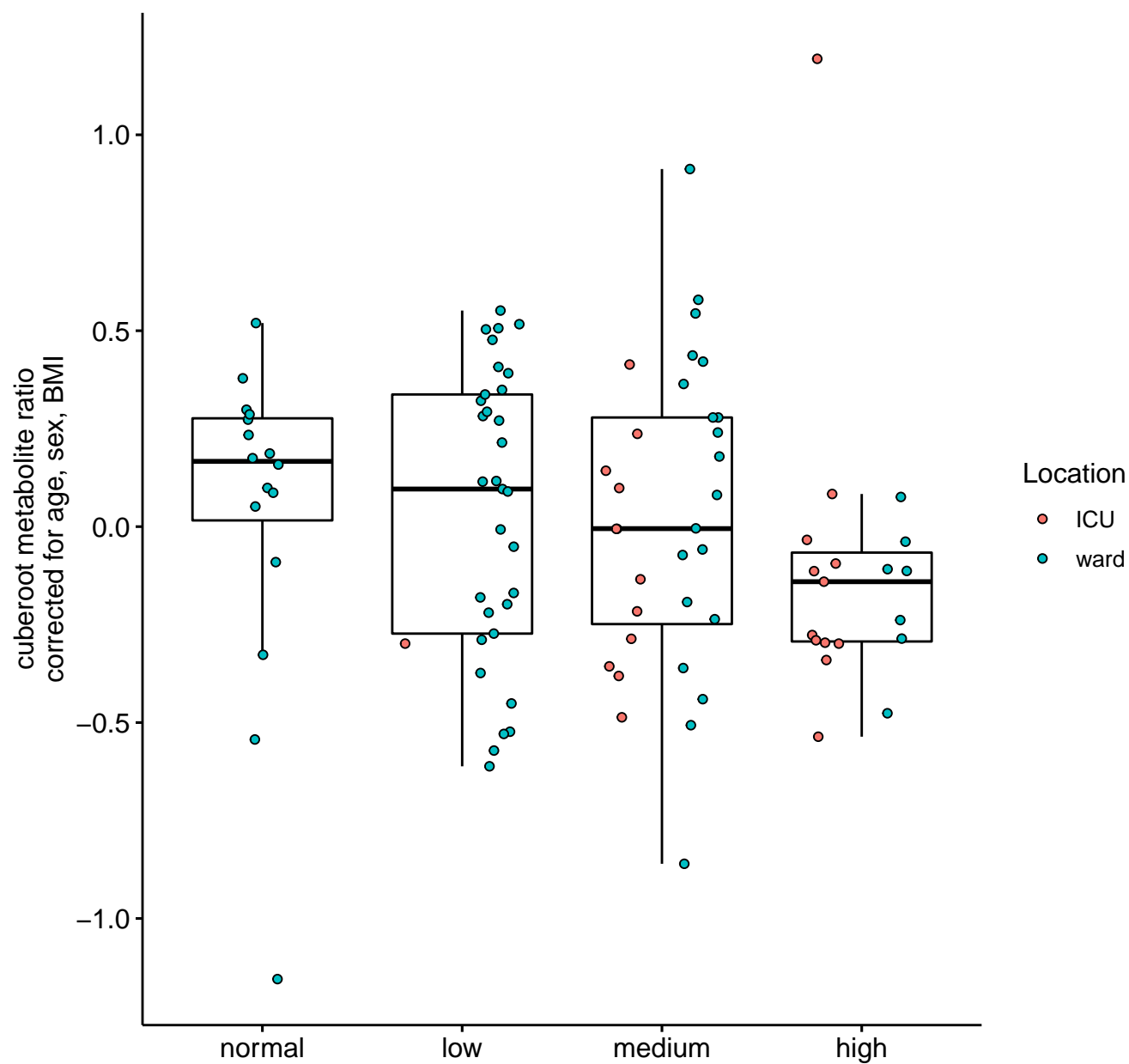
SDMA_amines_wc



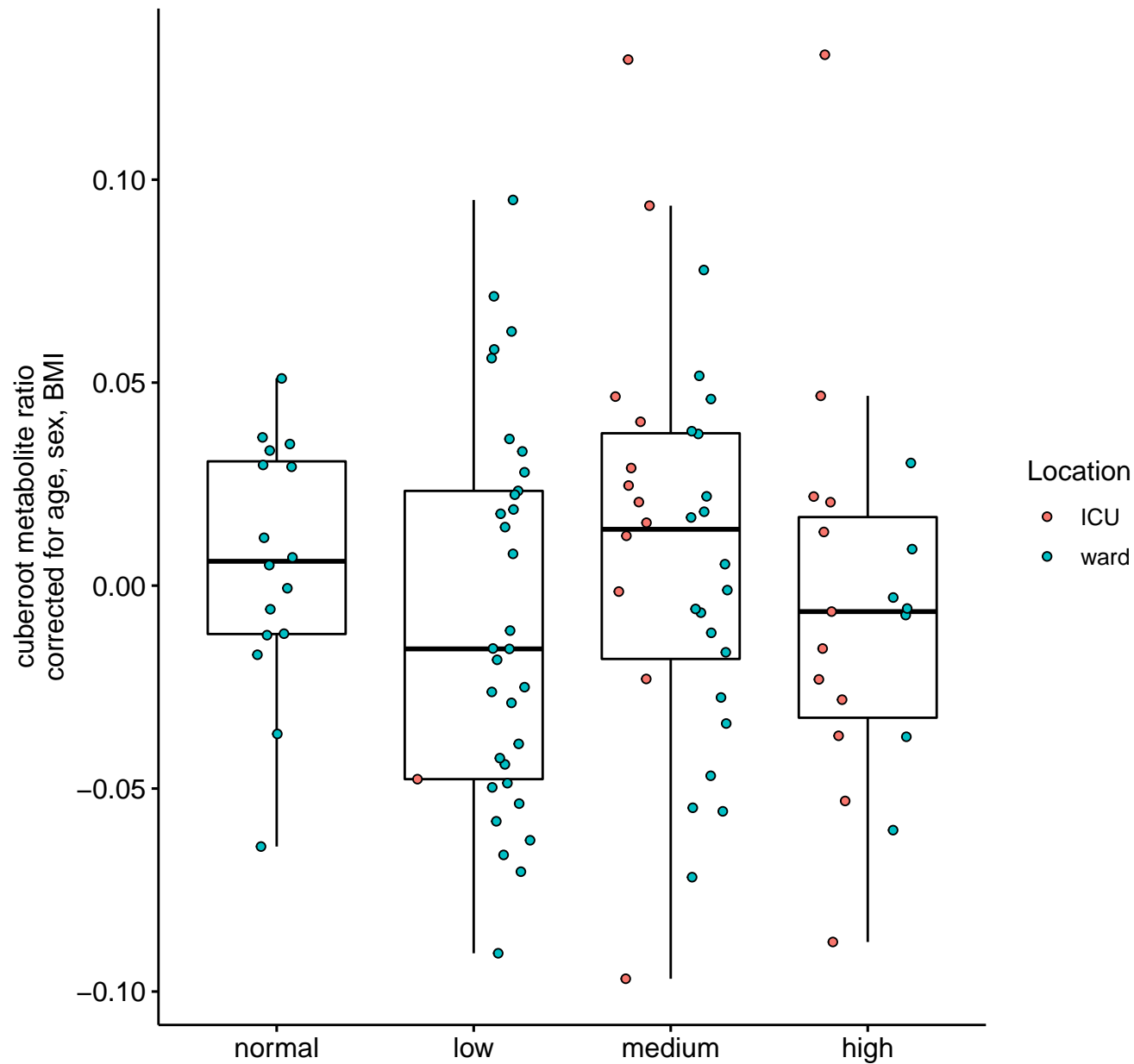
L.Methionine_amines



FASL

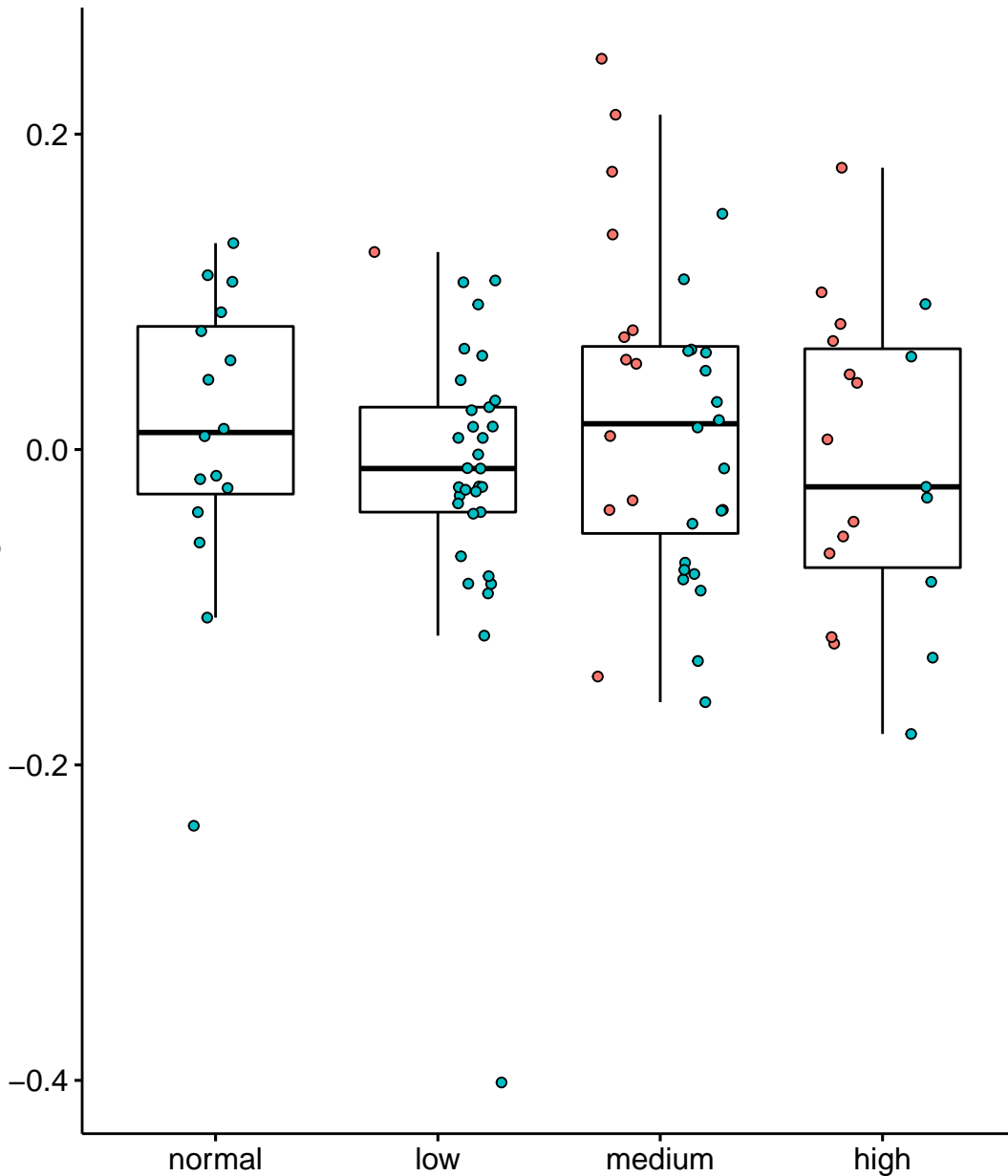


Sarcosine_amines



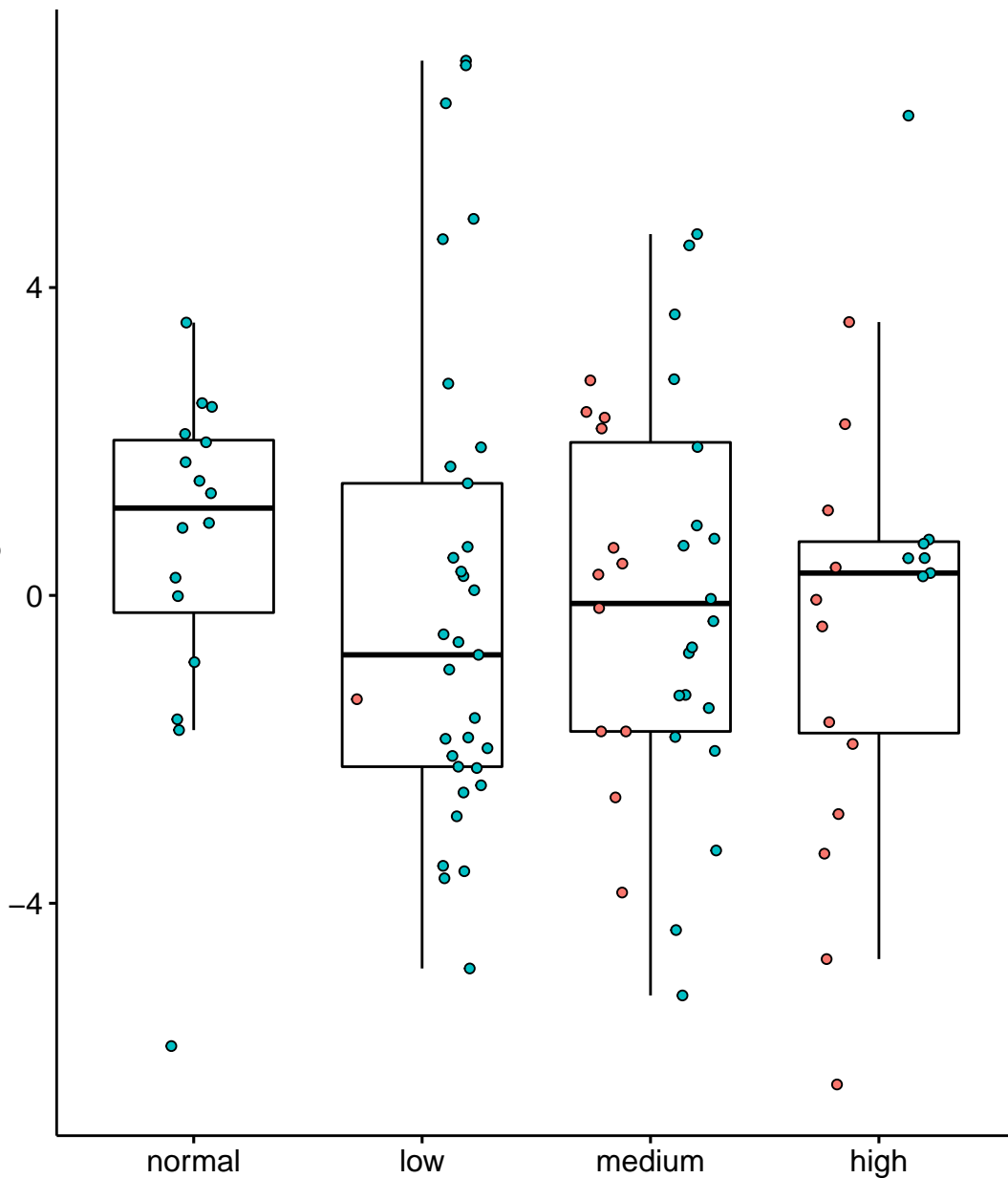
B_cells

cube root metabolite ratio
corrected for age, sex, BMI



IL6Ra

cube root metabolite ratio
corrected for age, sex, BMI

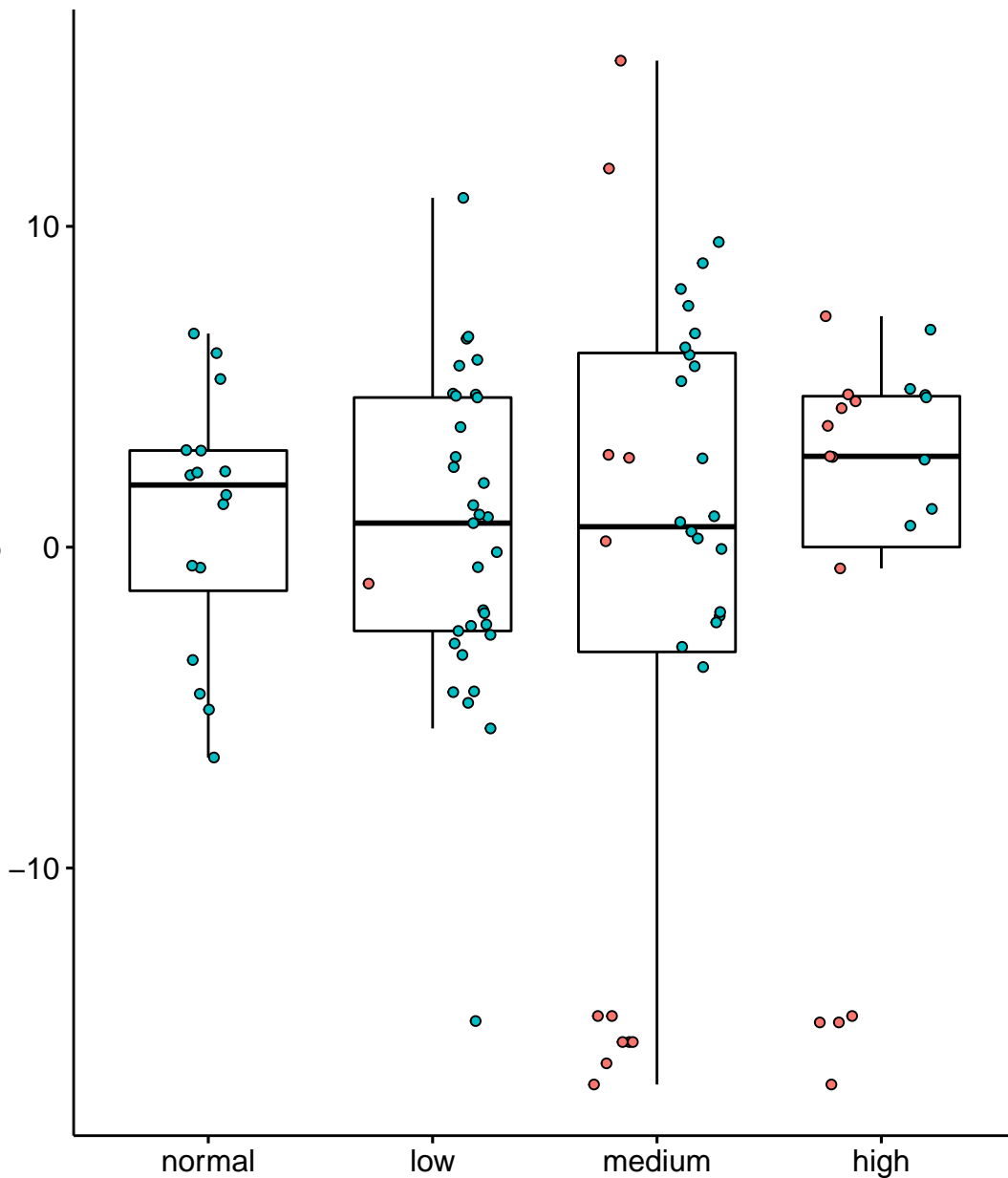


Location

ICU
ward

IL1RA

cube root metabolite ratio
corrected for age, sex, BMI

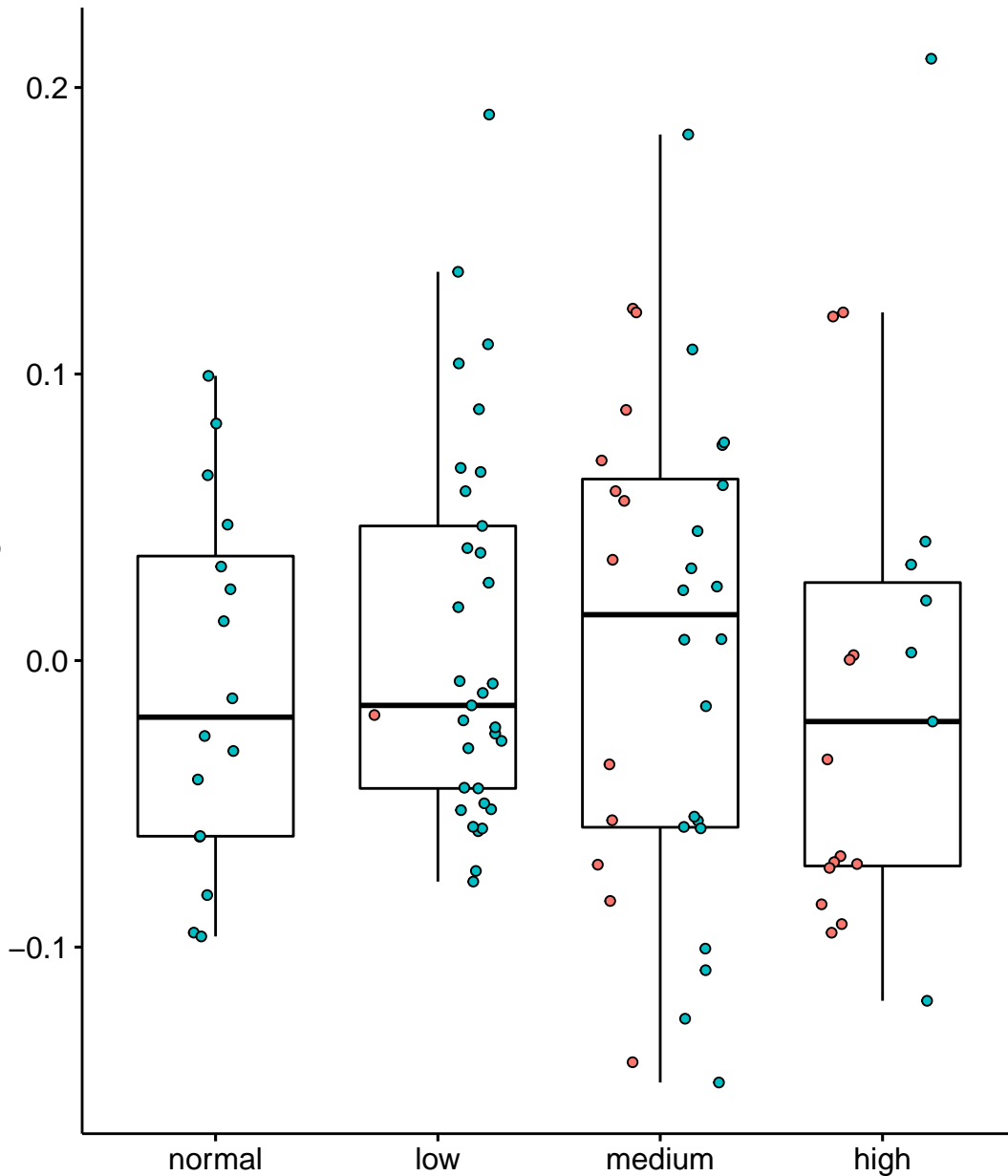


Location

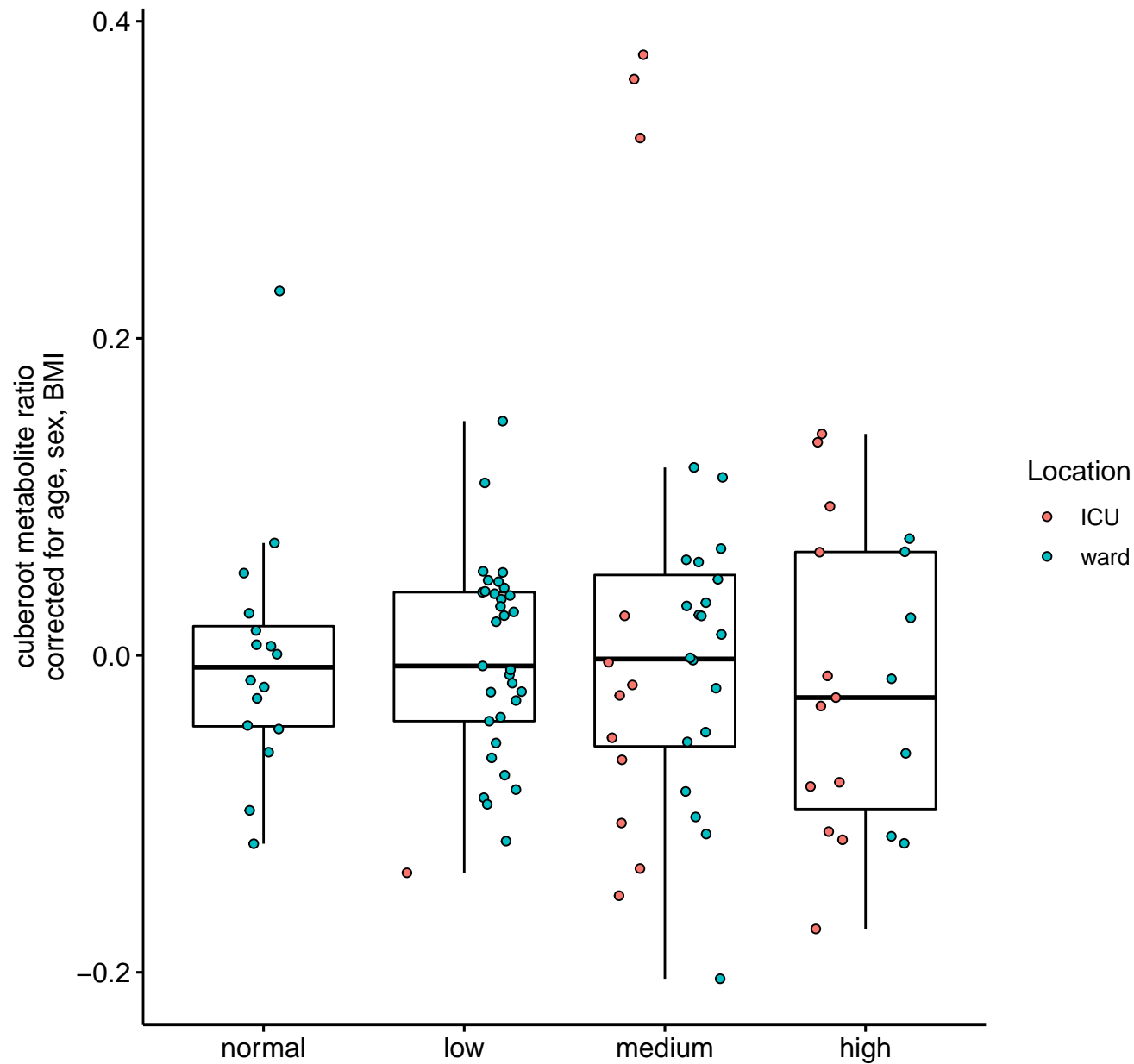
ICU
ward

TCRgd

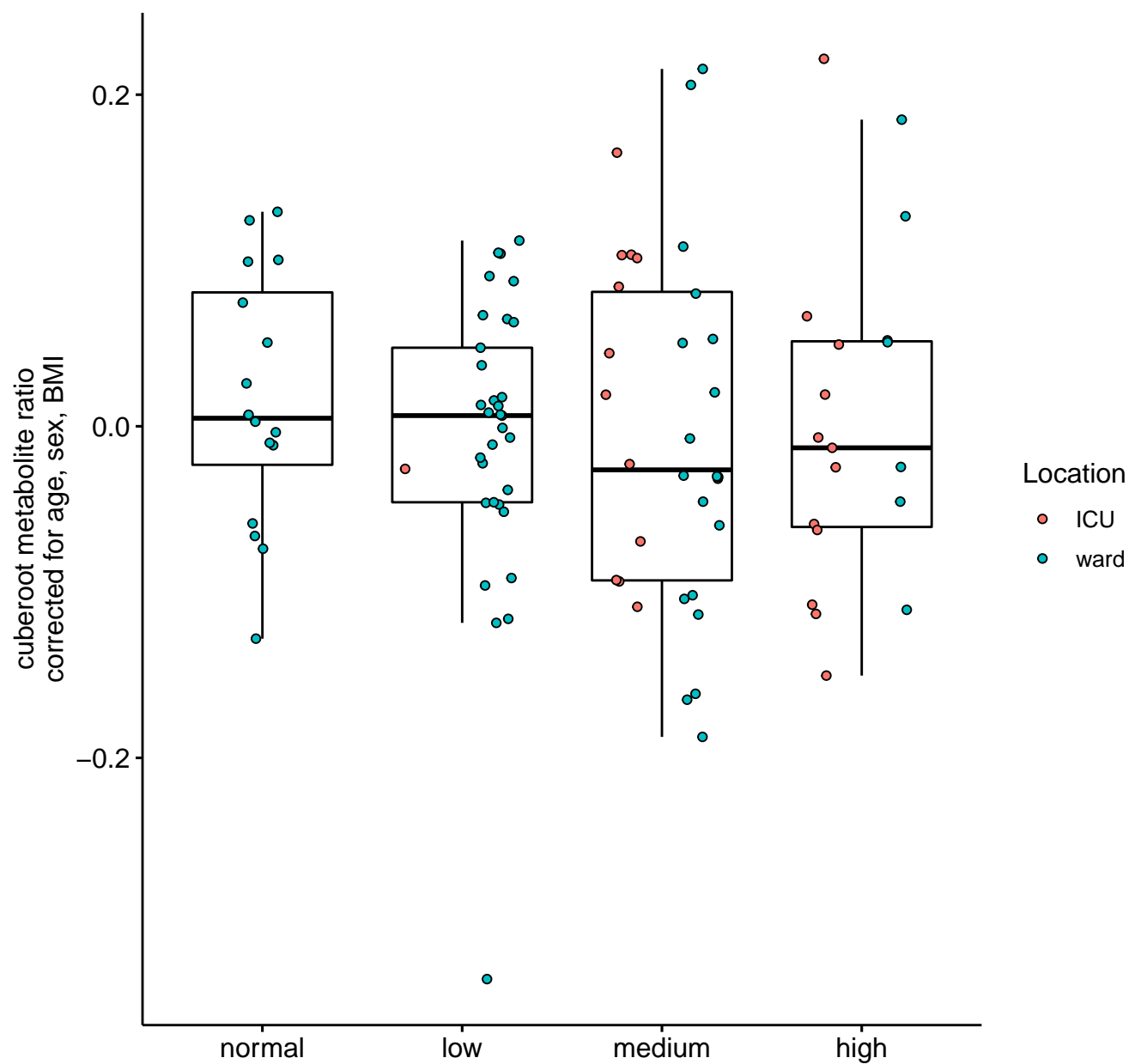
cube root metabolite ratio
corrected for age, sex, BMI



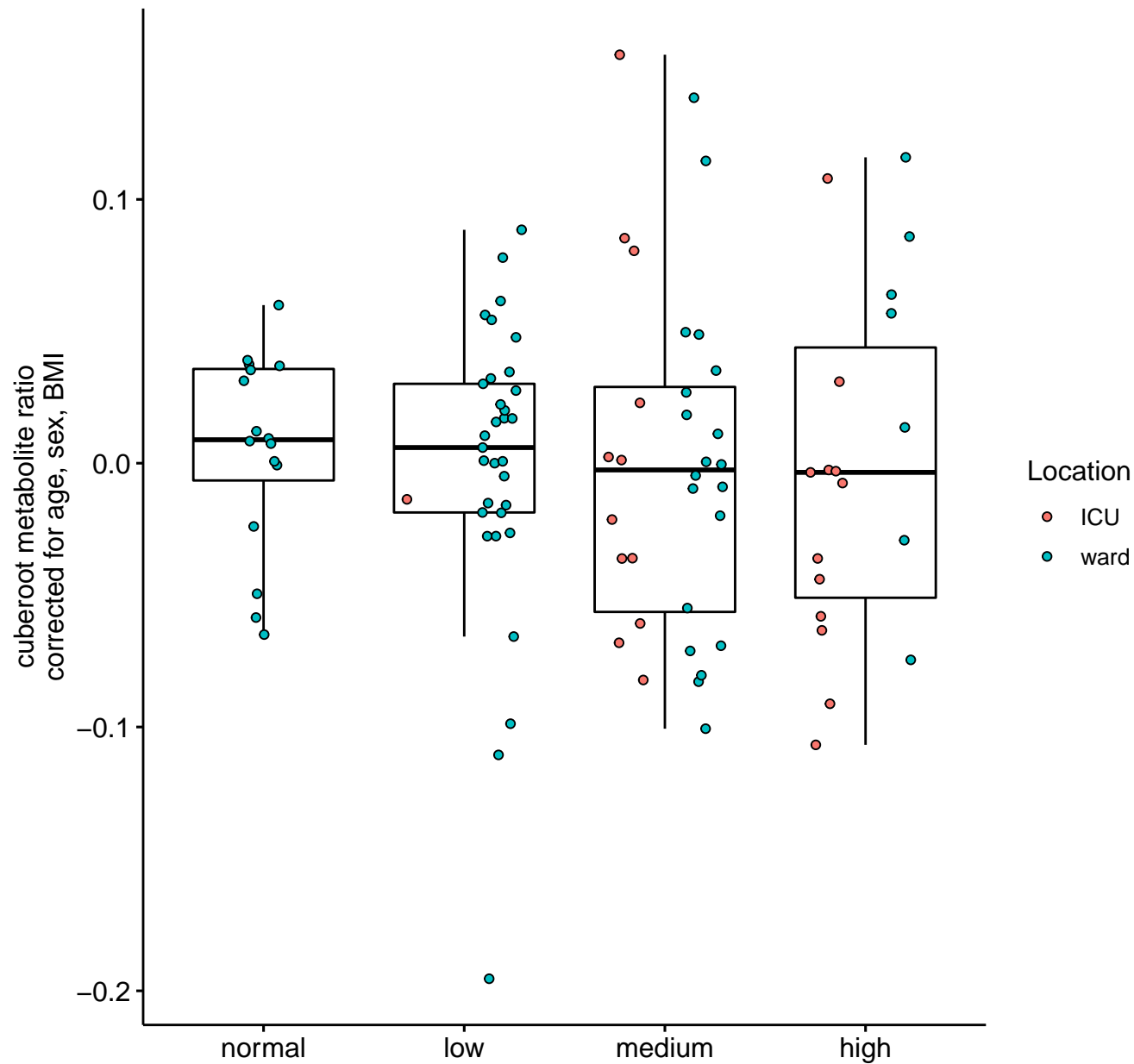
DL.3.aminoisobutyric.acid_amines



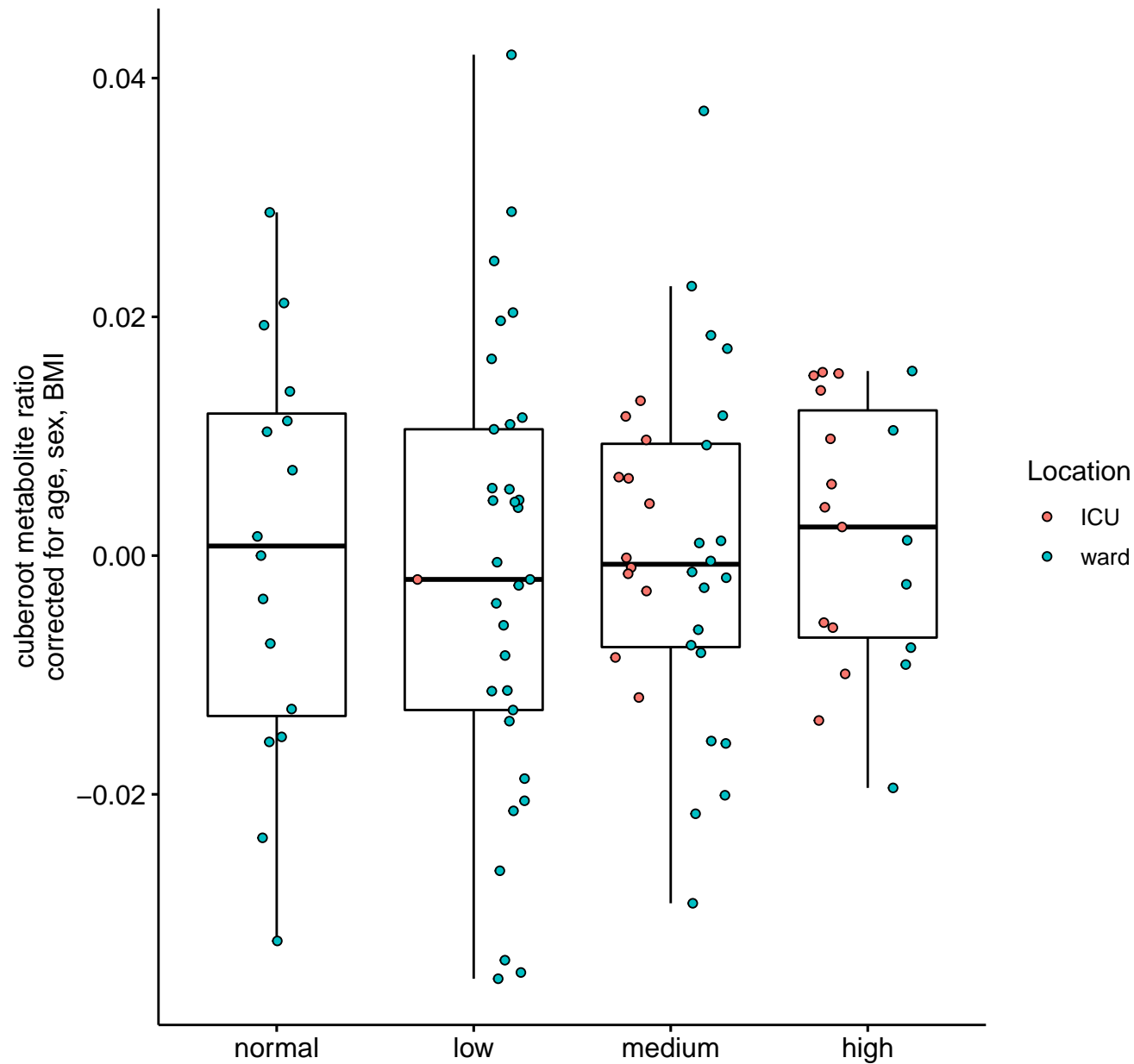
L.Valine_amines



L.Leucine_amines

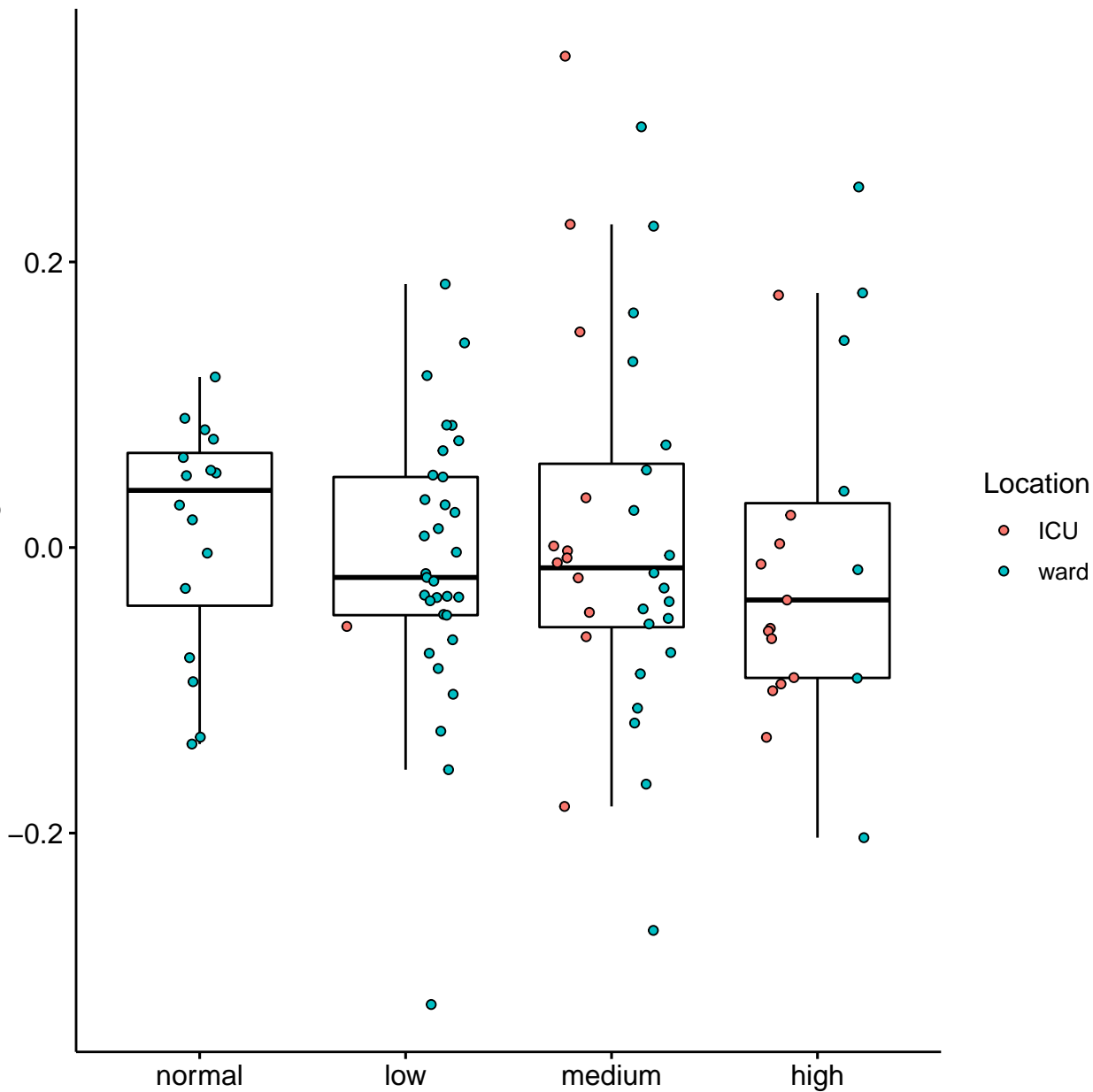


L.Homoserine_amines



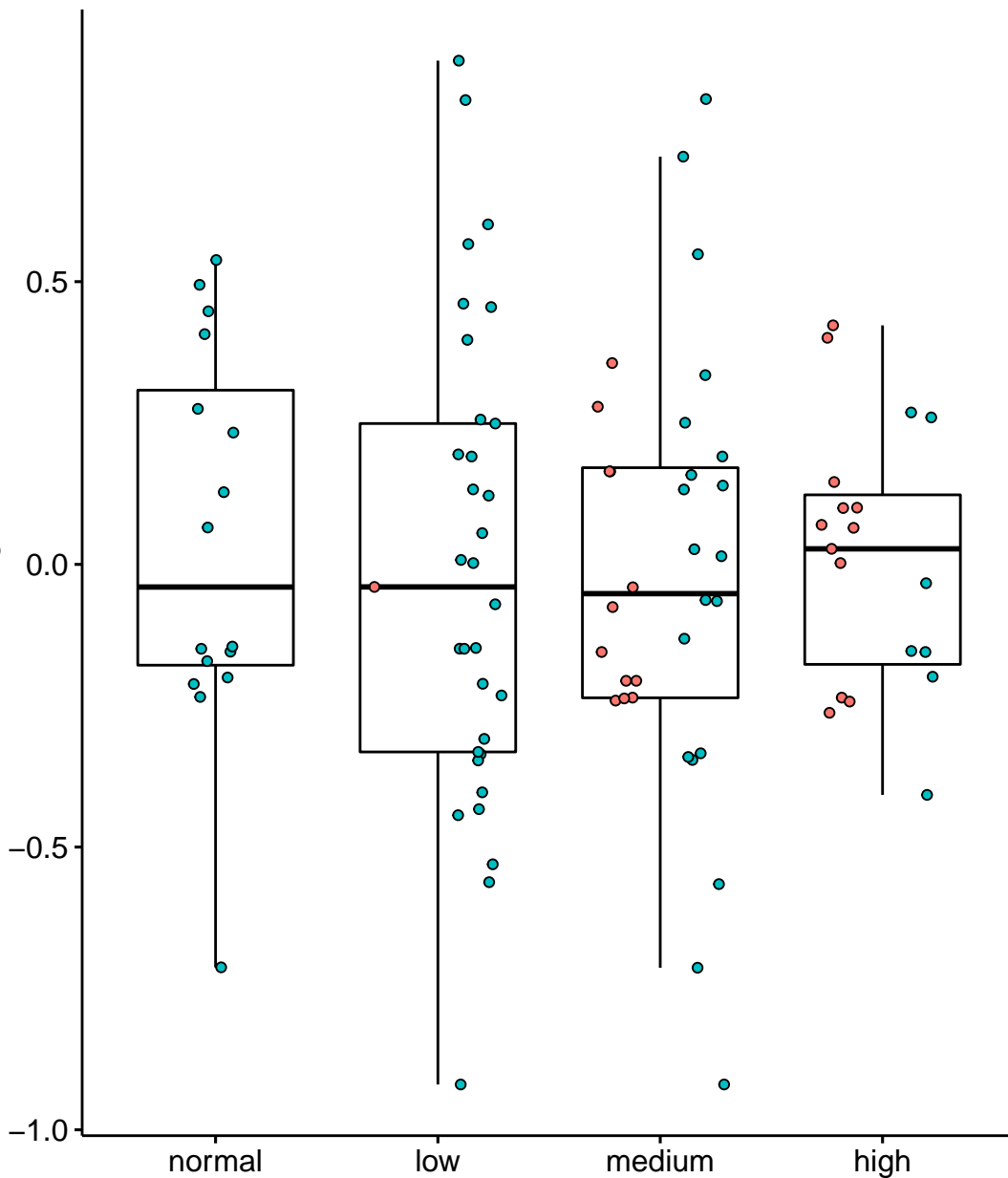
L.Isoleucine_amines

cube root metabolite ratio
corrected for age, sex, BMI



IL7

cuberoot metabolite ratio
corrected for age, sex, BMI

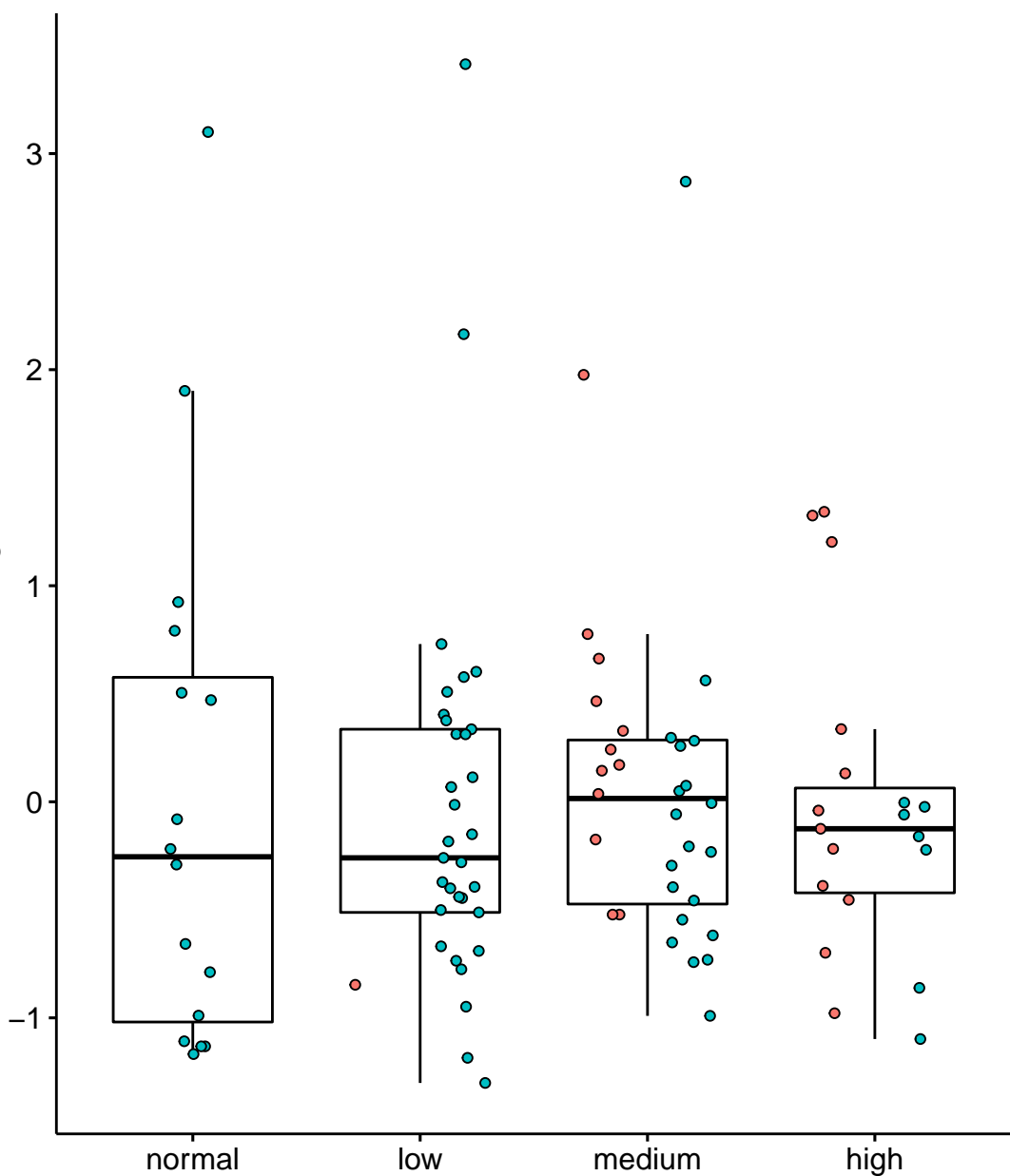


Location

ICU
ward

IL8

cube root metabolite ratio
corrected for age, sex, BMI



Location

- ICU
- ward