Figure S10

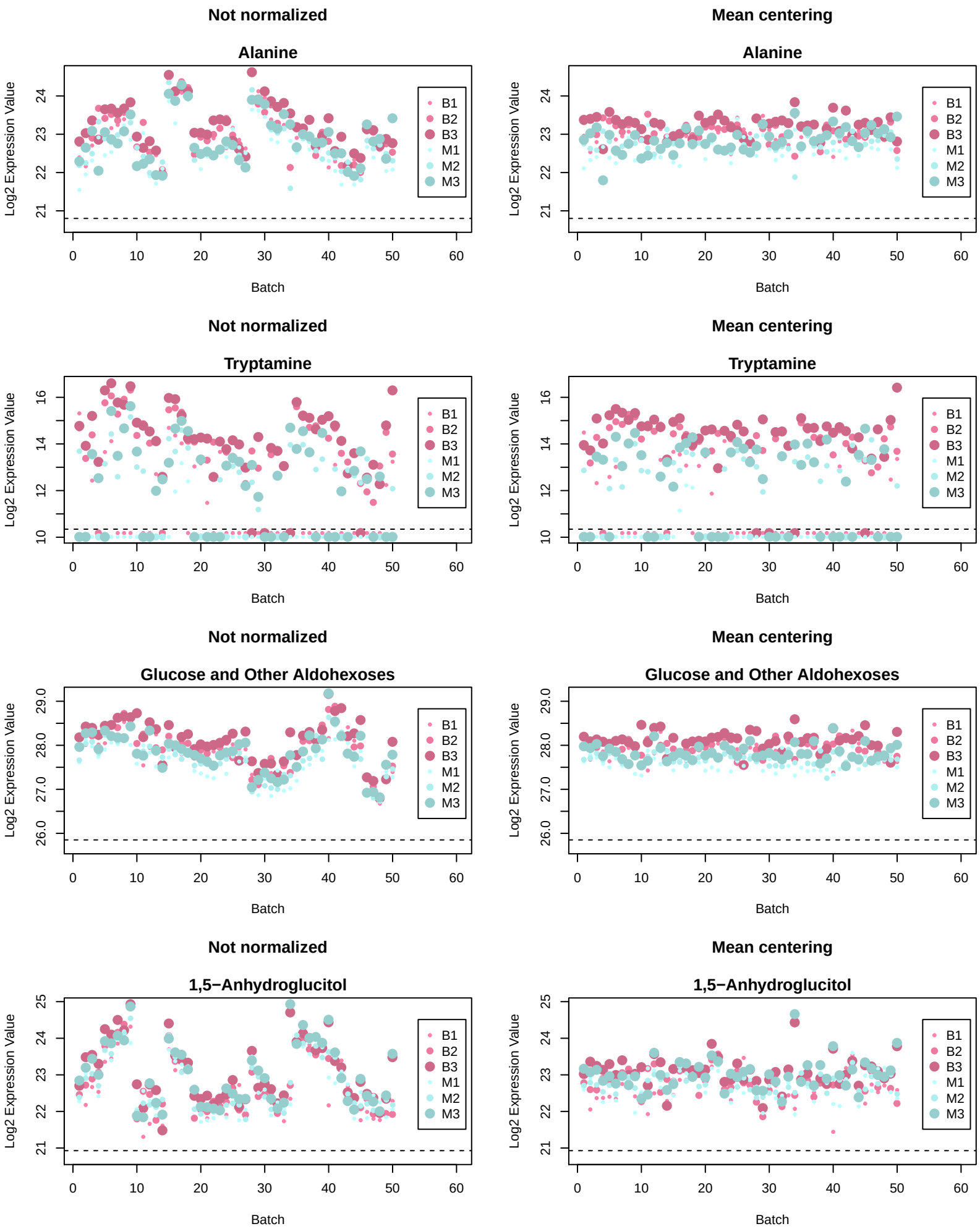

Not normalized
Alanine
Mean centering
Alanine
Not normalized
Tryptamine
Mean centering
Tryptamine
Not normalized
Glucose and Other Aldohexoses
Mean centering
Glucose and Other Aldohexoses
Not normalized
1,5−Anhydroglucitol
Mean centering
1,5−Anhydroglucitol
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3

Figure S11

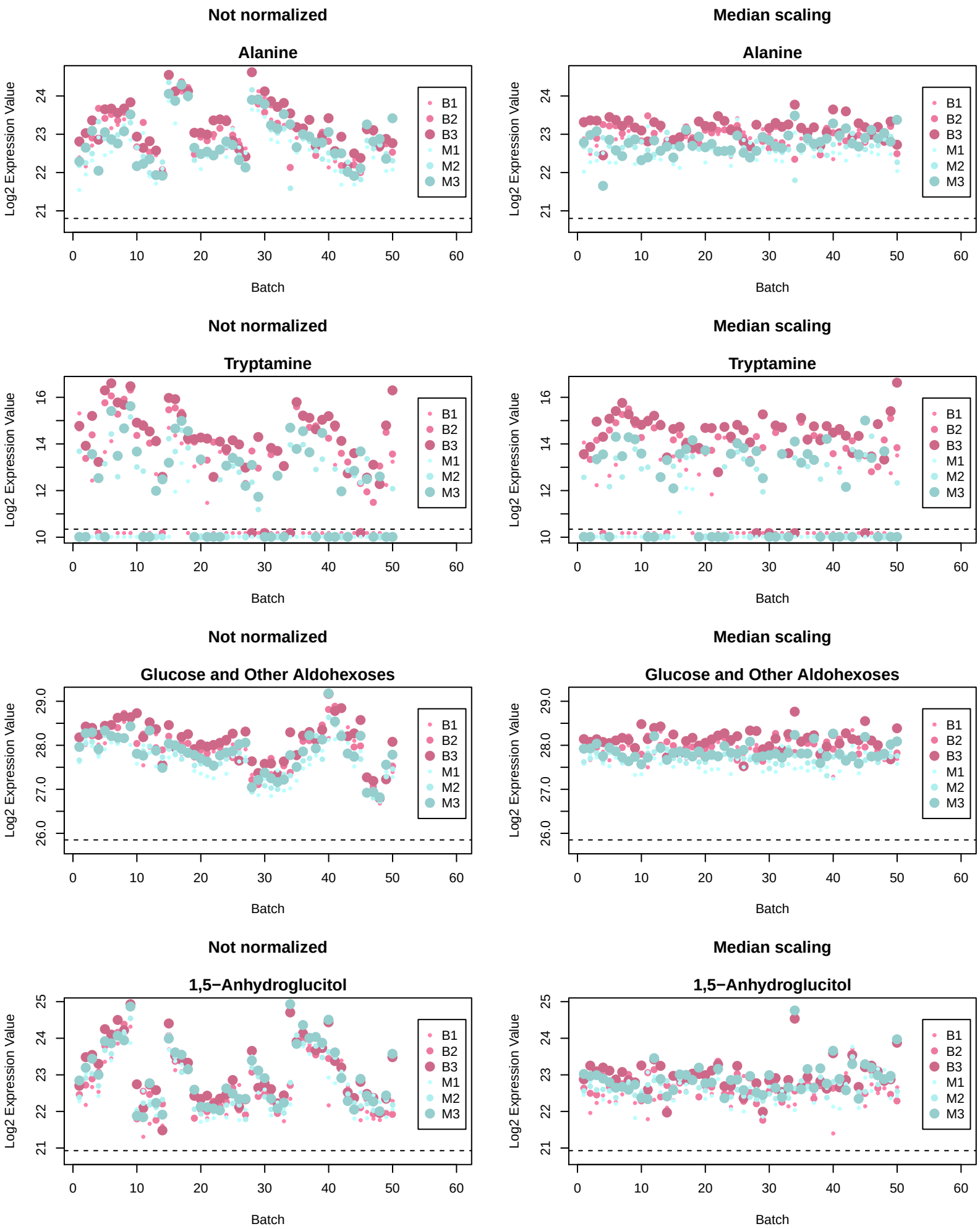

Not normalized
Alanine
Median scaling
Alanine
Not normalized
Tryptamine
Median scaling
Tryptamine
Not normalized
Glucose and Other Aldohexoses
Median scaling
Glucose and Other Aldohexoses
Not normalized
1,5−Anhydroglucitol
Median scaling
1,5−Anhydroglucitol
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3

Figure S12

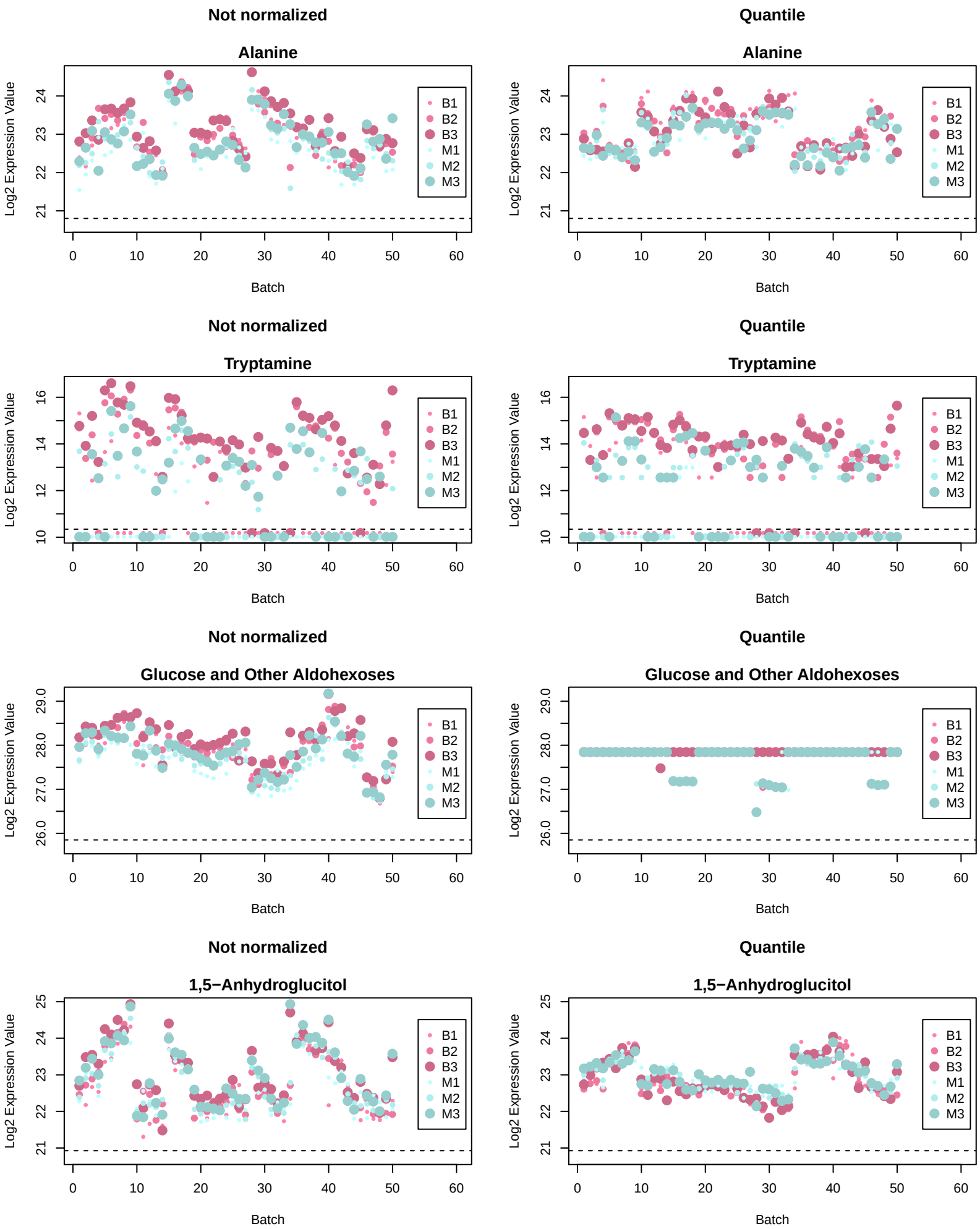

Not normalized
Alanine
Quantile
Alanine
Not normalized
Tryptamine
Quantile
Tryptamine
Not normalized
Glucose and Other Aldohexoses
Quantile
Glucose and Other Aldohexoses
Not normalized
1,5−Anhydroglucitol
Quantile
1,5−Anhydroglucitol
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3

Figure S13

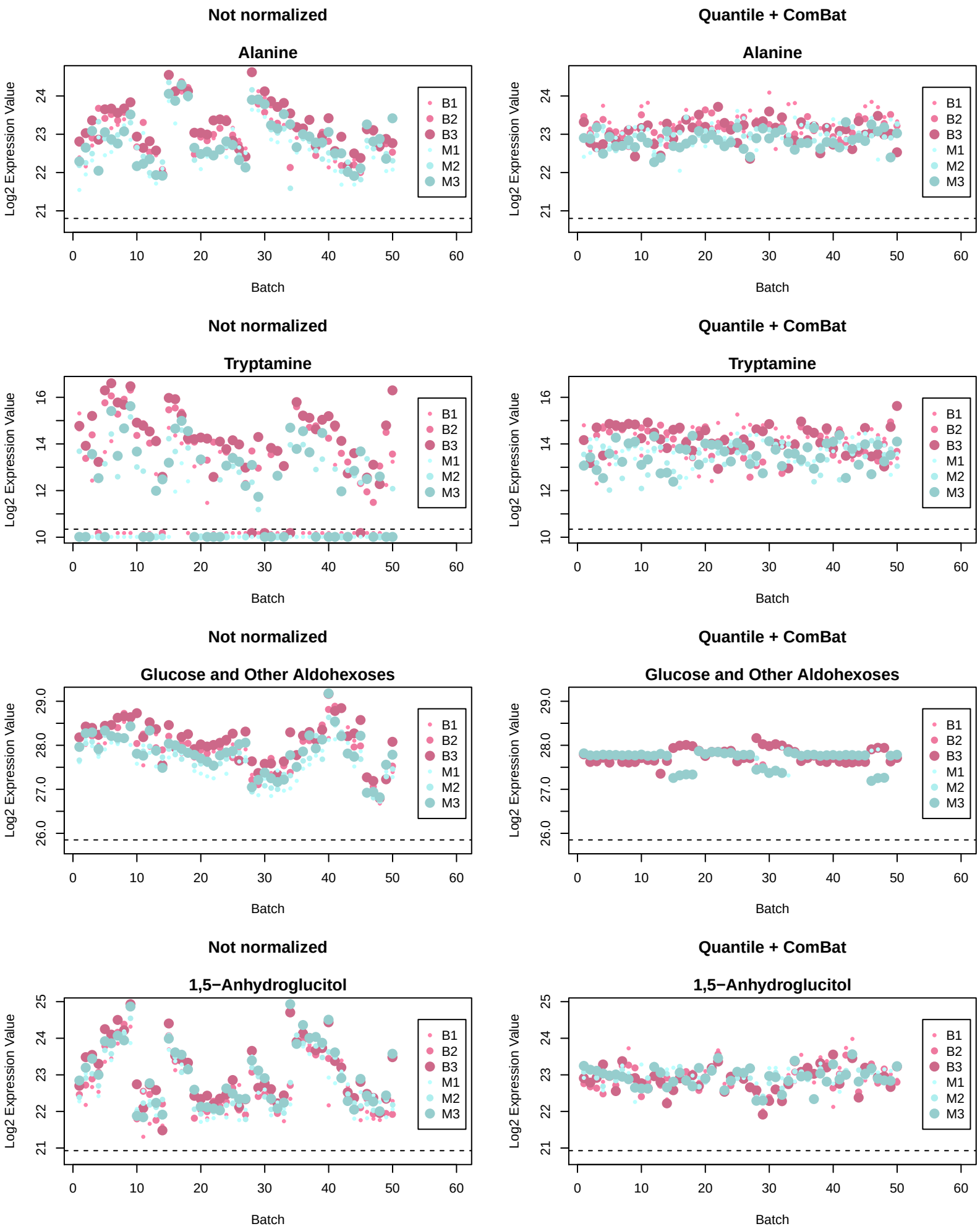
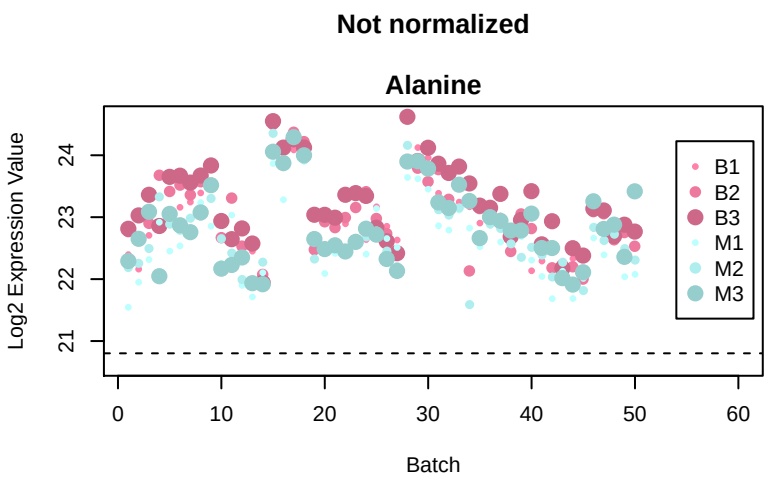
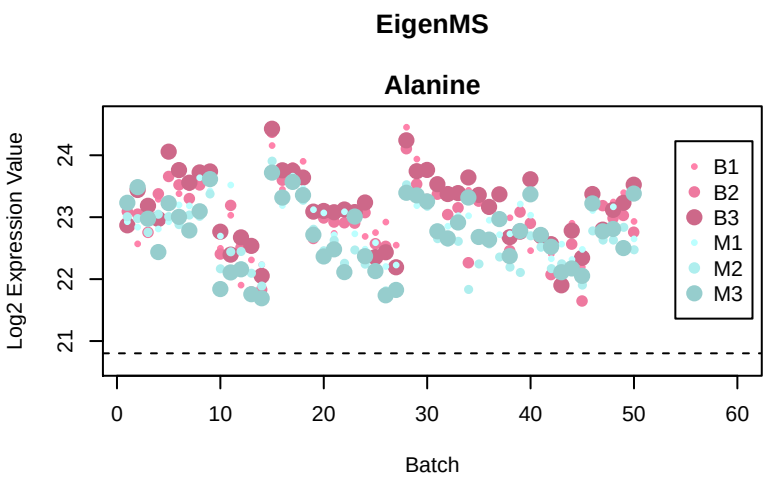
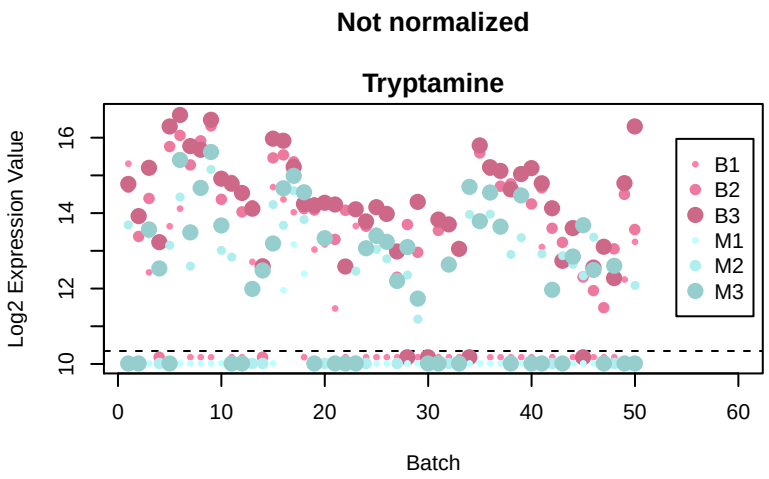
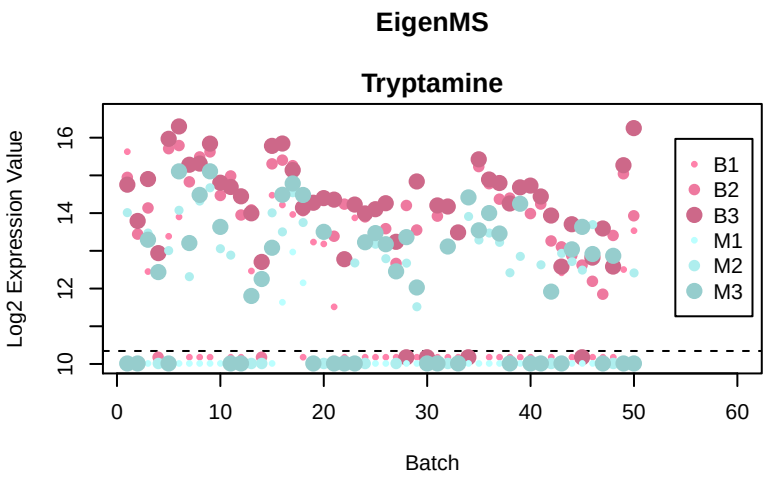

Not normalized
Alanine
Quantile + ComBat
Alanine
Not normalized
Tryptamine
Quantile + ComBat
Tryptamine
Not normalized
Glucose and Other Aldohexoses
Quantile + ComBat
Glucose and Other Aldohexoses
Not normalized
1,5−Anhydroglucitol
Quantile + ComBat
1,5−Anhydroglucitol
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3

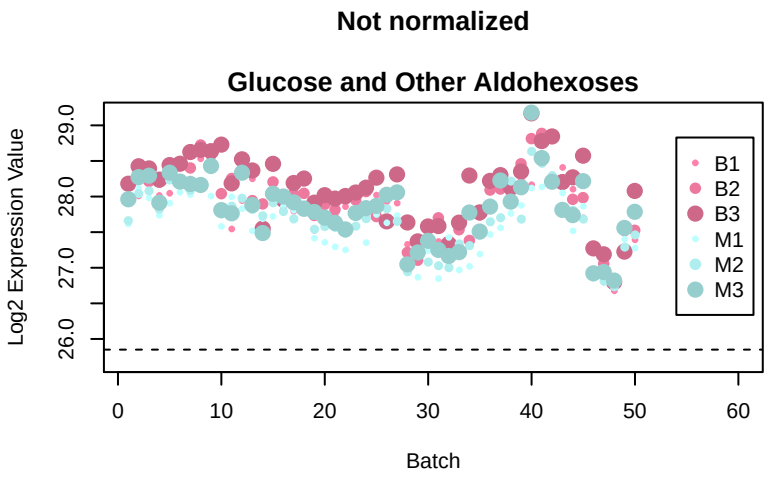
Figure S14

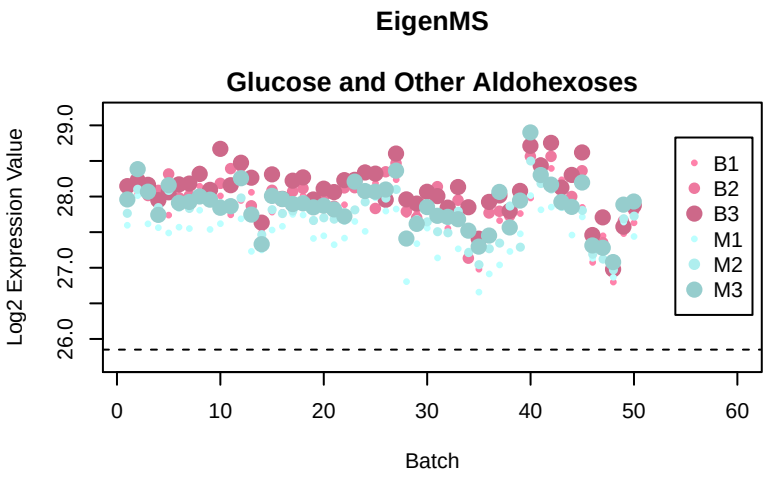

Not normalized
Alanine
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3

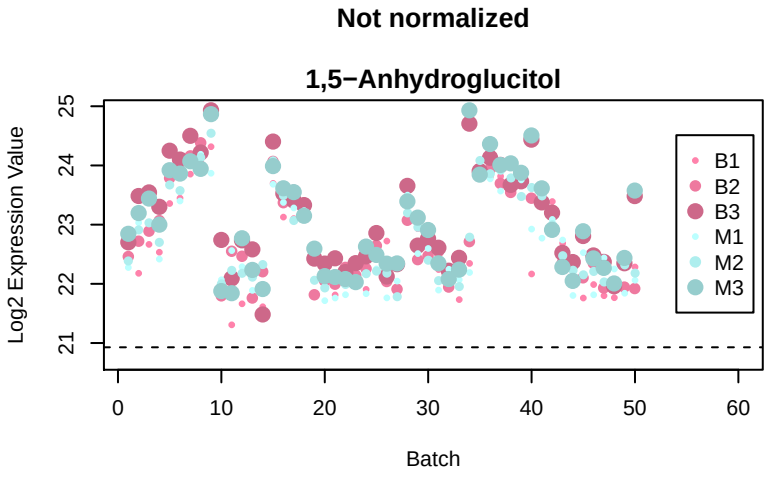

EigenMS
Alanine
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3


Not normalized
Tryptamine
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3


EigenMS
Tryptamine
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3


Not normalized
Glucose and Other Aldohexoses
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3


EigenMS
Glucose and Other Aldohexoses
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3


Not normalized
1,5−Anhydroglucitol
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3

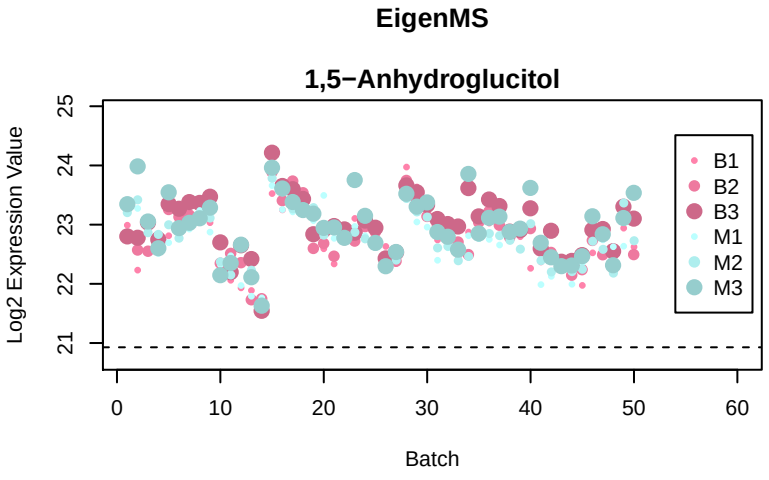

EigenMS
1,5−Anhydroglucitol
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3

Figure S15

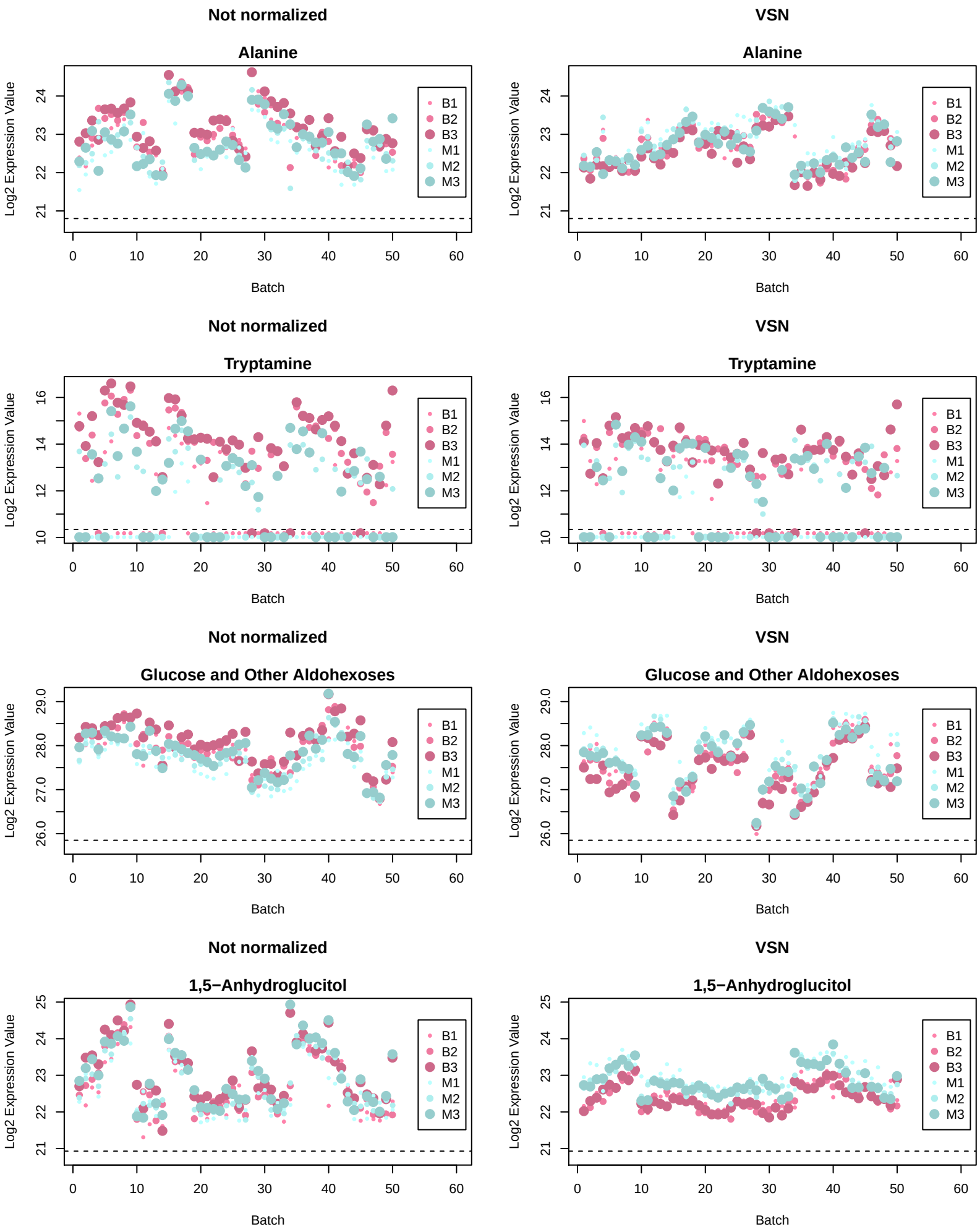
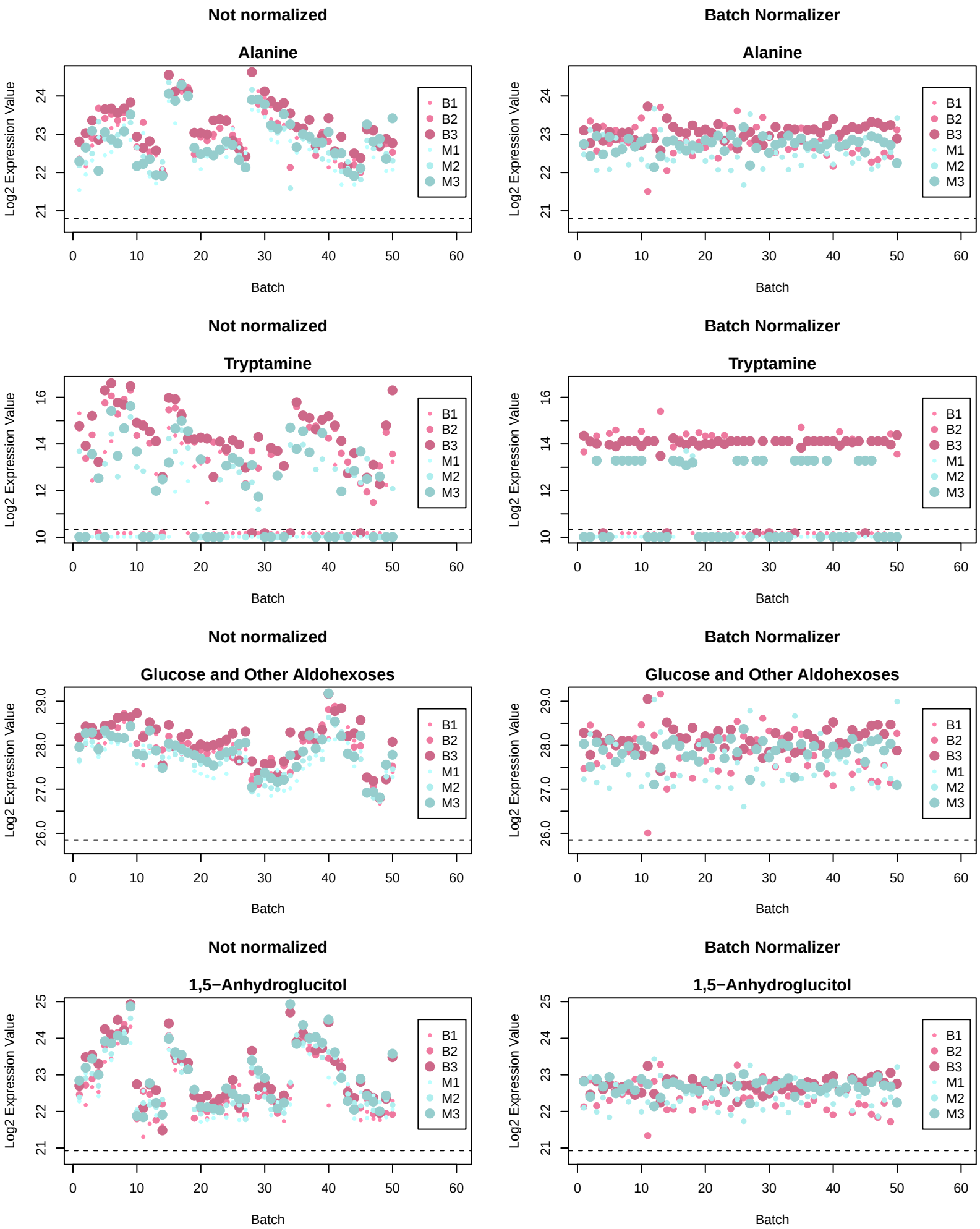

Not normalized
Alanine
VSN
Alanine
Not normalized
Tryptamine
VSN
Tryptamine
Not normalized
Glucose and Other Aldohexoses
VSN
Glucose and Other Aldohexoses
Not normalized
1,5−Anhydroglucitol
VSN
1,5−Anhydroglucitol
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3

Figure S16


Not normalized
Alanine
Batch Normalizer
Alanine
Not normalized
Tryptamine
Batch Normalizer
Tryptamine
Not normalized
Glucose and Other Aldohexoses
Batch Normalizer
Glucose and Other Aldohexoses
Not normalized
1,5−Anhydroglucitol
Batch Normalizer
1,5−Anhydroglucitol
Log2 Expression Value
Batch
B1
B2
B3
M1
M2
M3