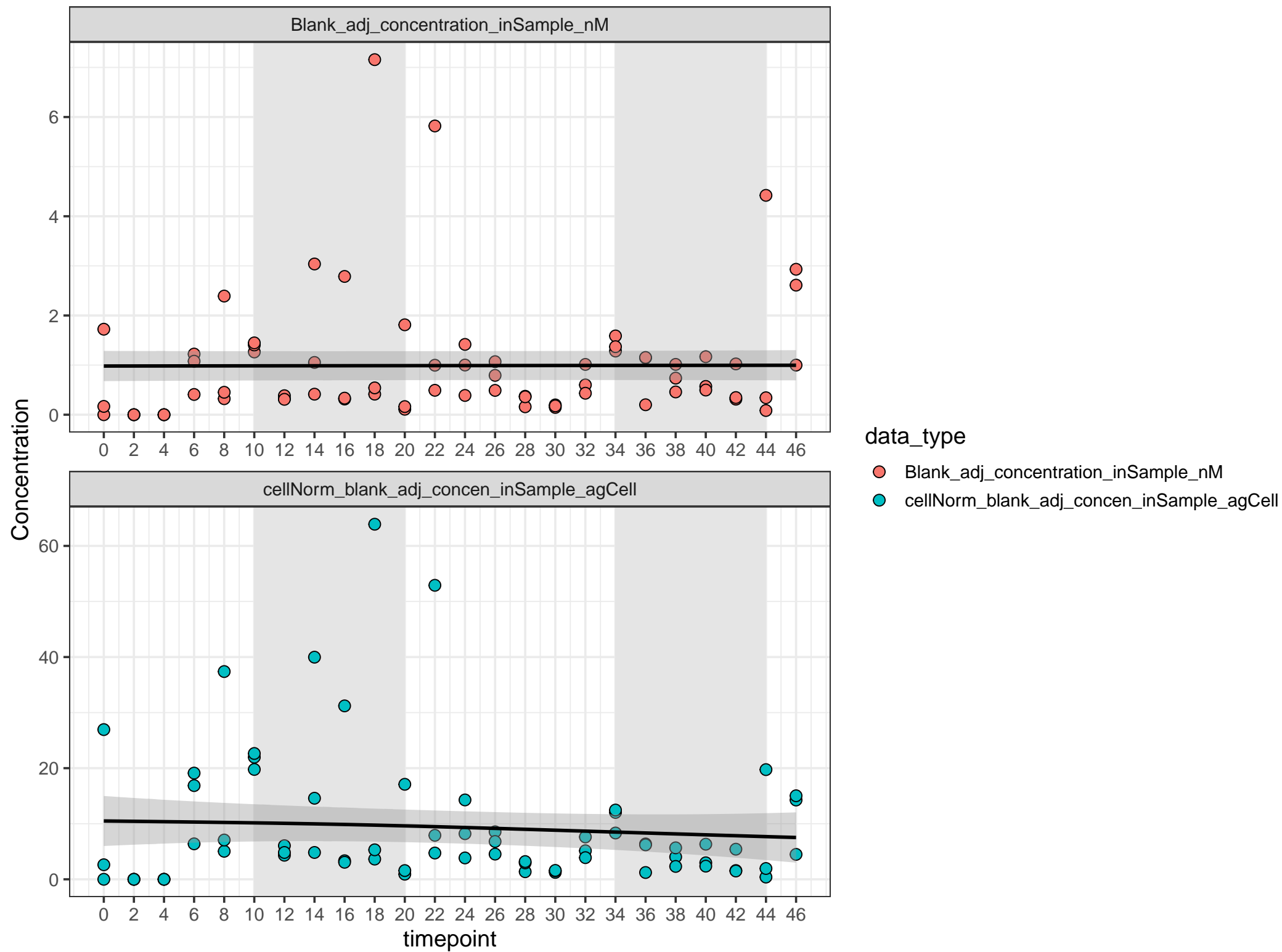
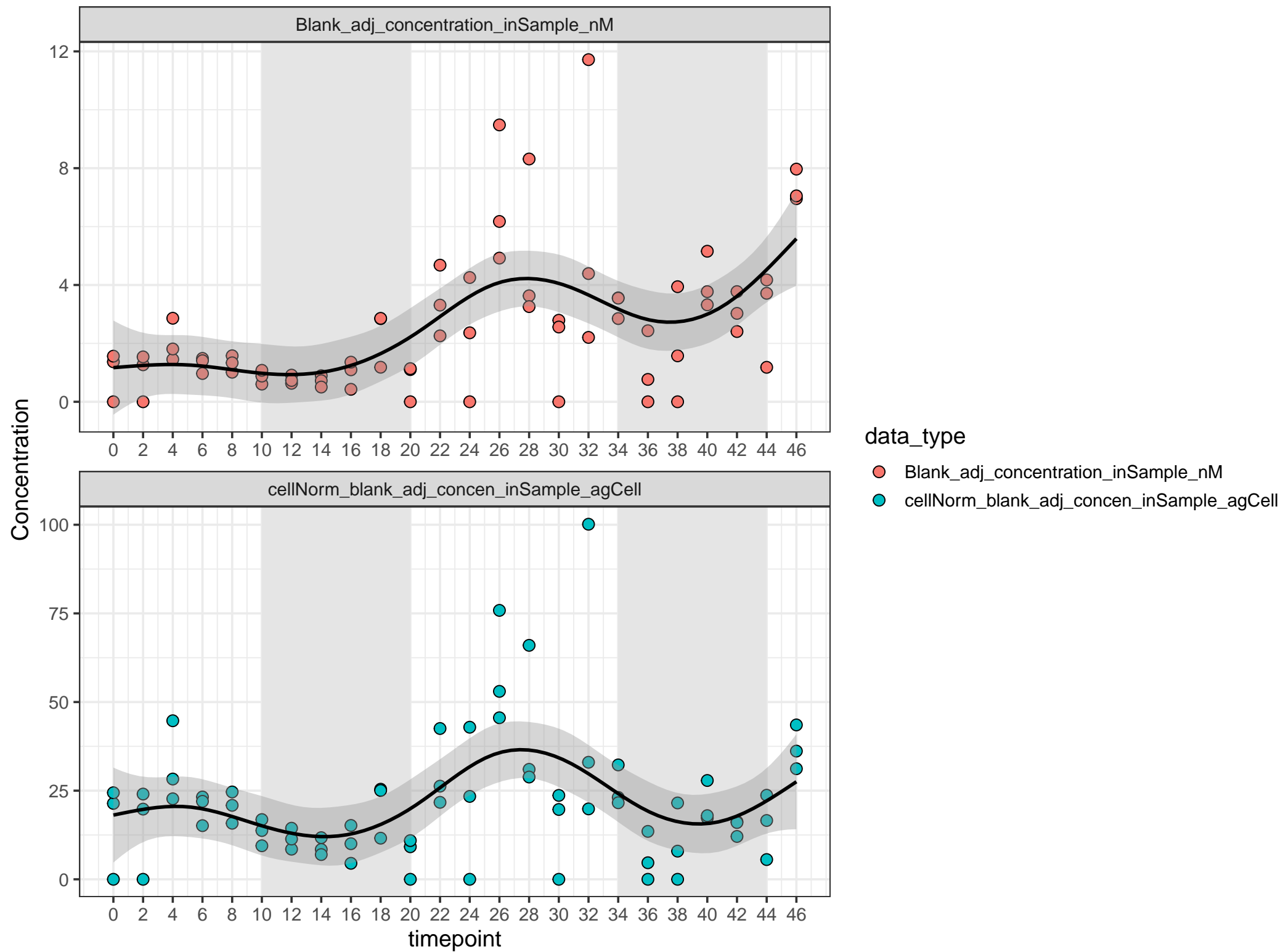


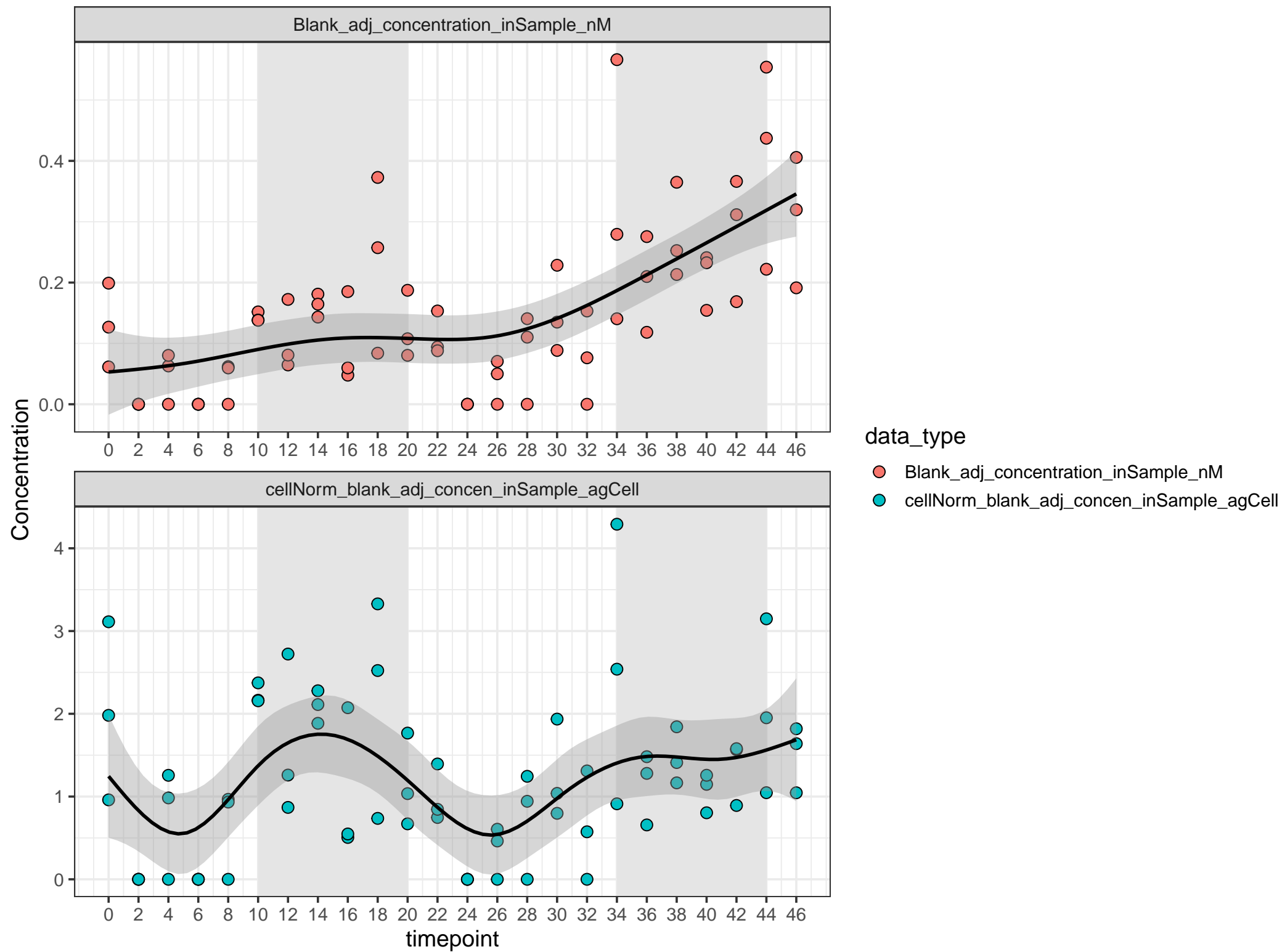
# glutamine



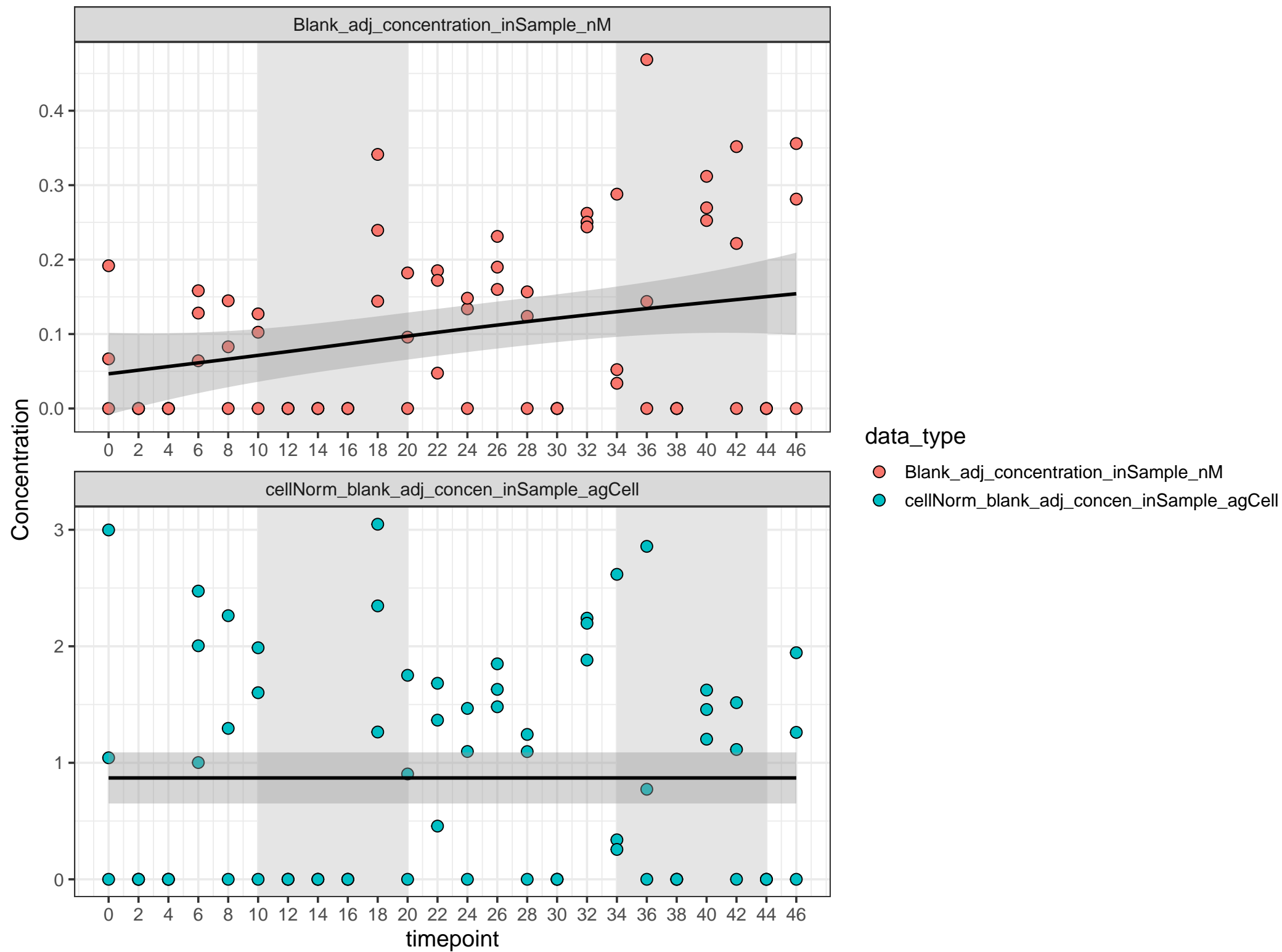
# adenosine 5'-monophosphate pos



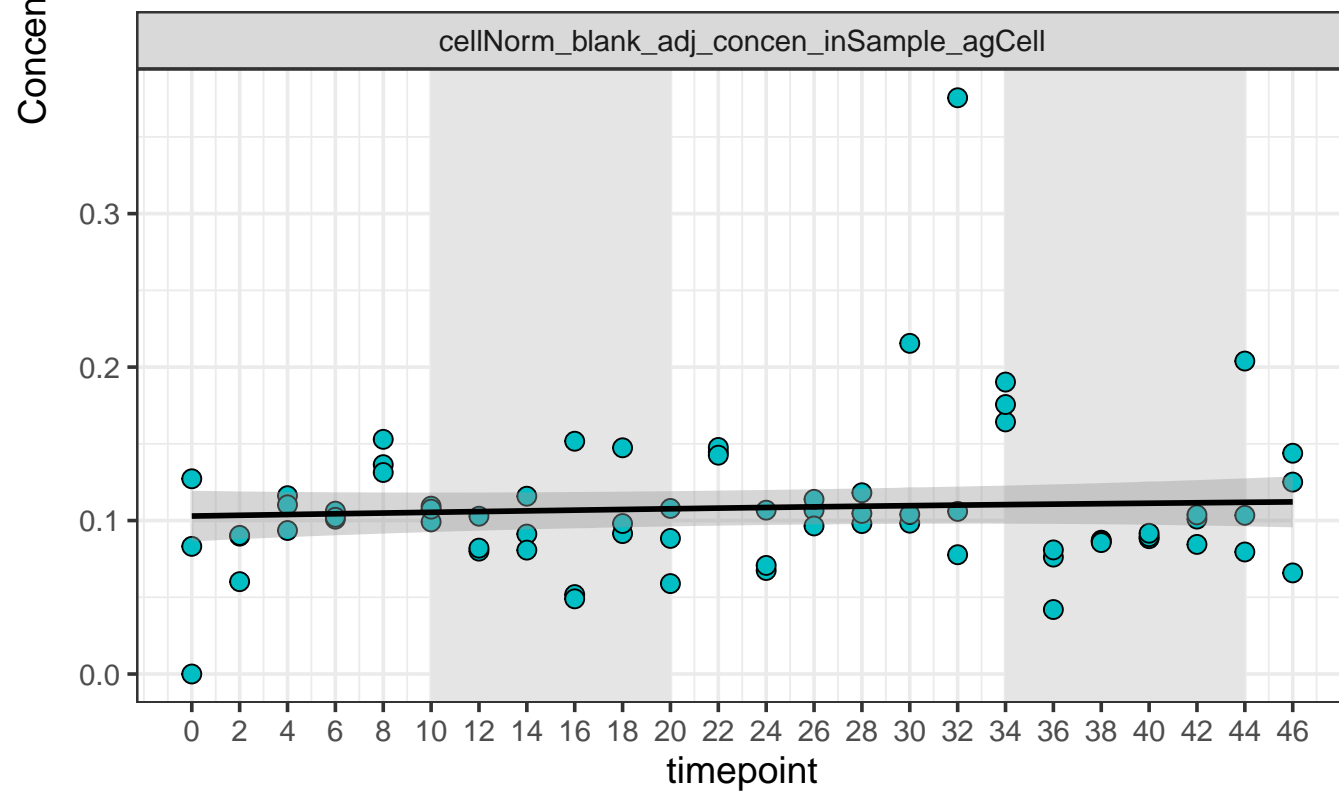
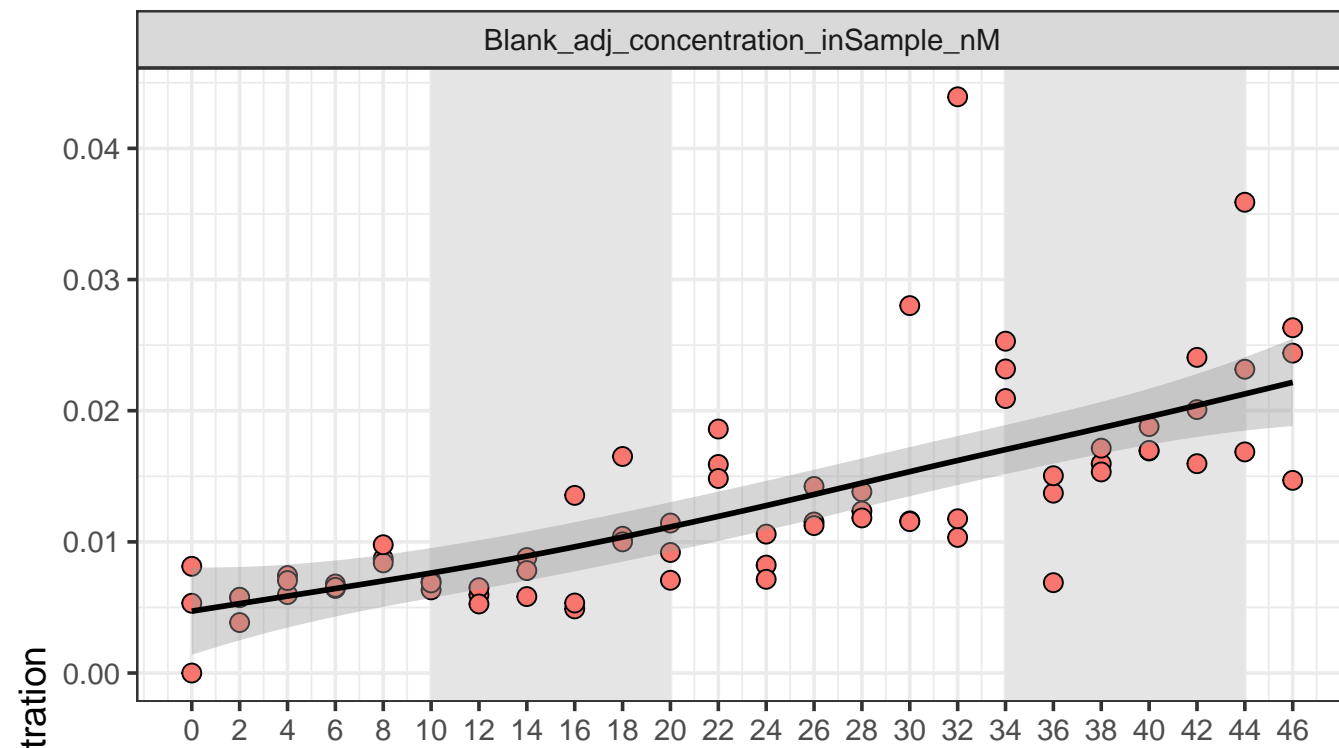
# 3-methyl-2-oxobutanoic acid



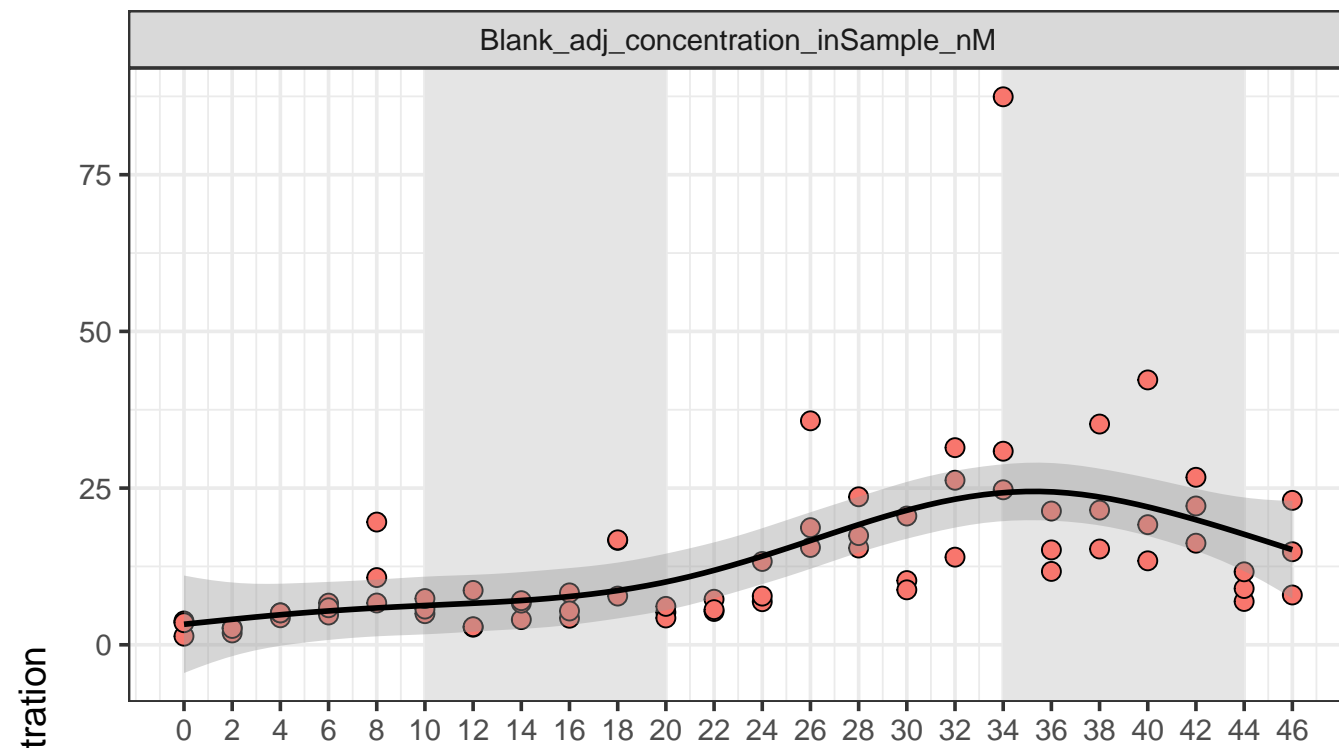
# guanine



# guanosine pos

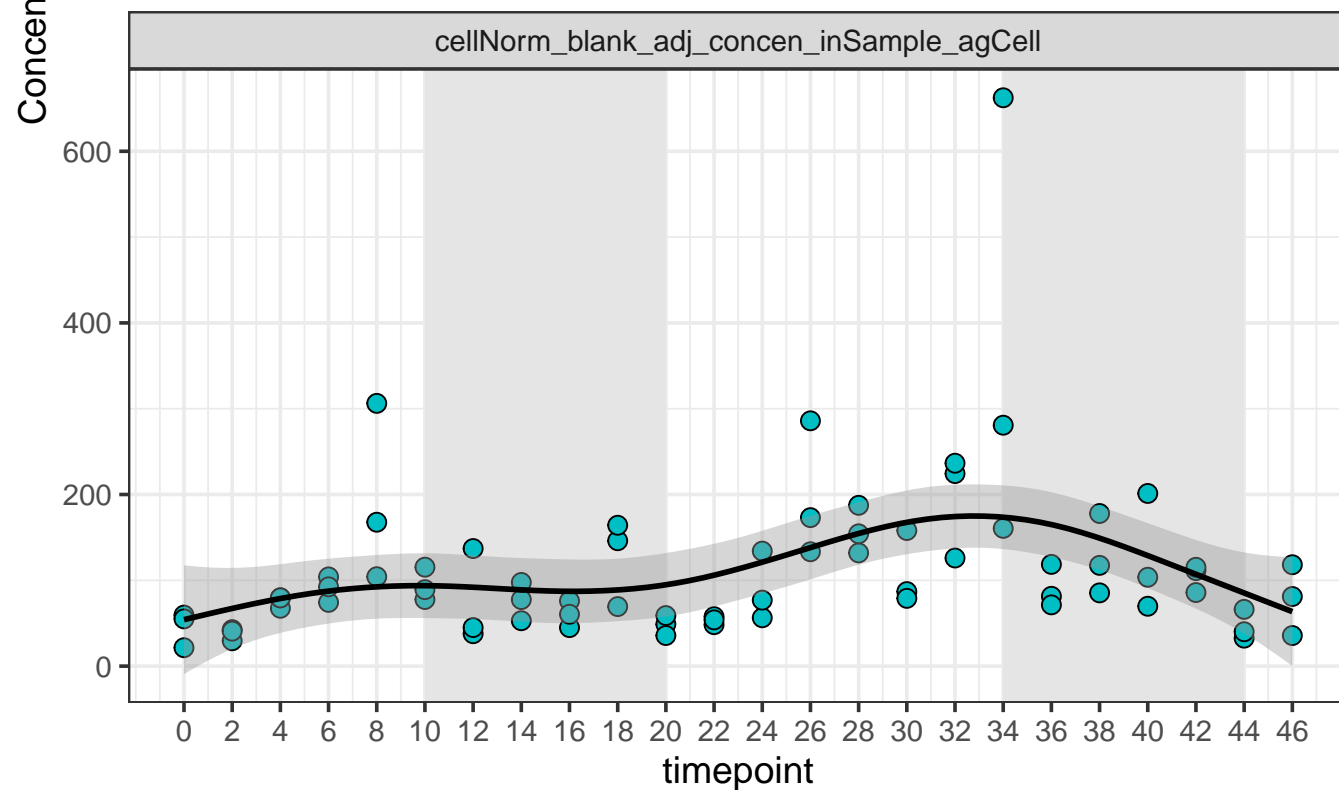


# glutathione oxidized

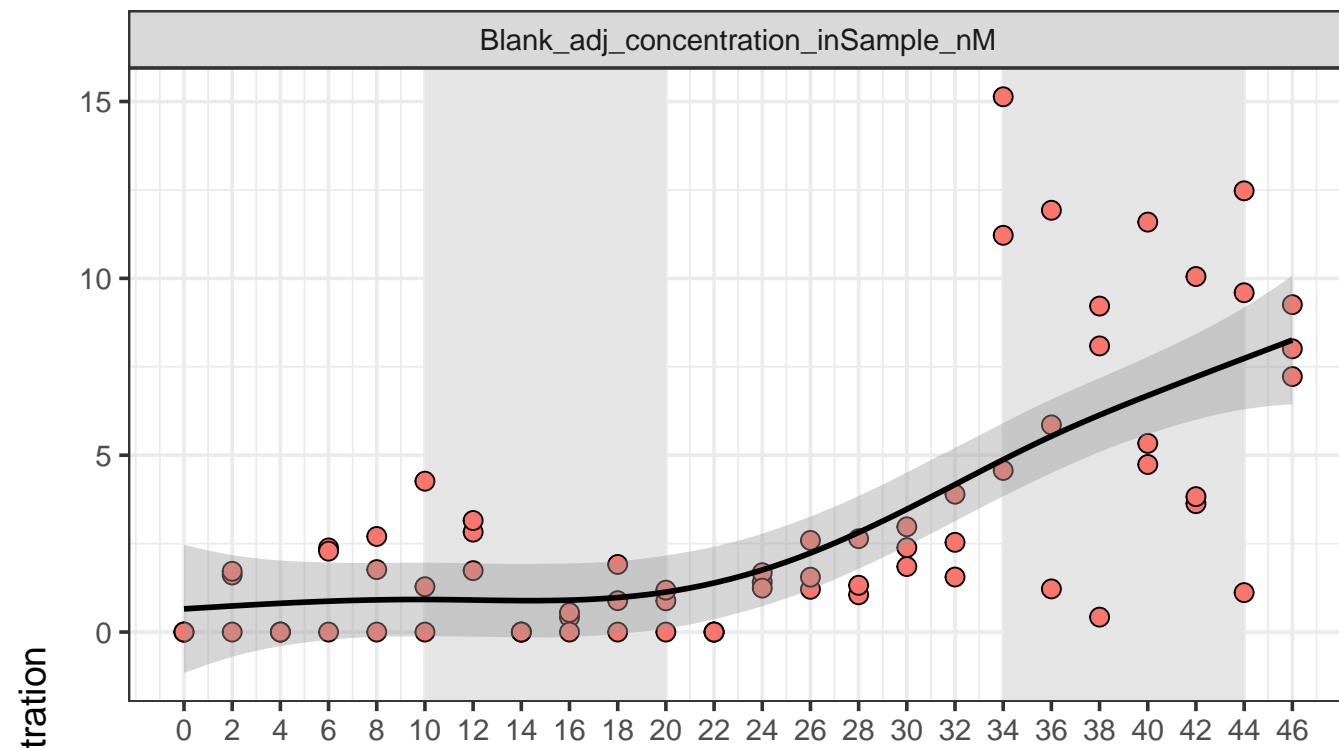


data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

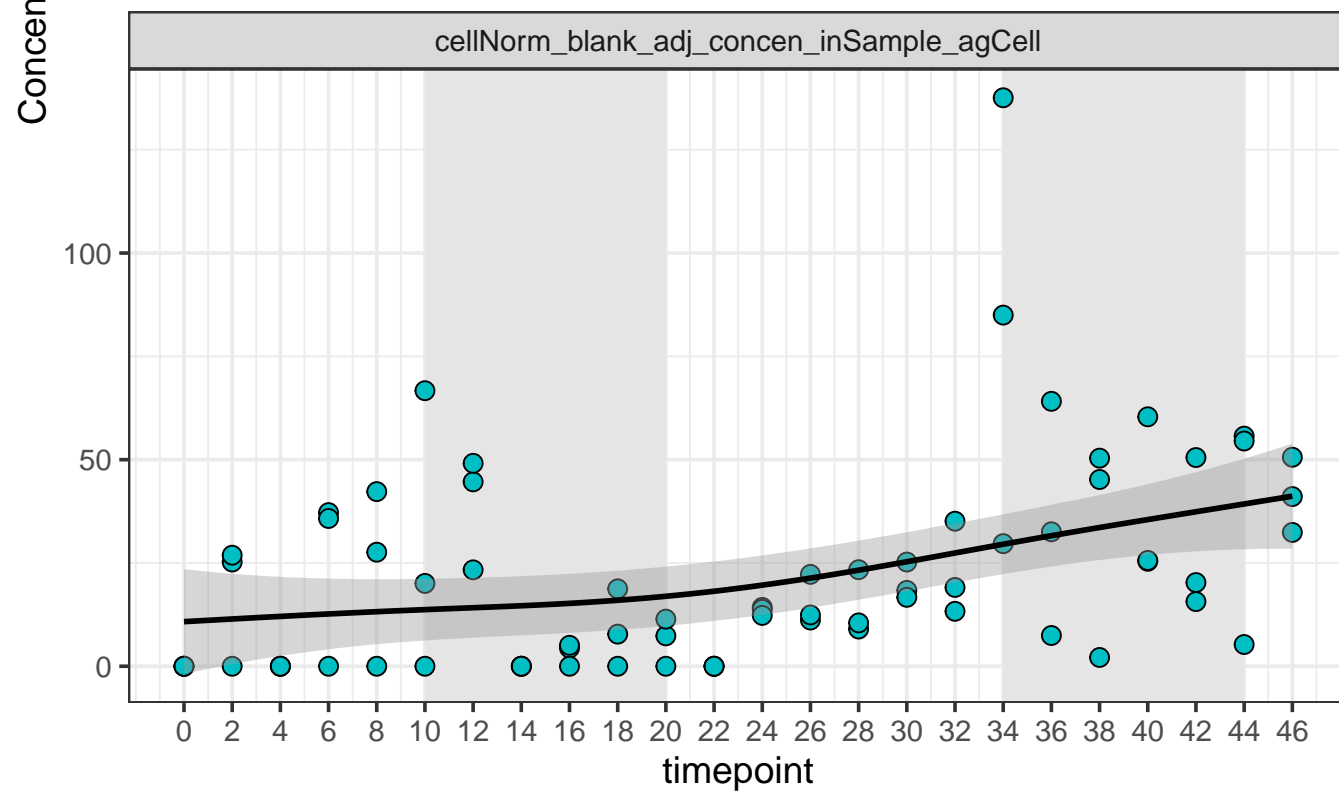


# glutathione pos

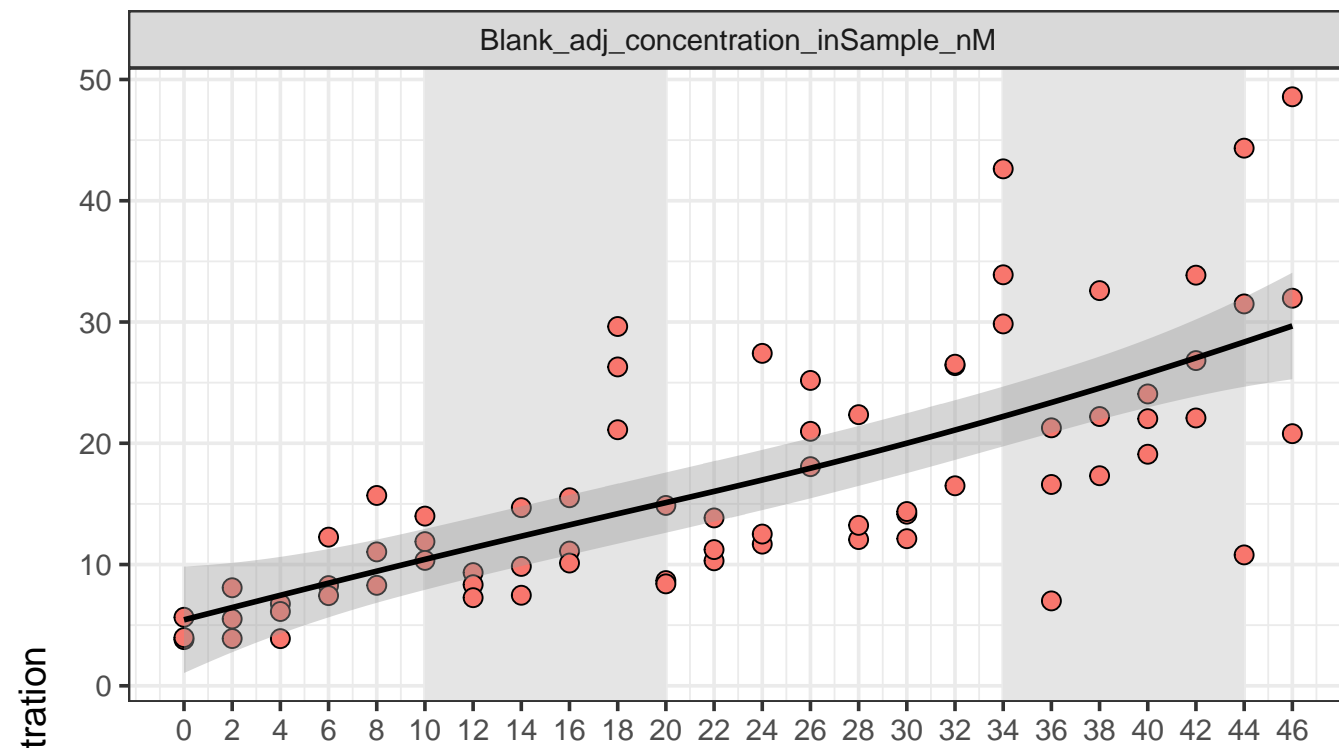


data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

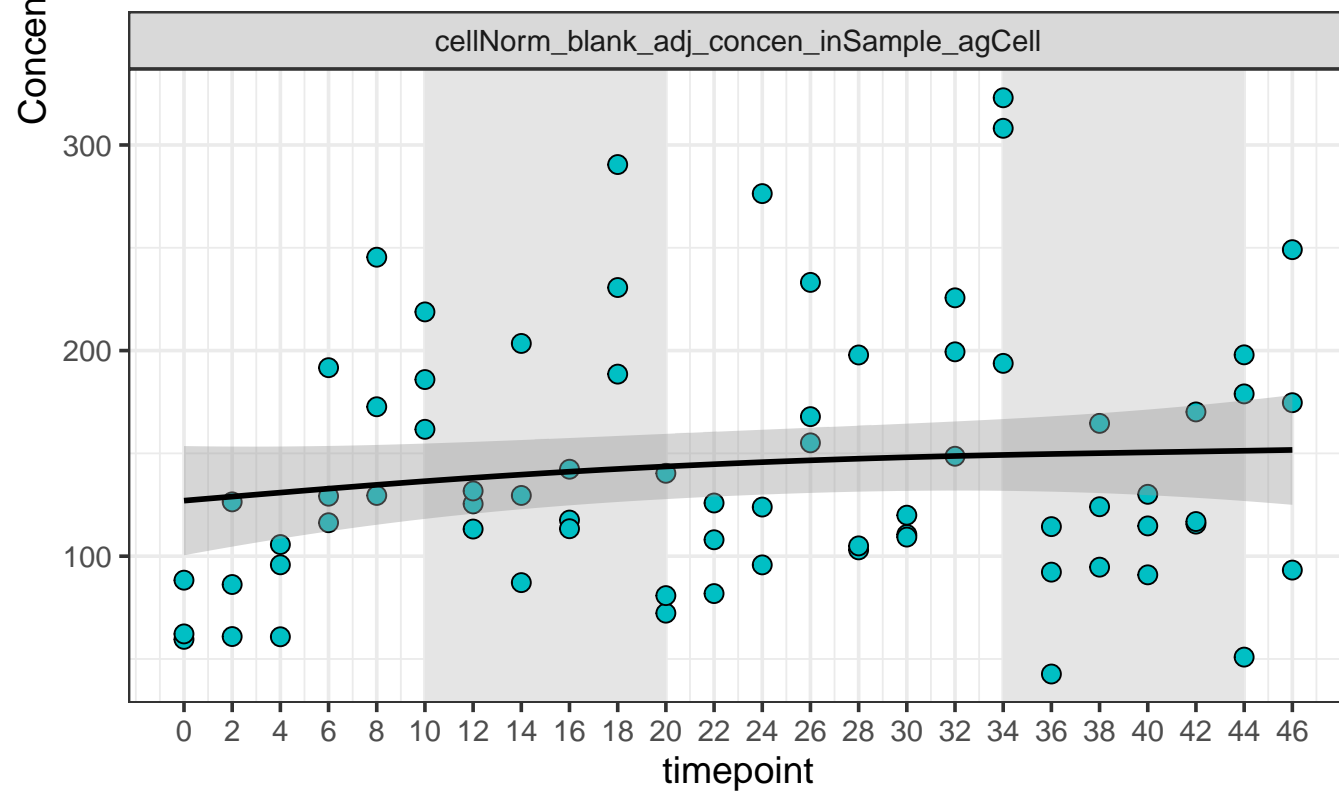


# n-acetylglutamic acid



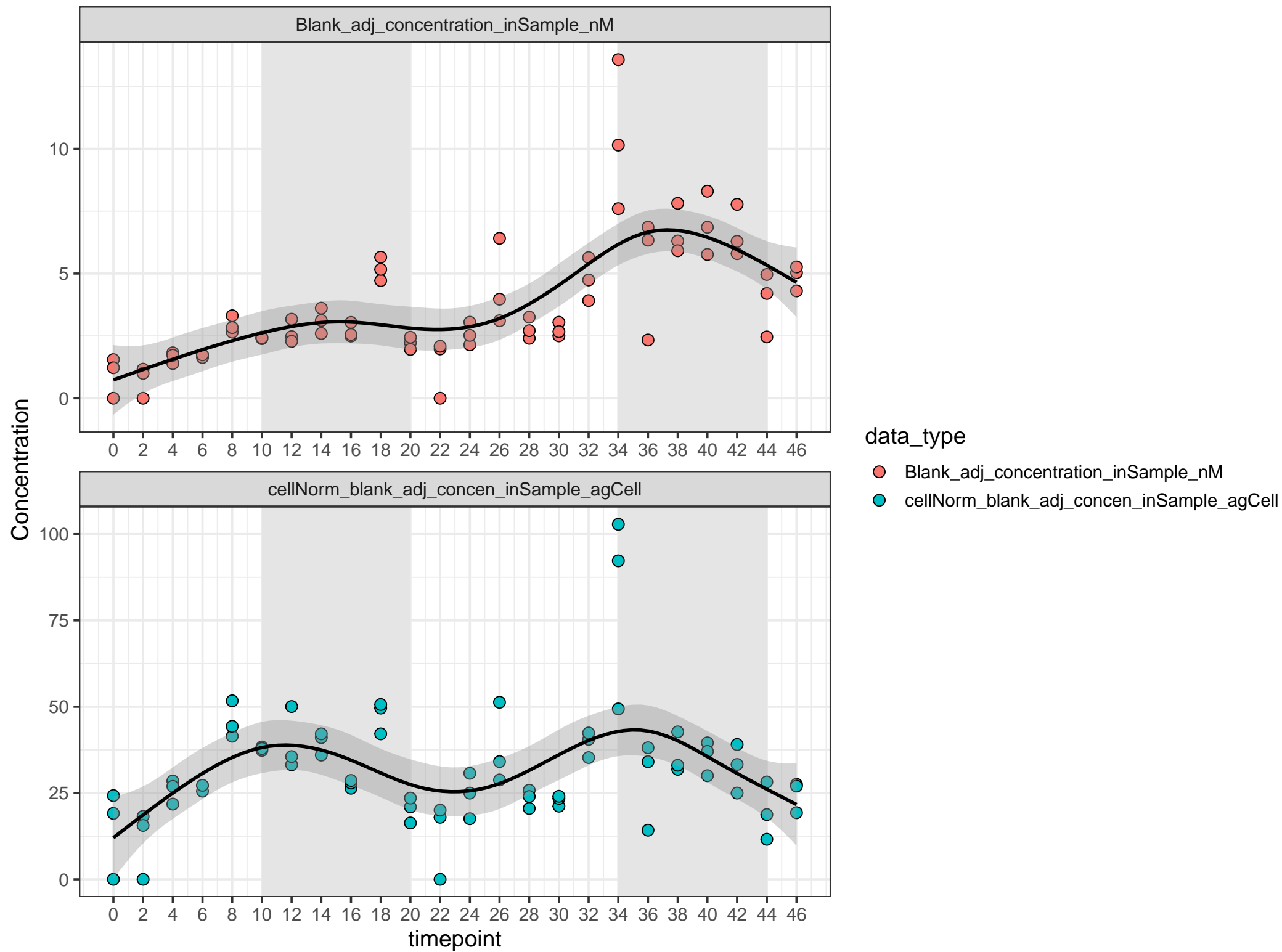
data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

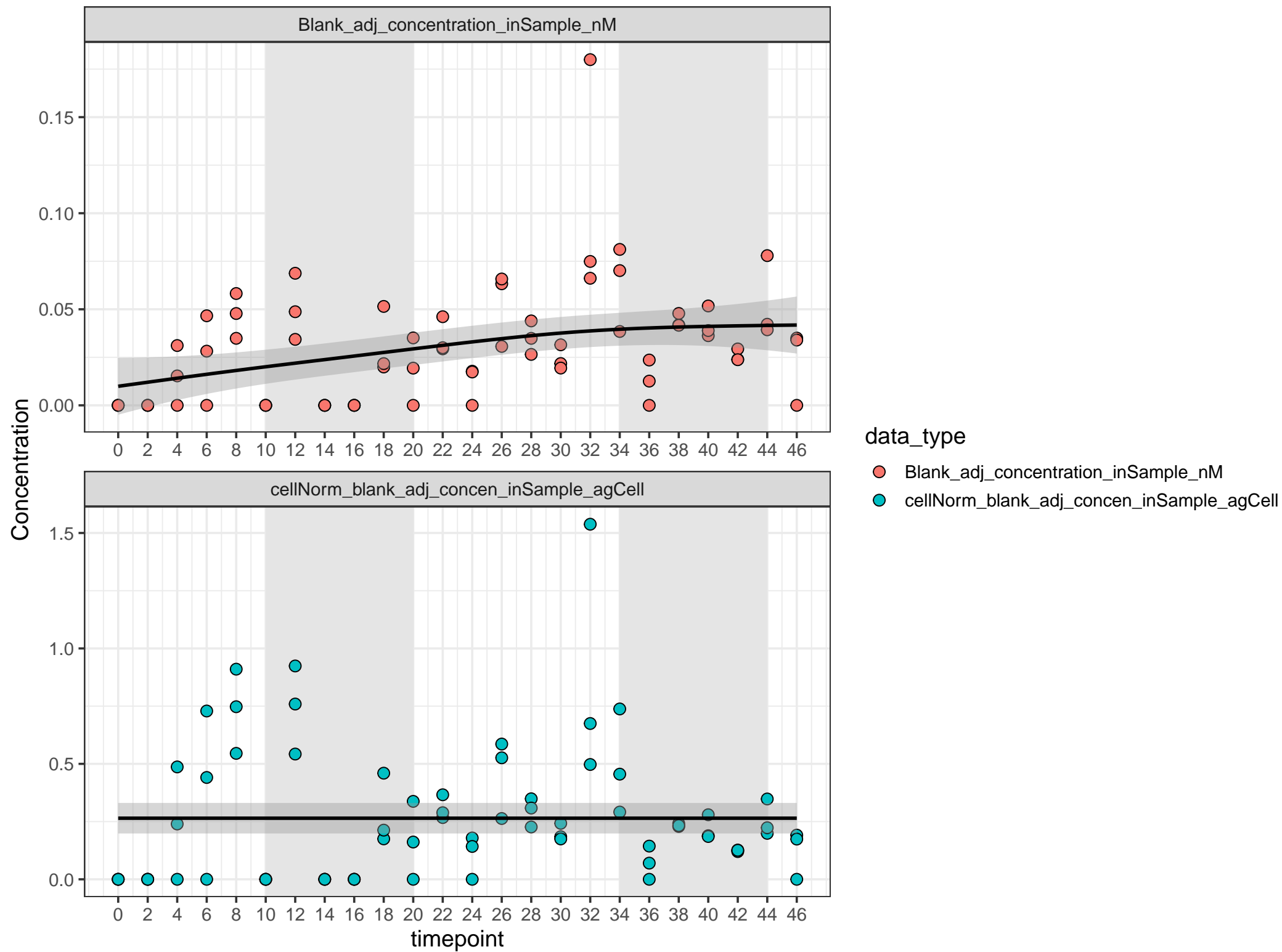




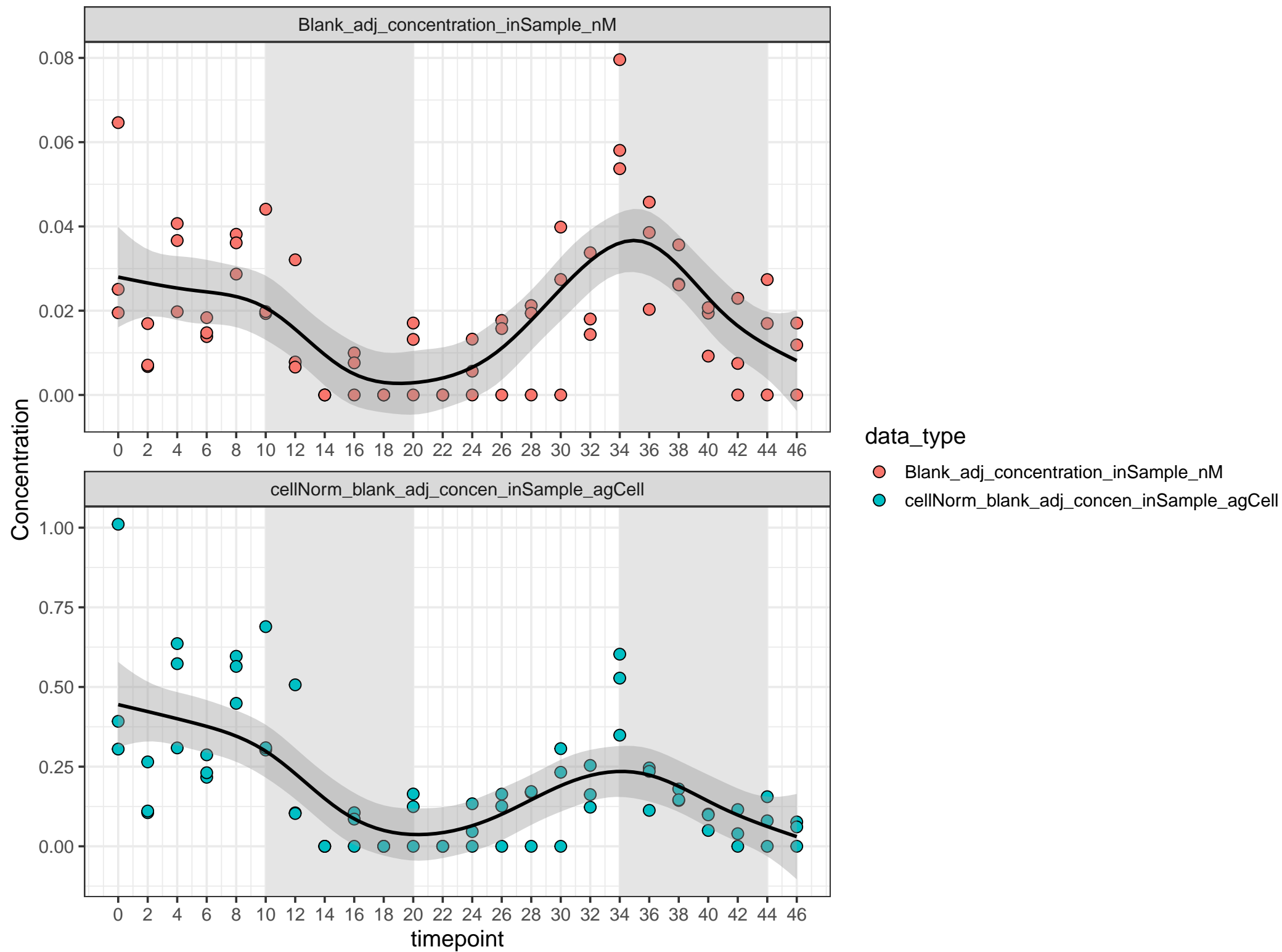
# NAD



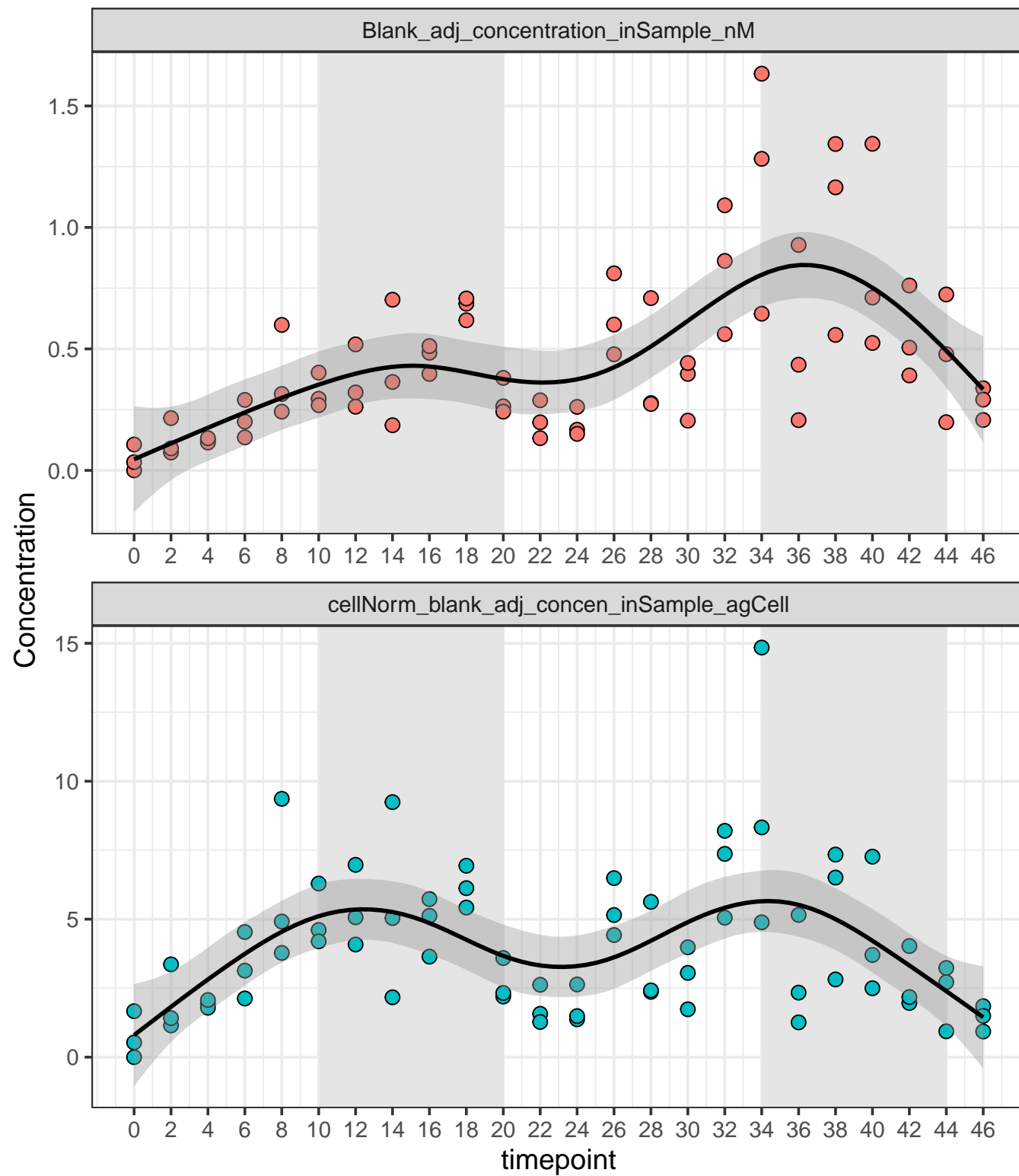
# hexose-6-phosphate



# 4-hydroxybenzoic acid



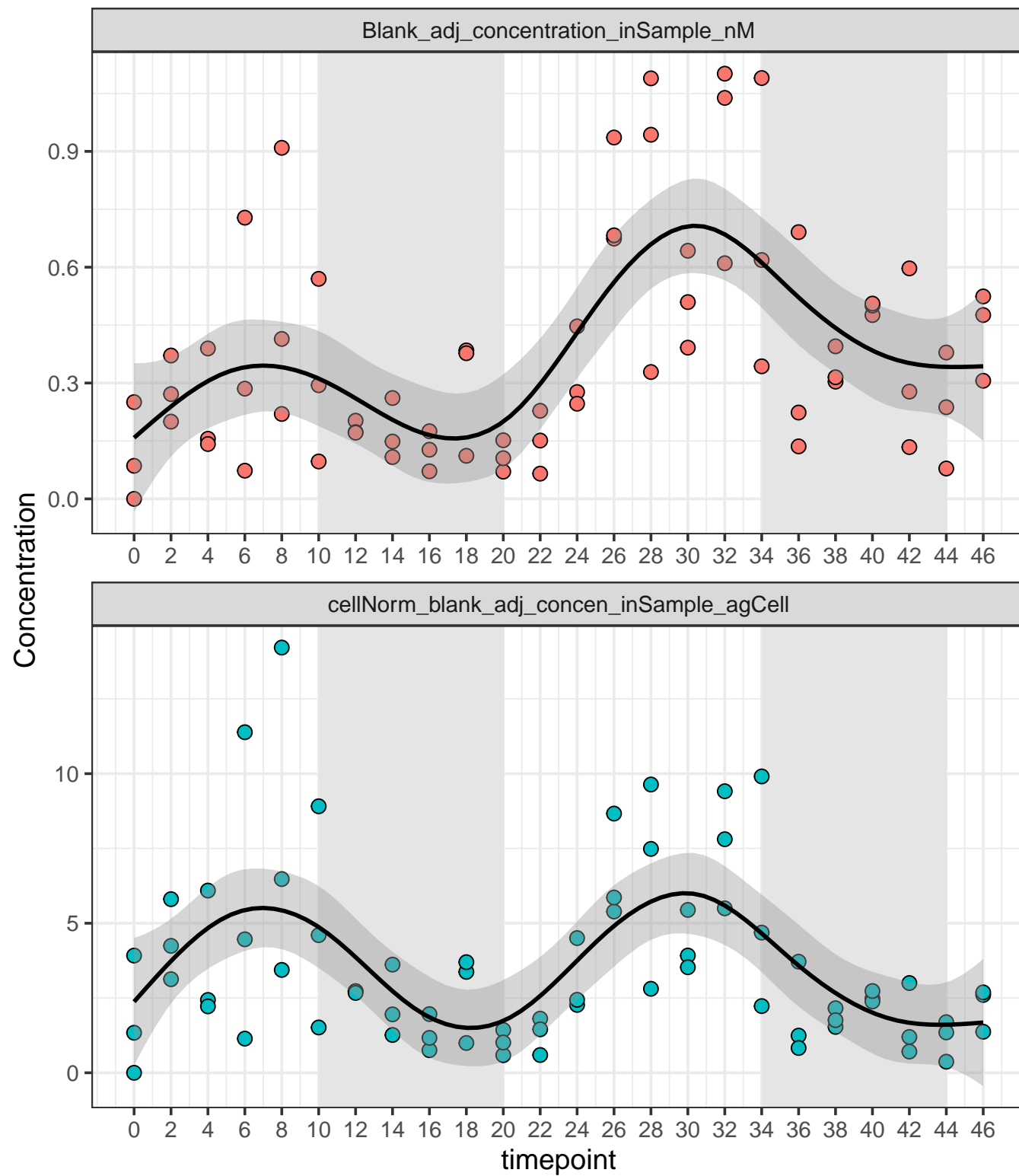
# citrulline



## data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

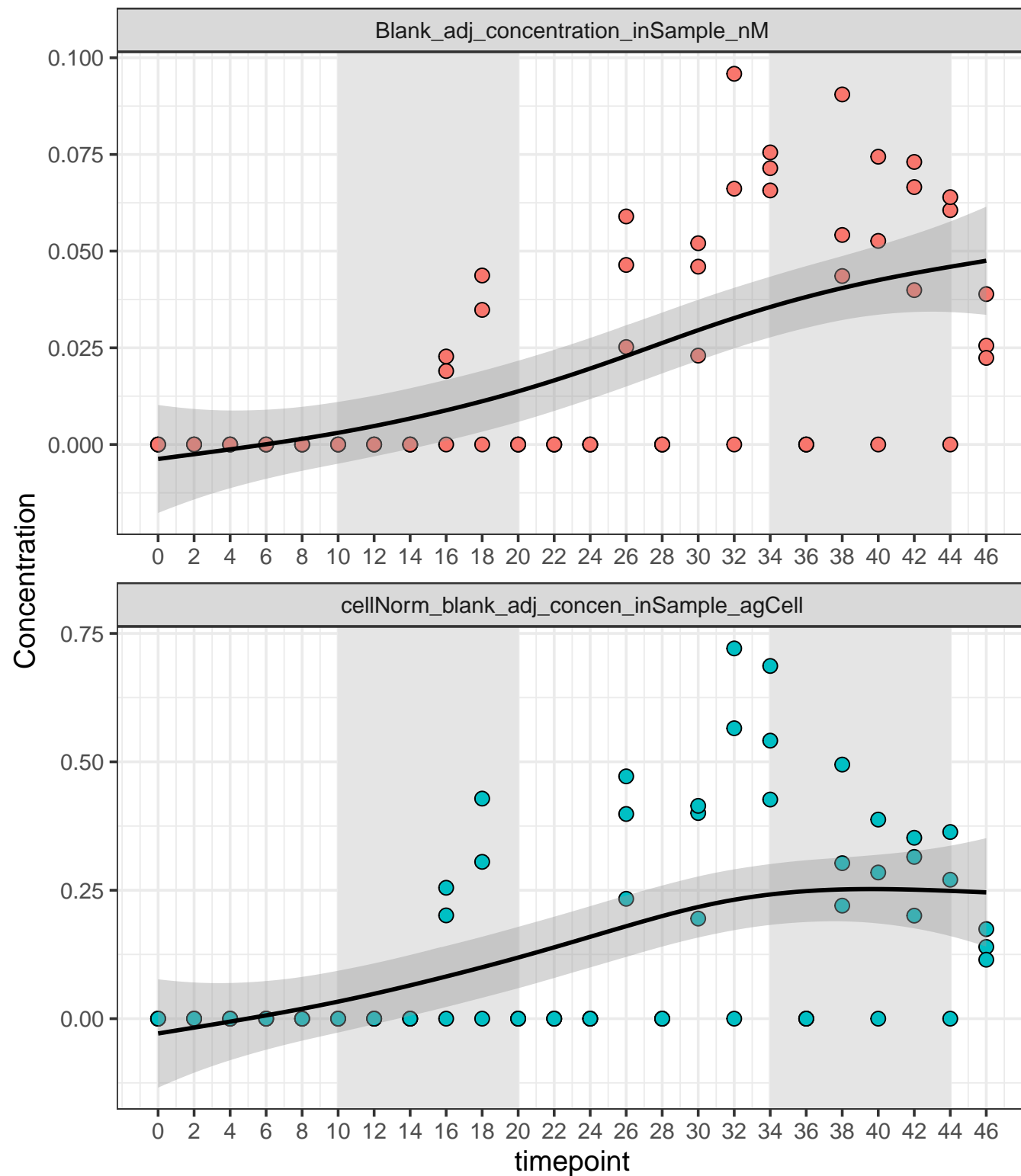
# cytidine pos



## data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

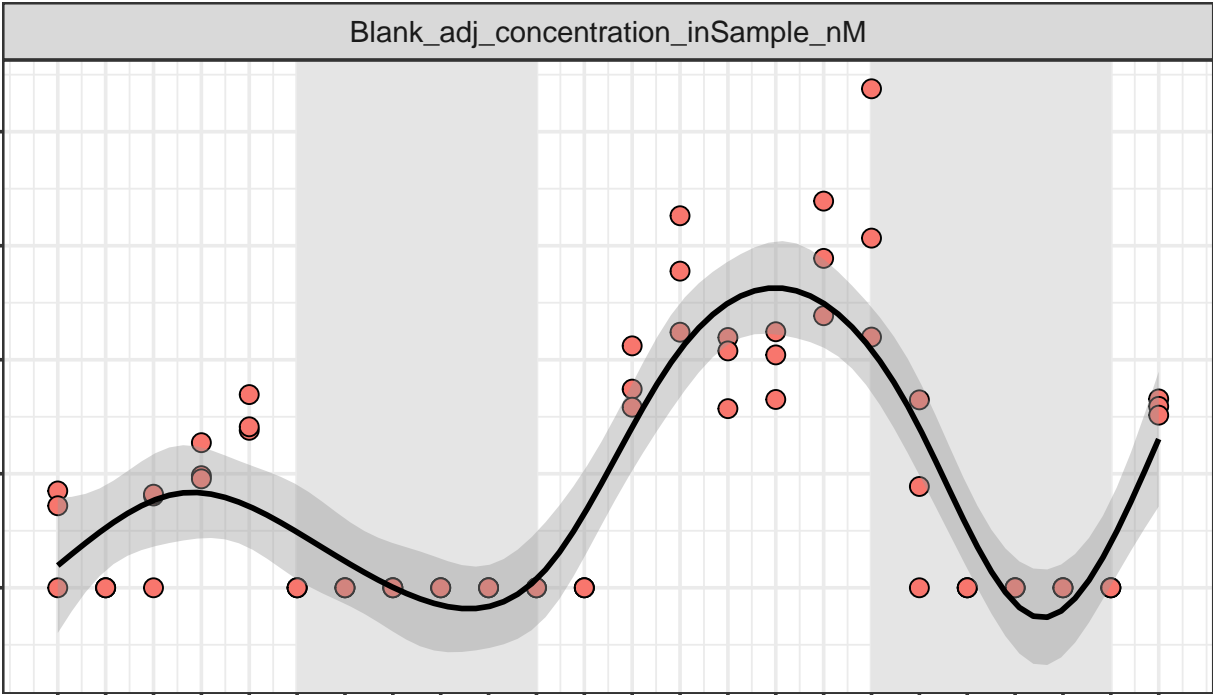
# cytosine



## data\_type

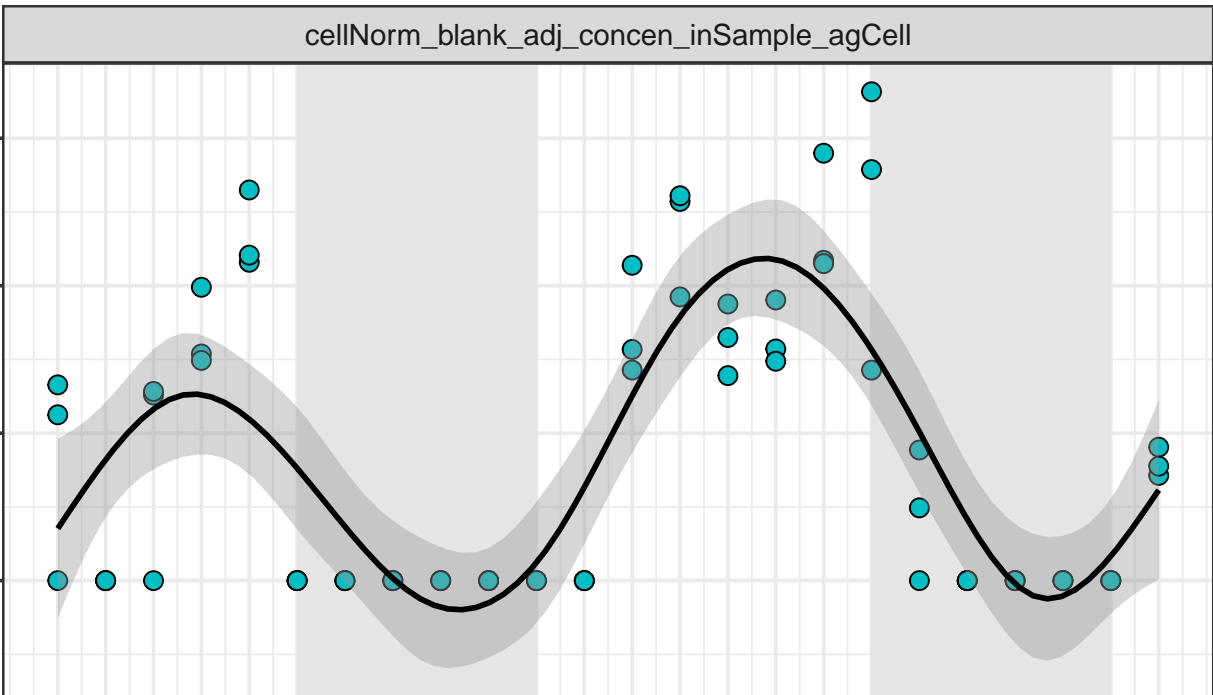
- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

desthiobiotin



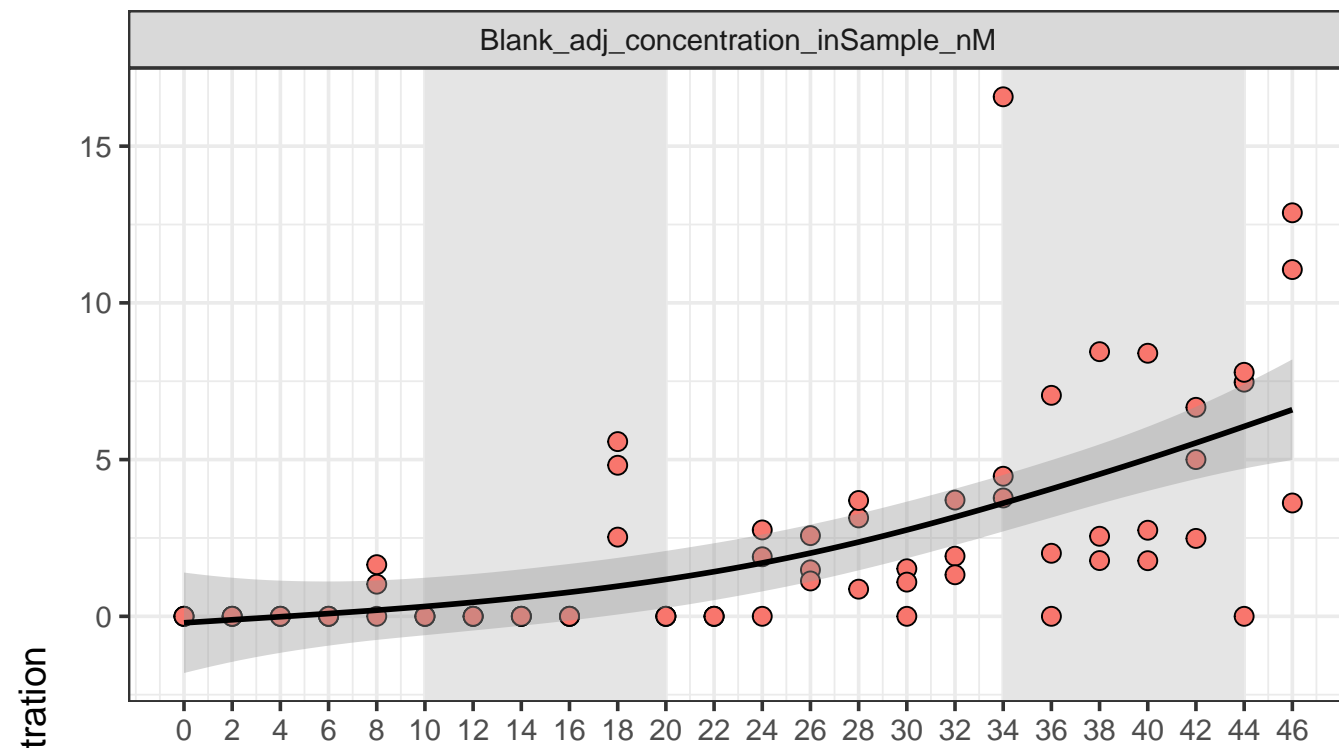
data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell



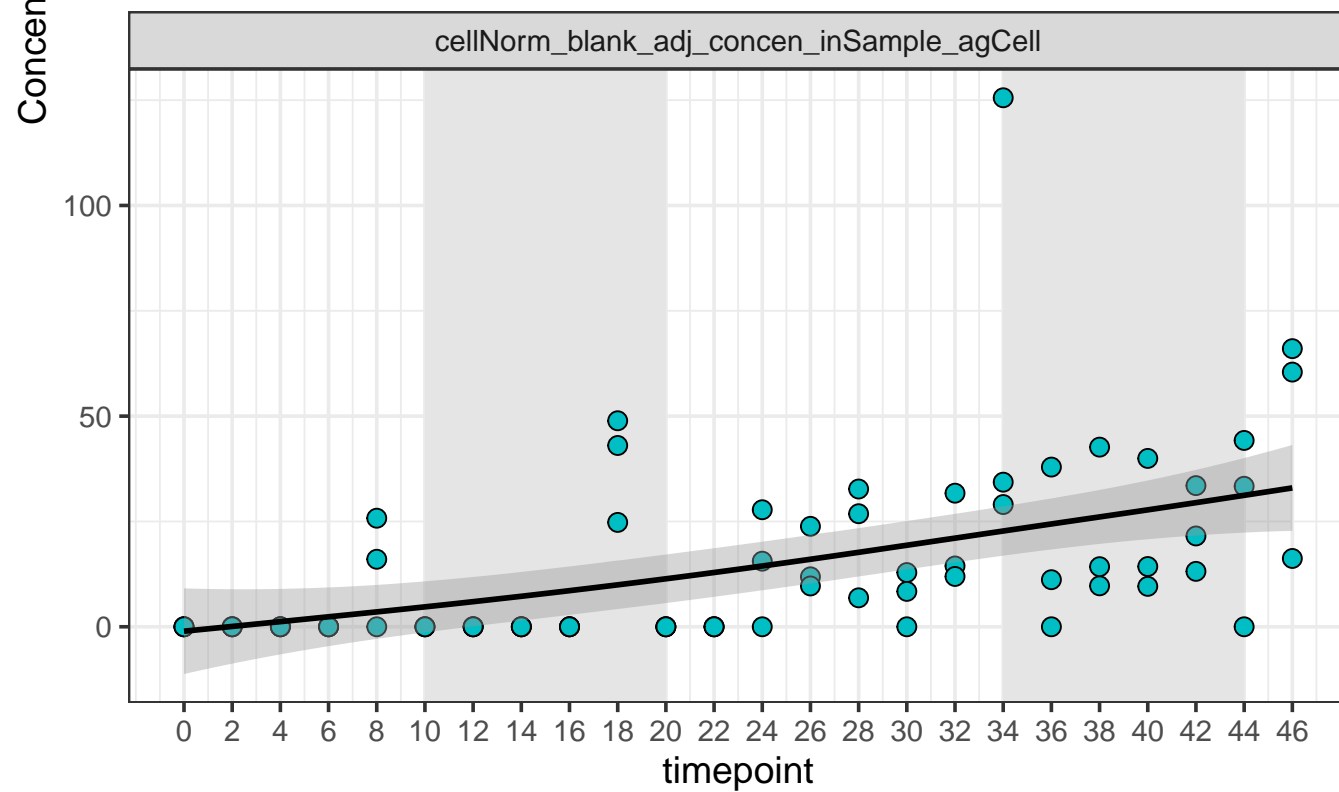
timepoint

# spermidine



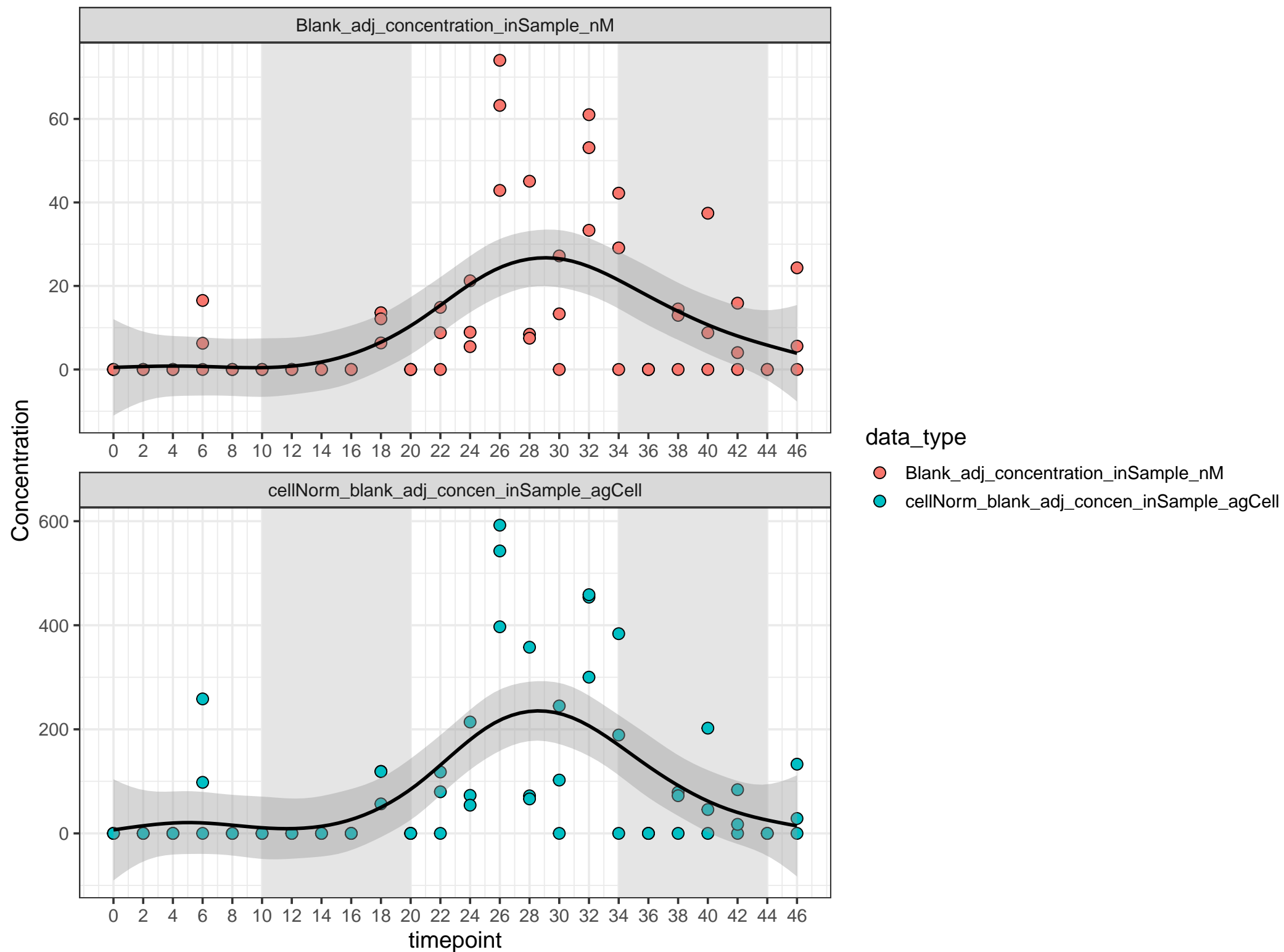
data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

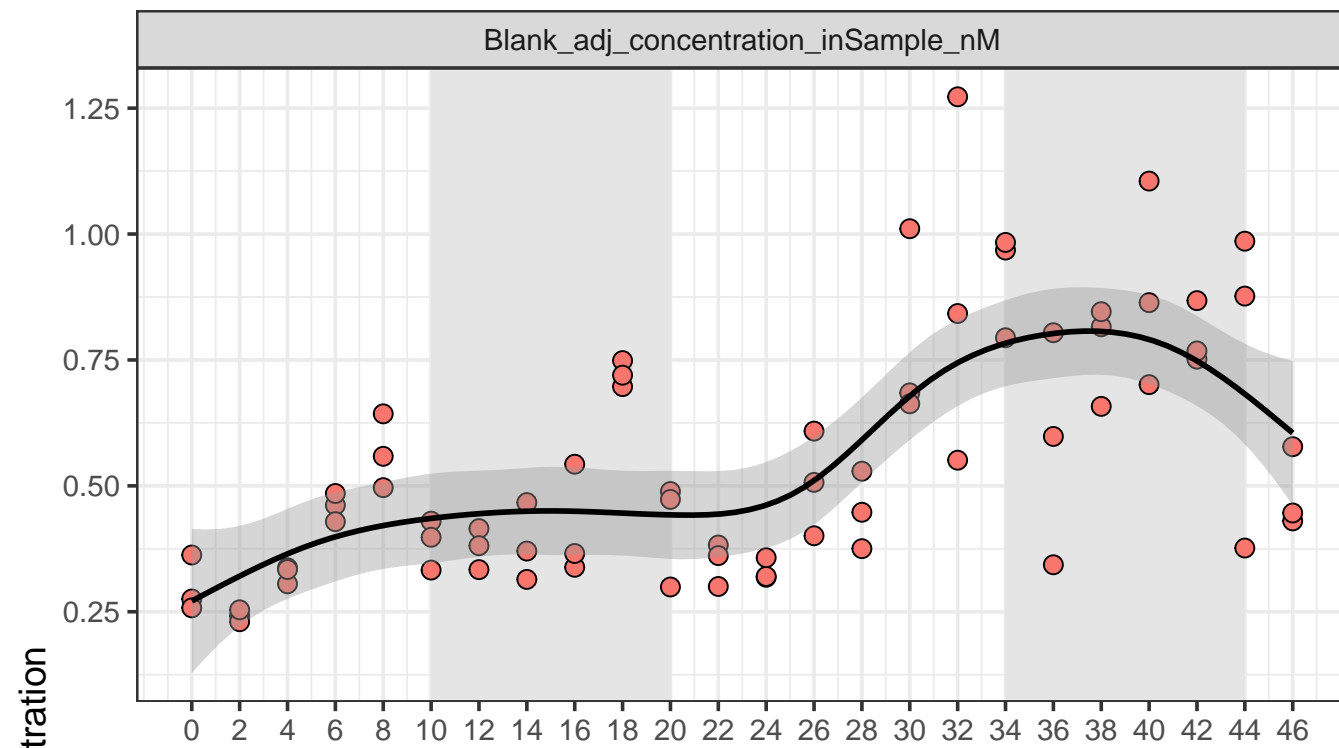




# threonine (isom. homoserine)

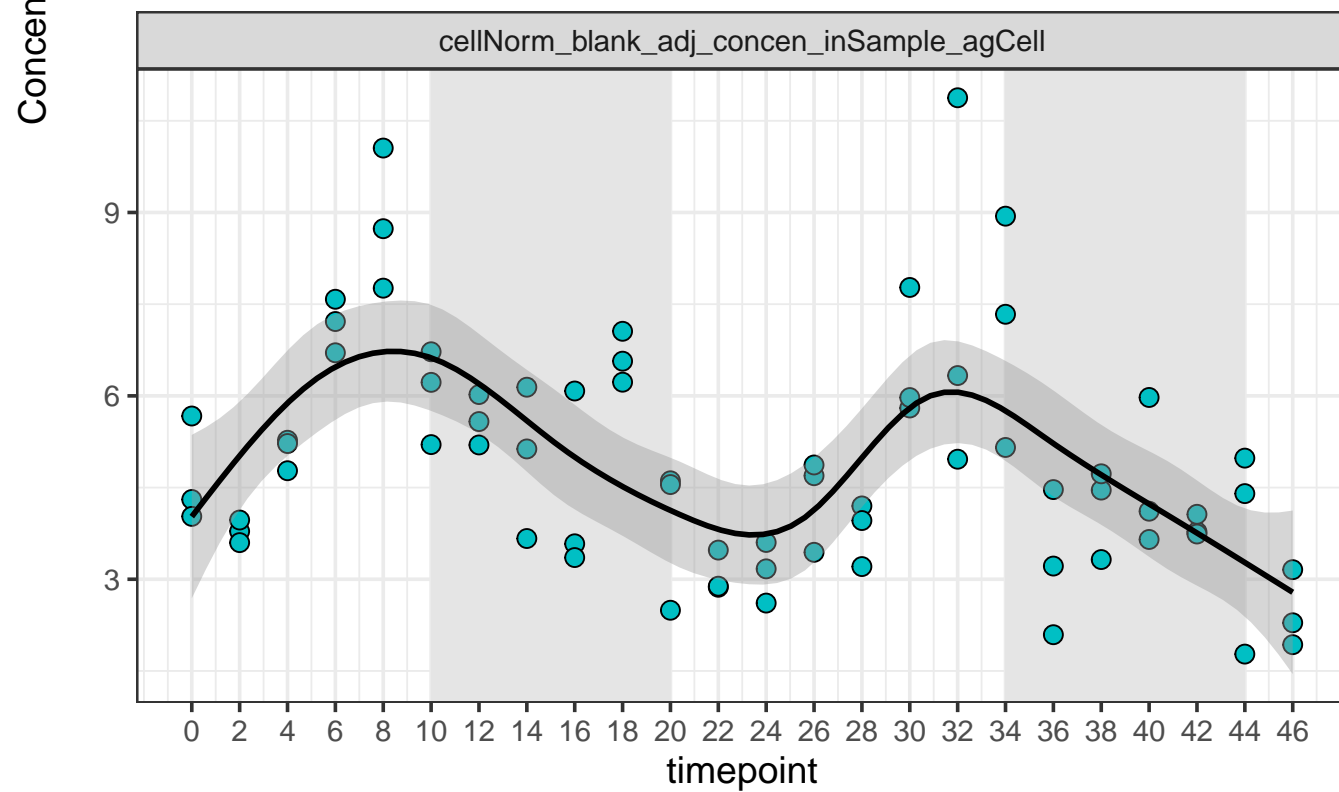


# phenylalanine

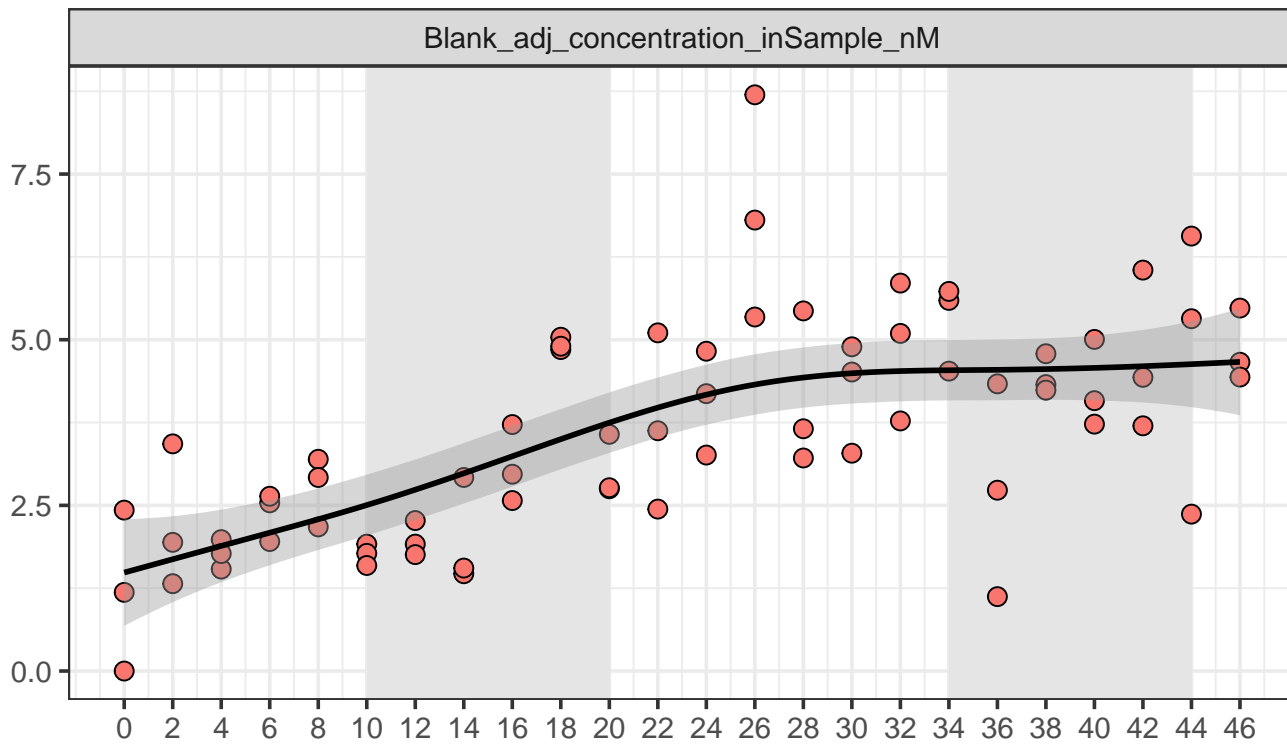


data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

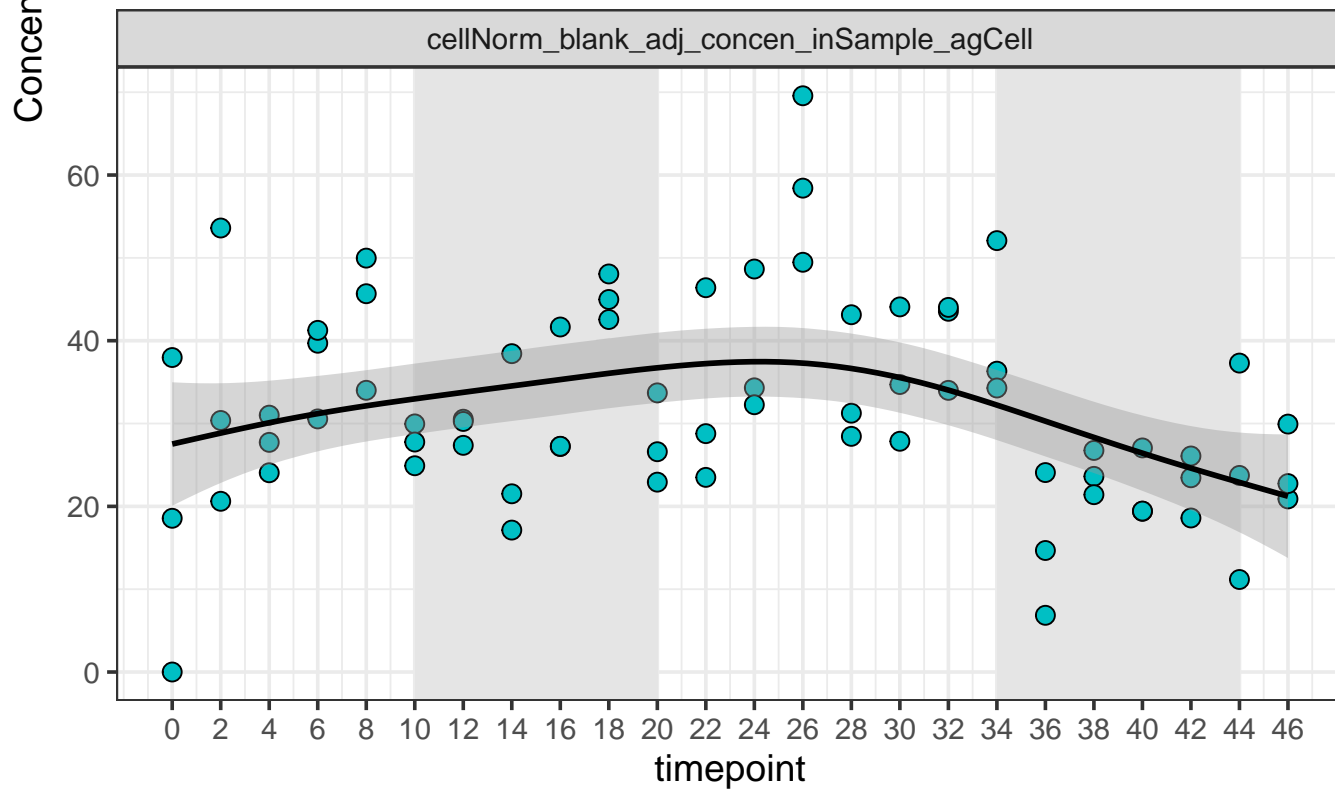


proline

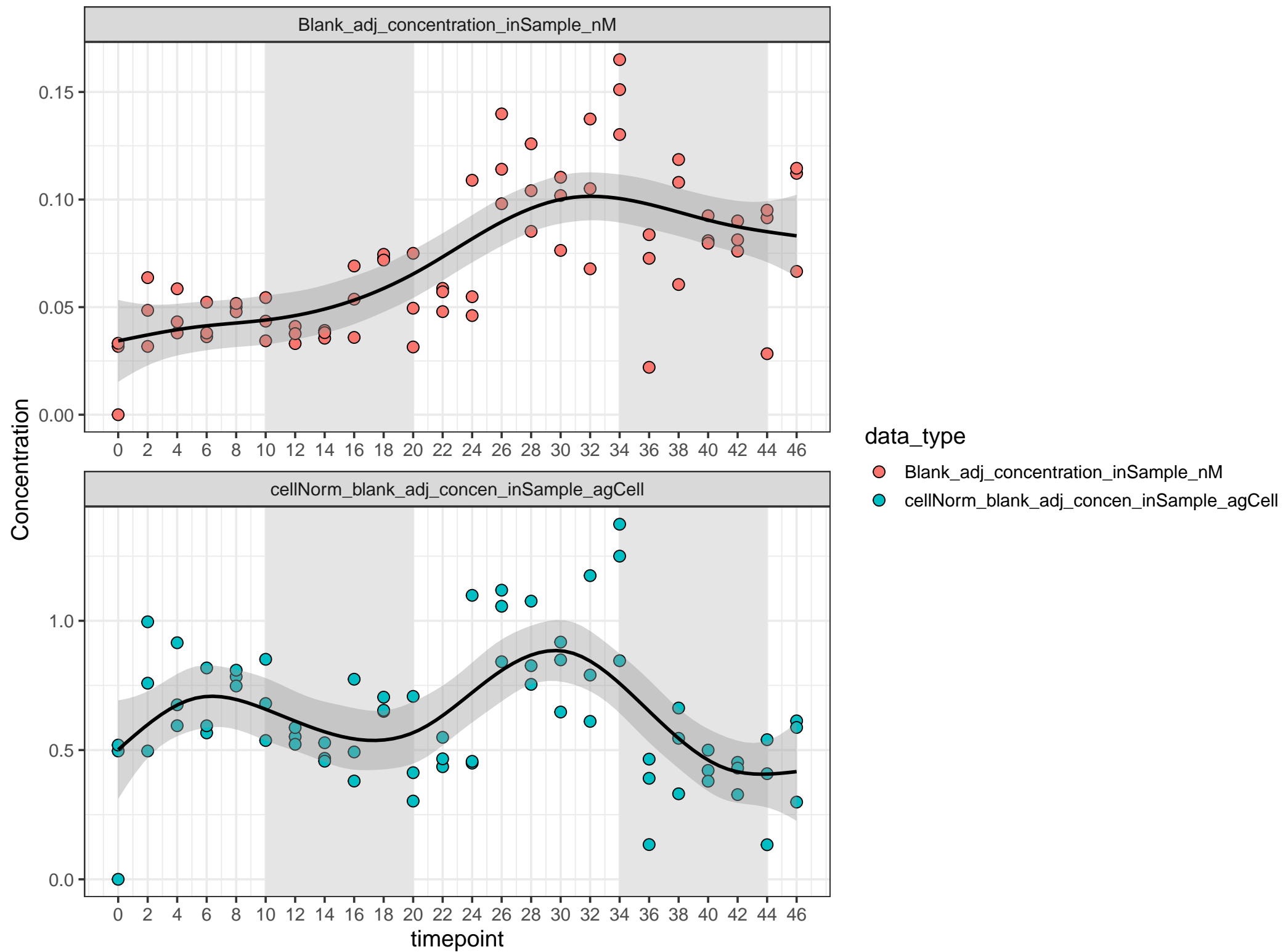


data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

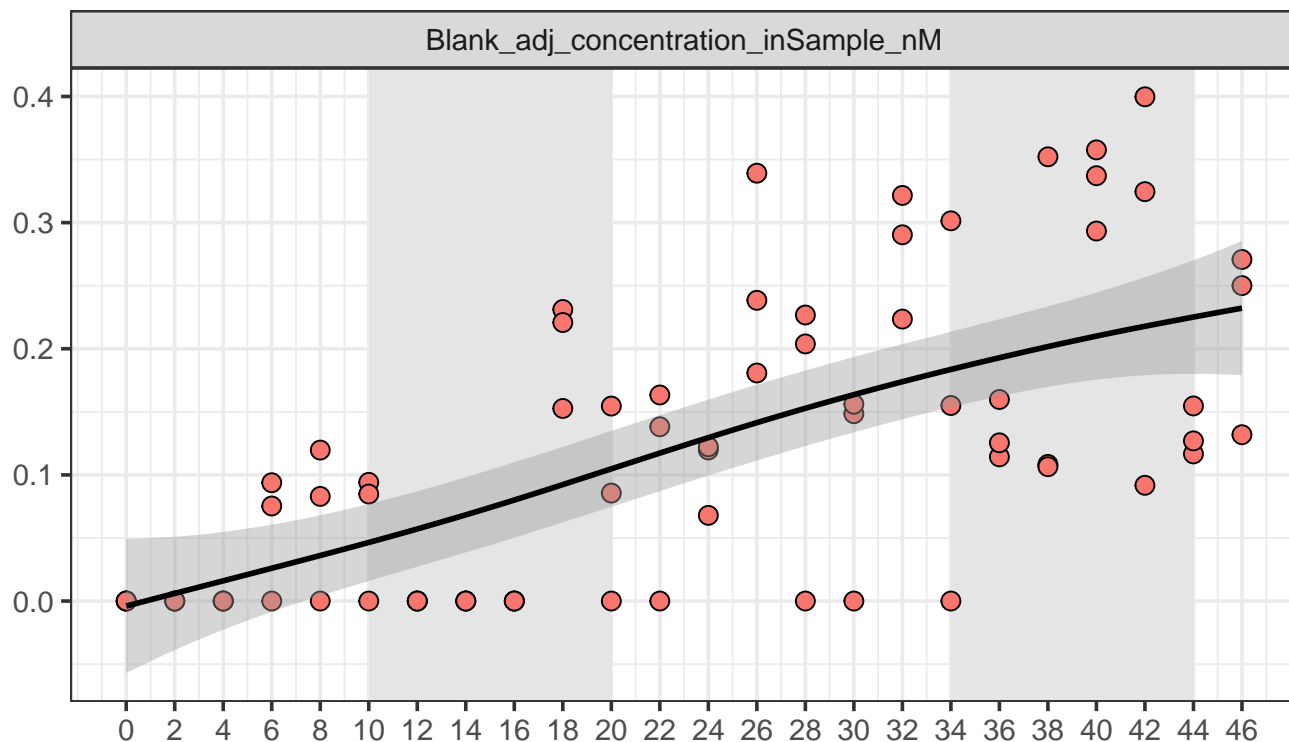


# s-(5'-adenosyl)-L-homocysteine pos



# adenine pos

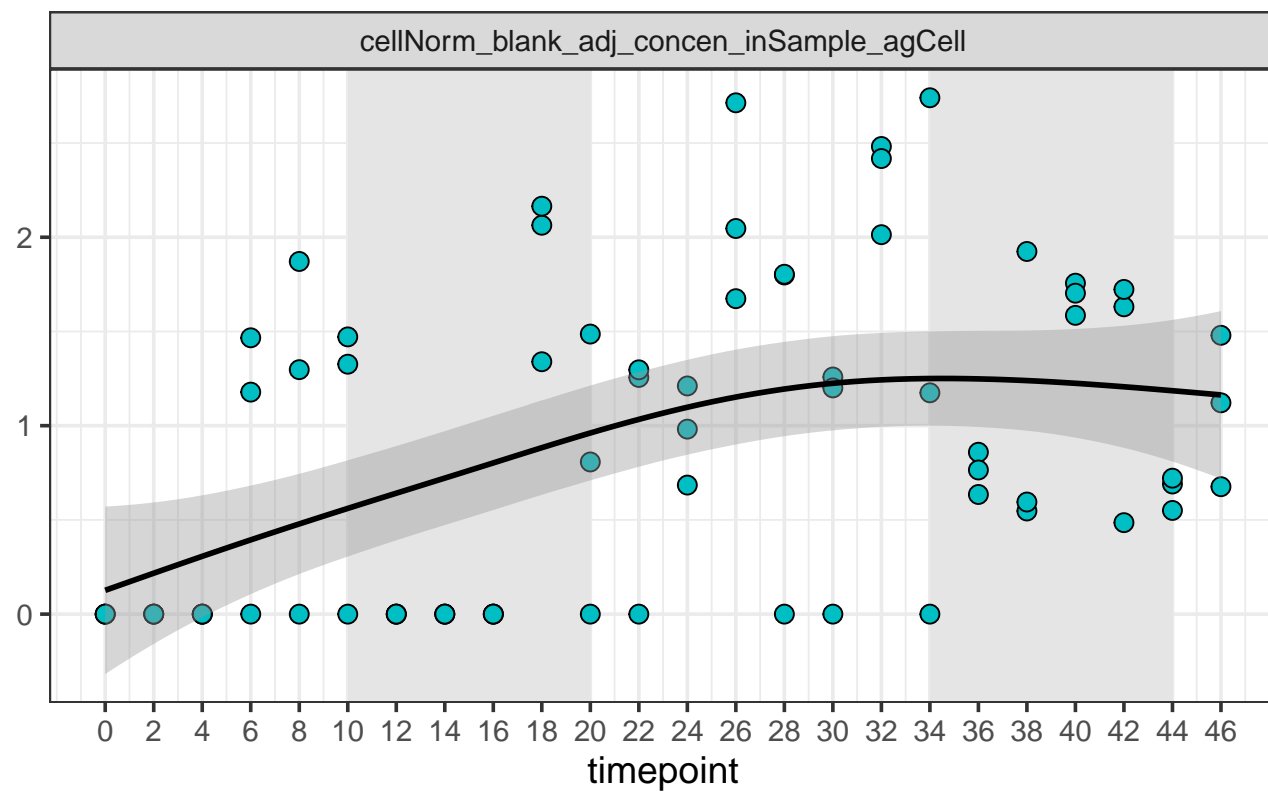
Blank\_adj\_concentration\_inSample\_nM



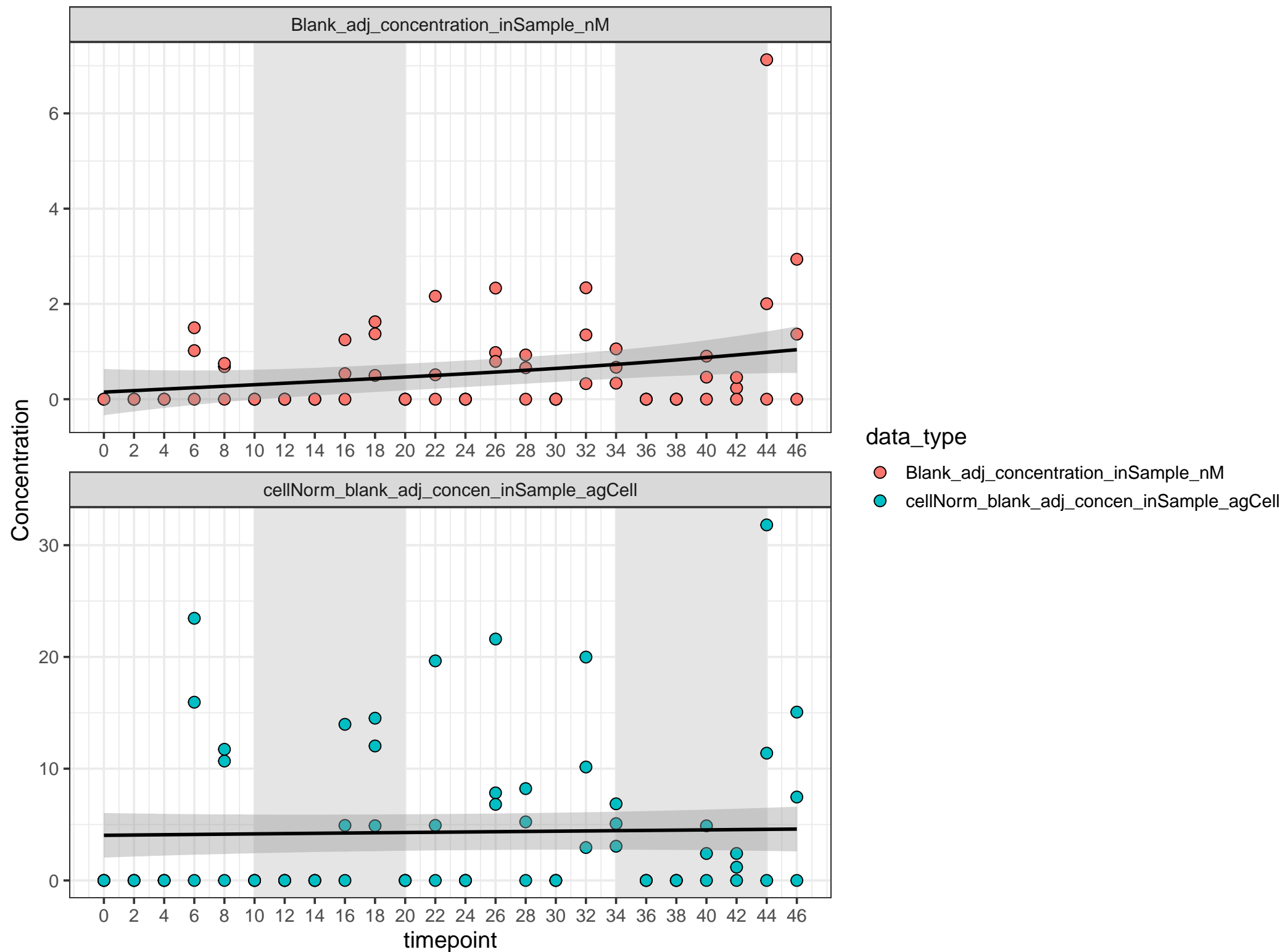
## data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

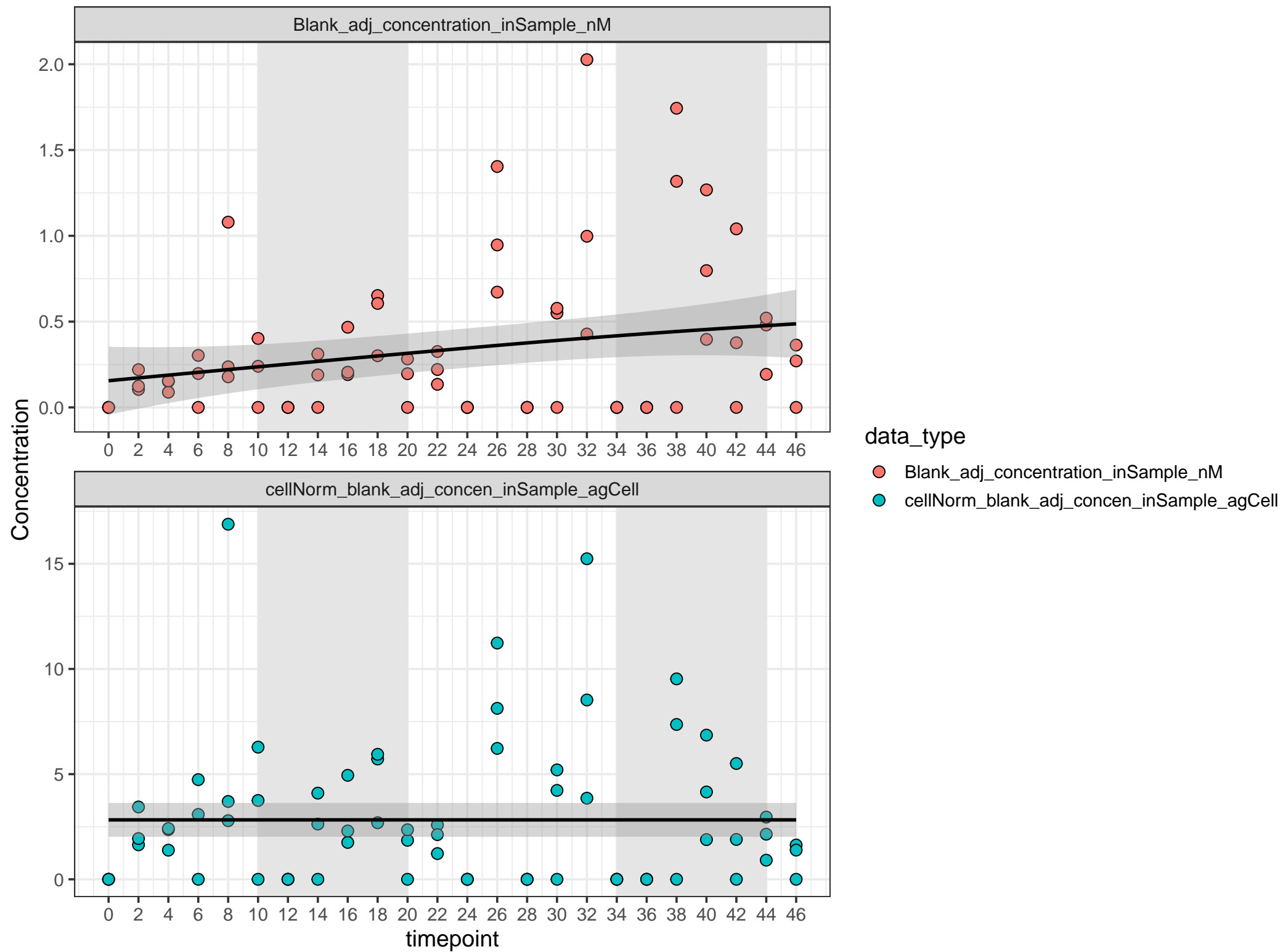
cellNorm\_blank\_adj\_concen\_inSample\_agCell



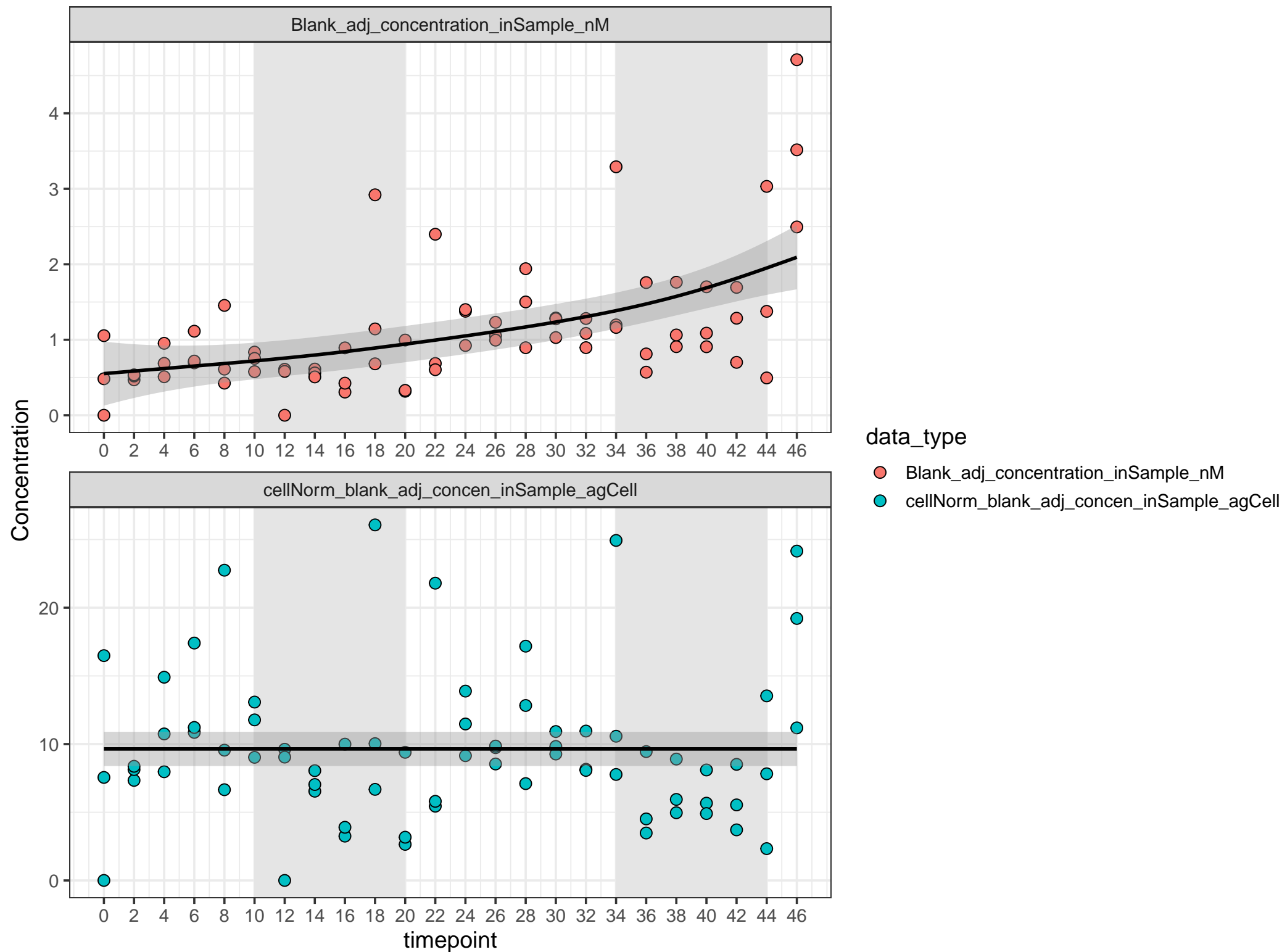
# alpha-ketoglutaric acid



# aspartic acid neg

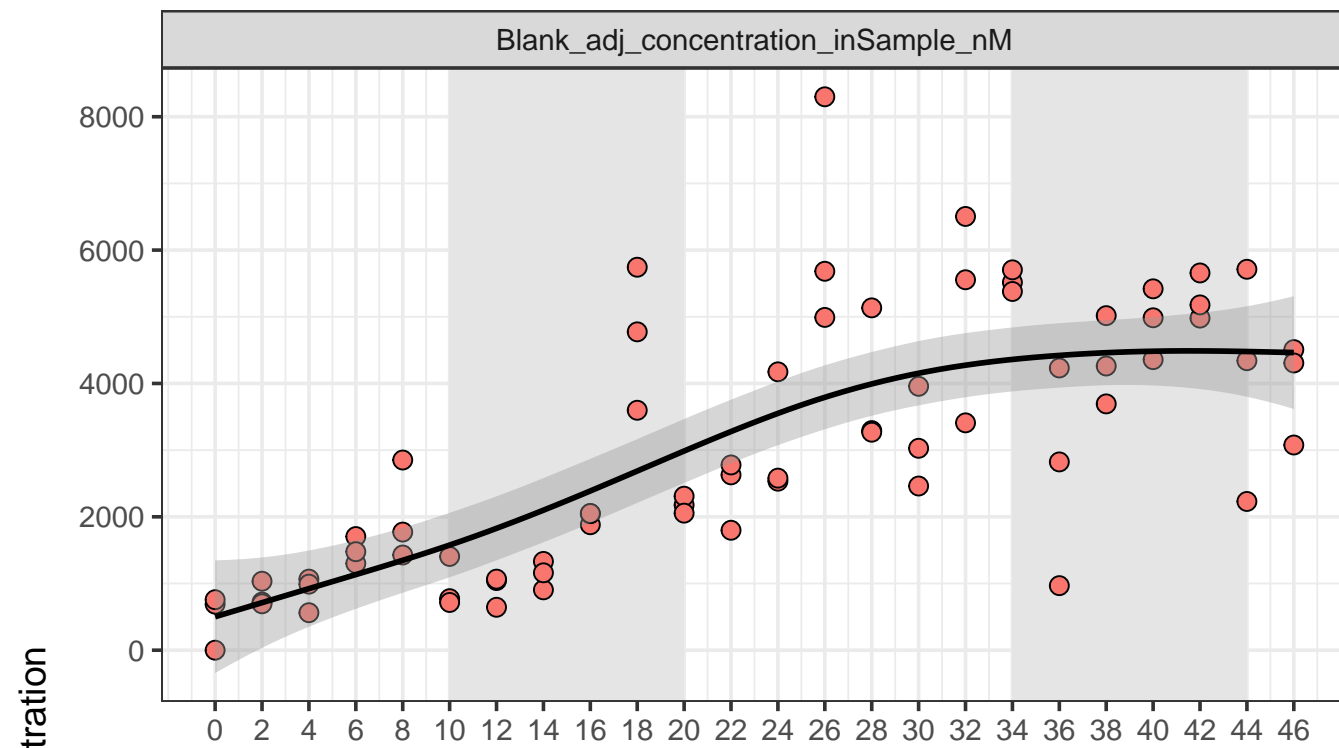


s-adenosyl-l-methionine



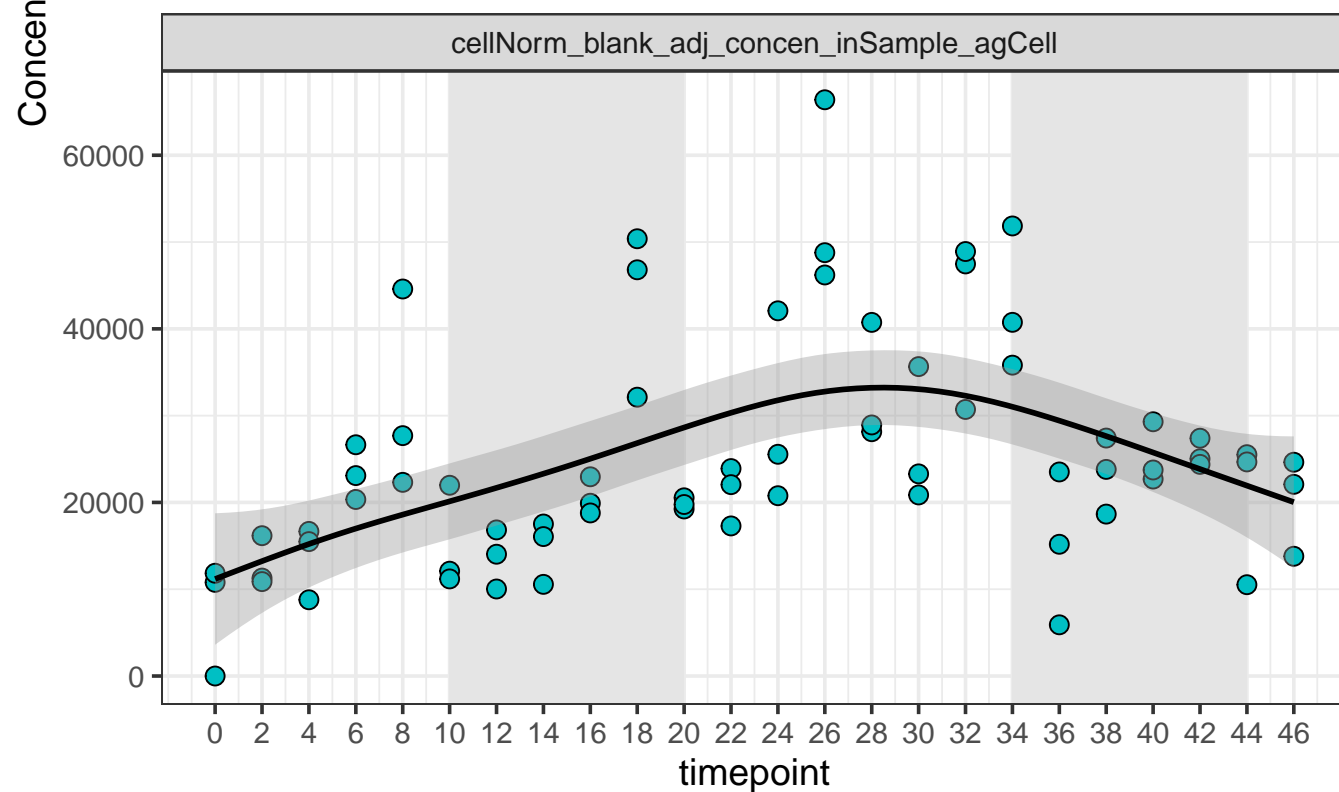


# glutamic acid neg

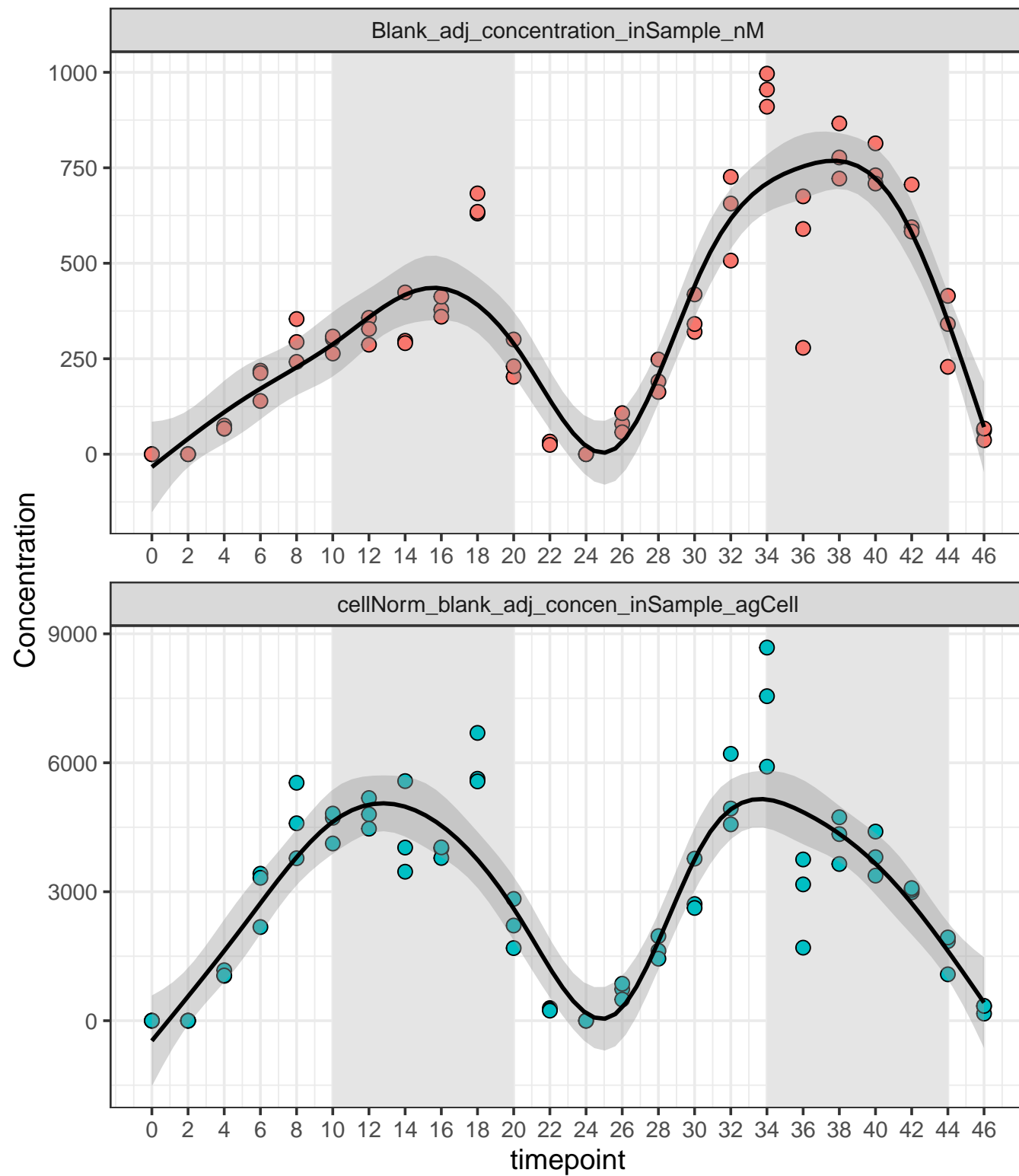


## data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell



# sucrose387 neg

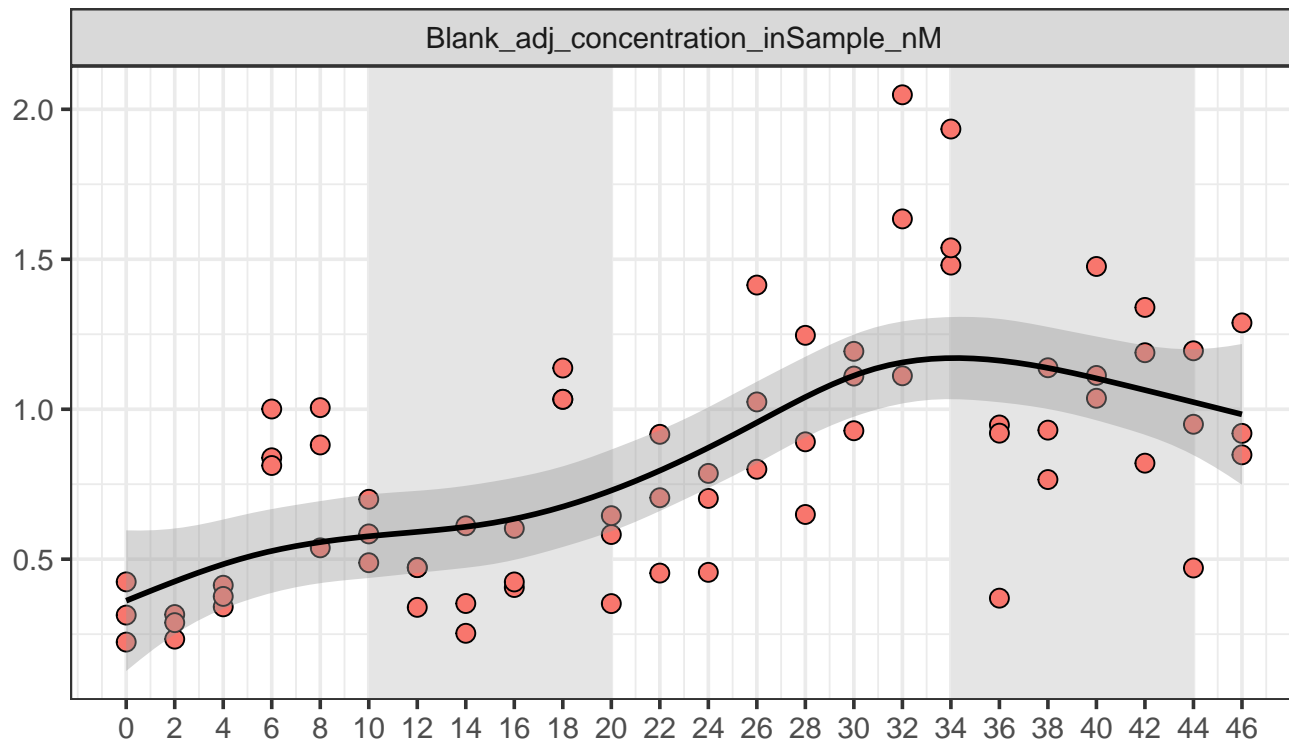


data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

# tyrosine

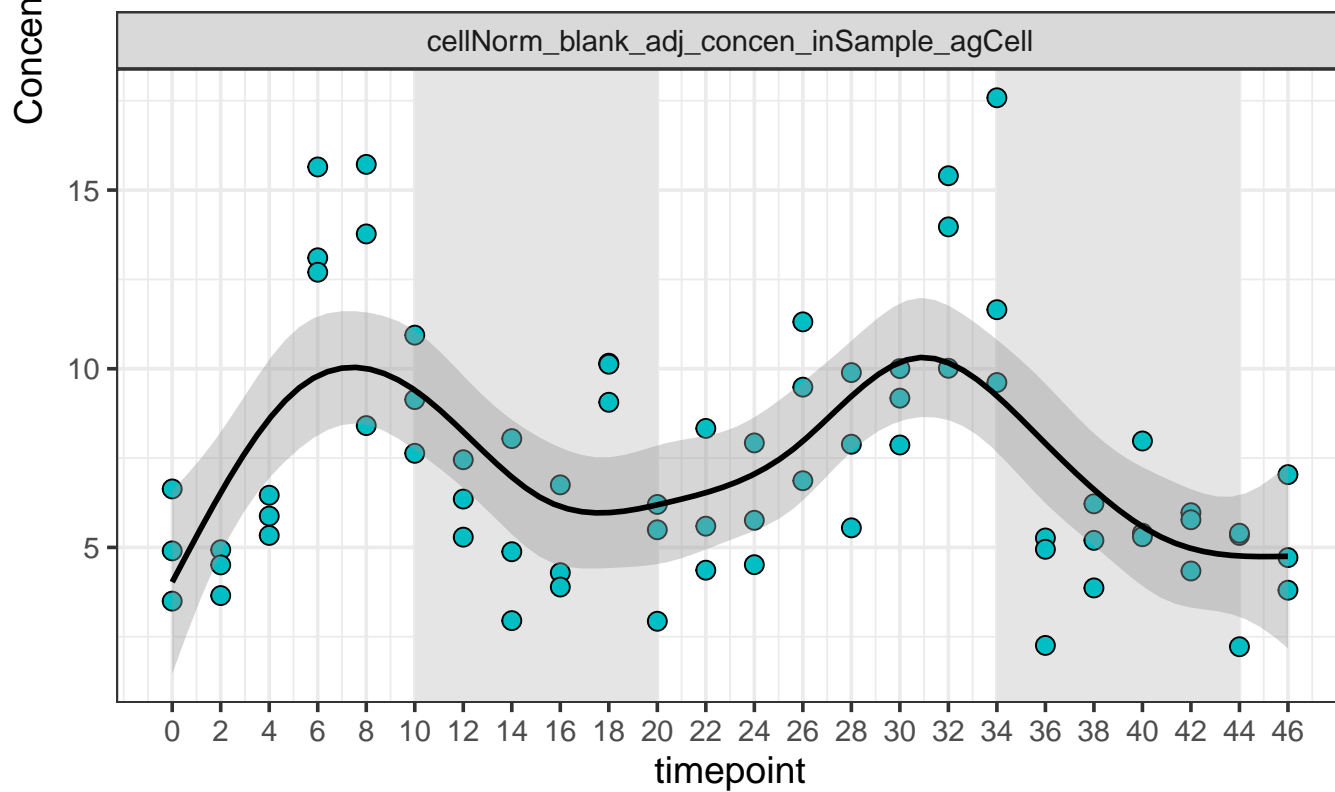
Blank\_adj\_concentration\_inSample\_nM



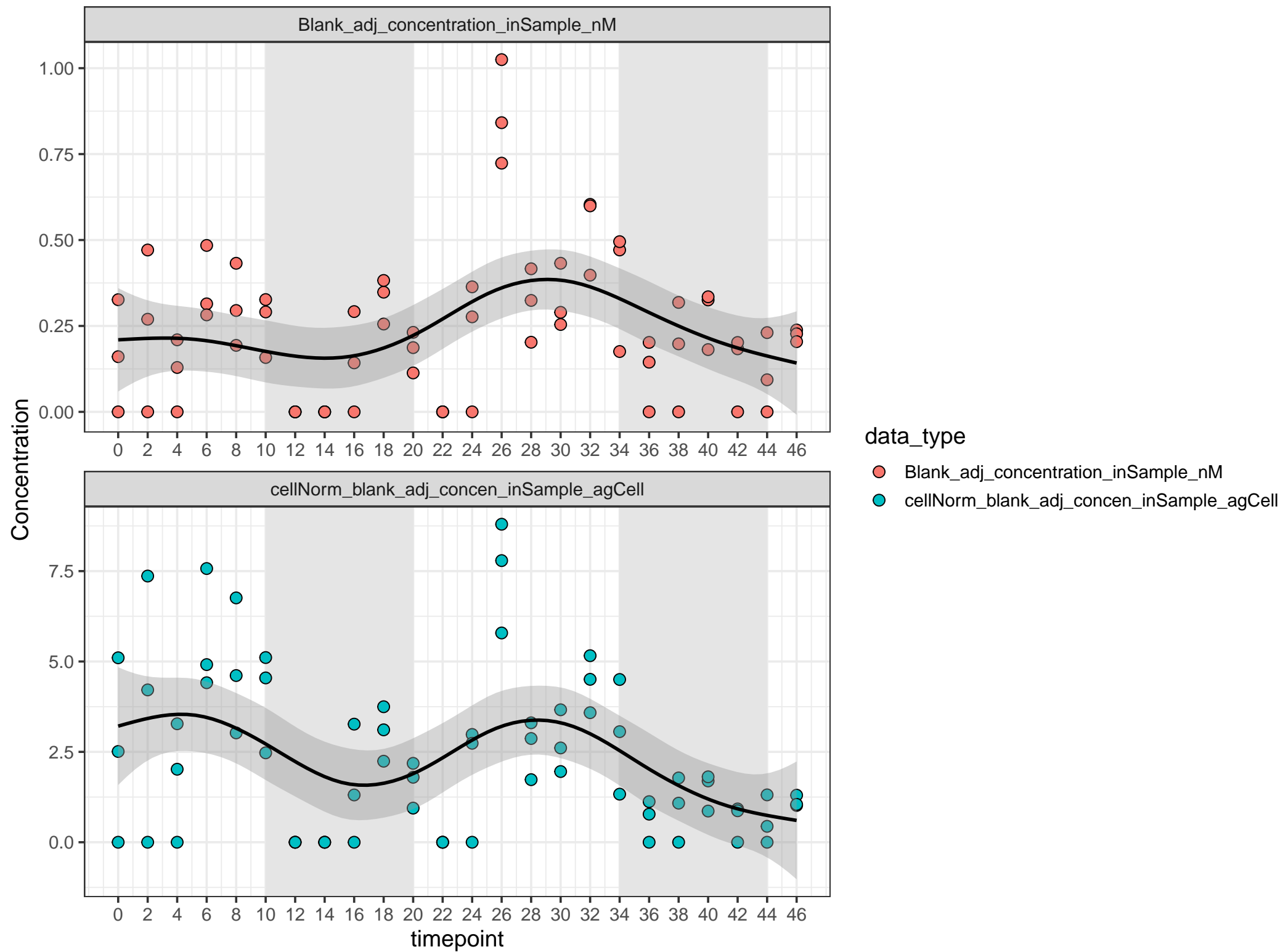
data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

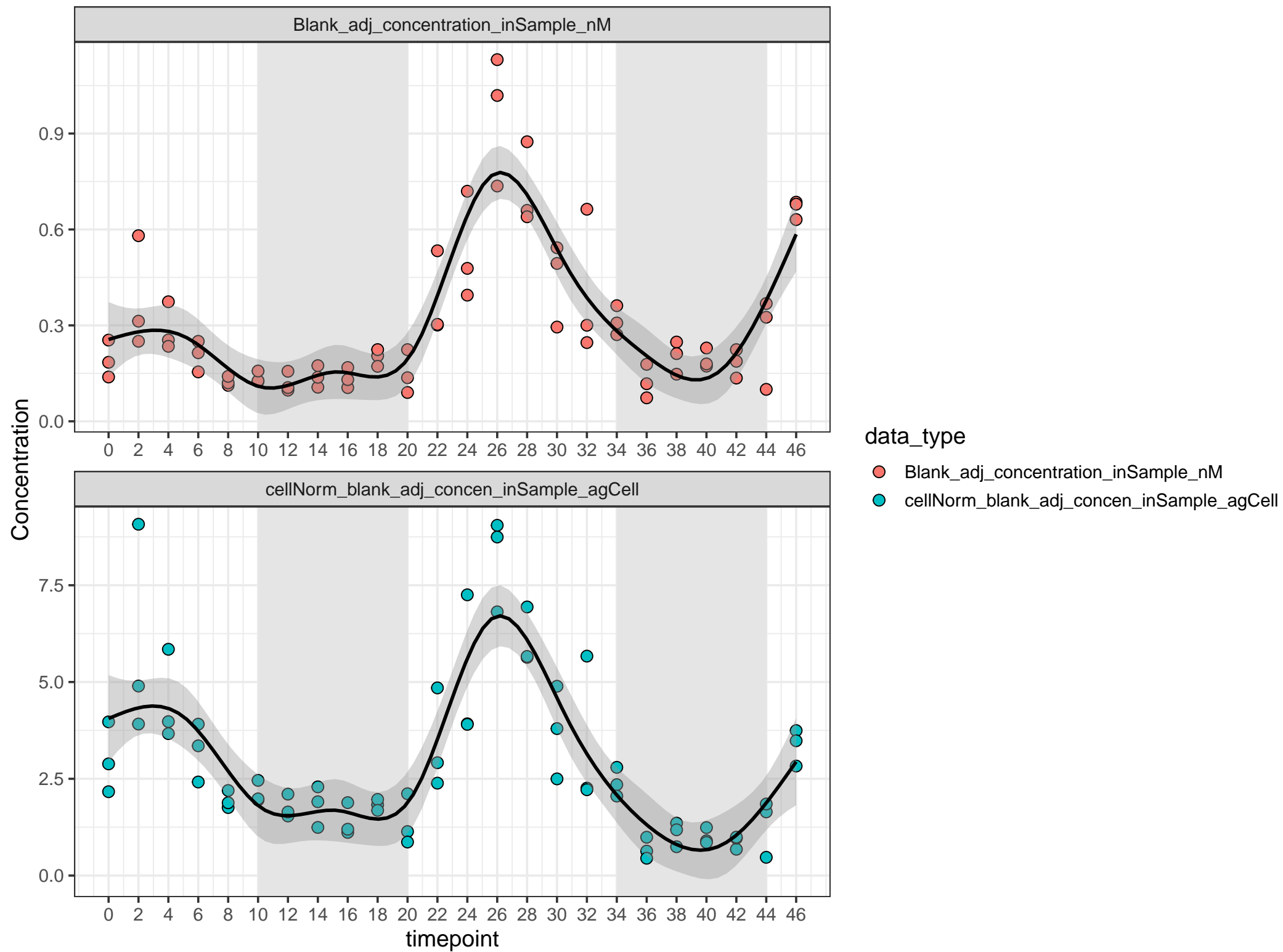
cellNorm\_blank\_adj\_concen\_inSample\_agCell



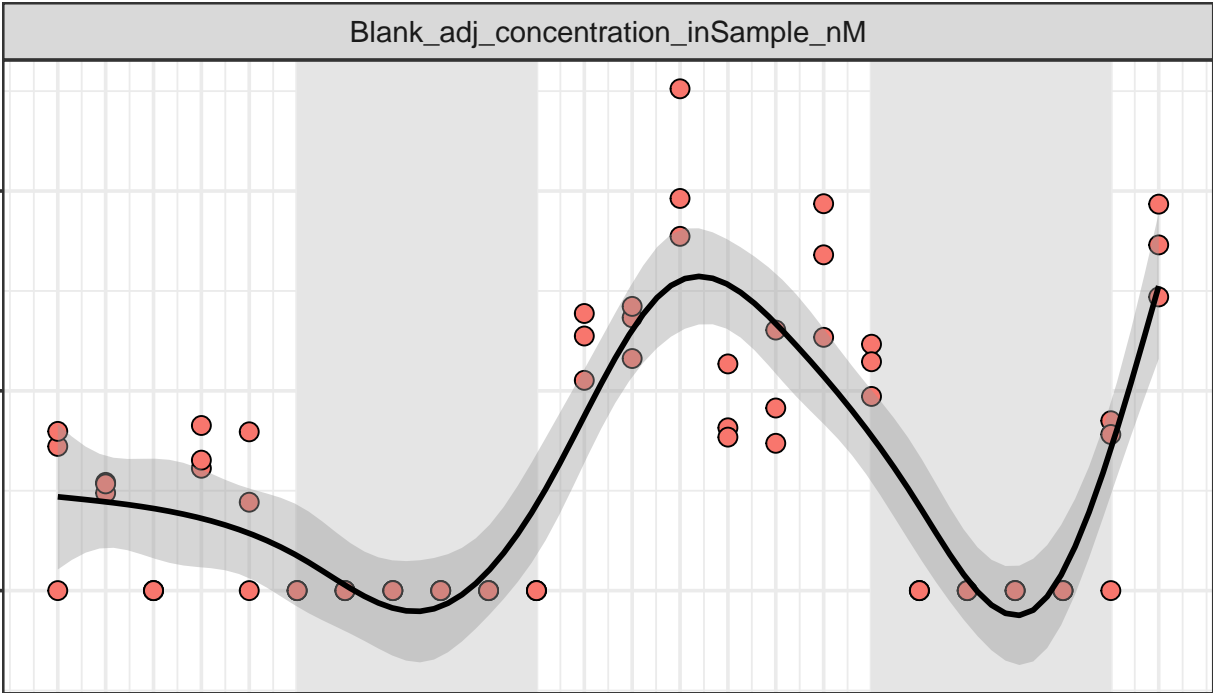
# UDP-glucose



# uridine 5-monophosphate pos

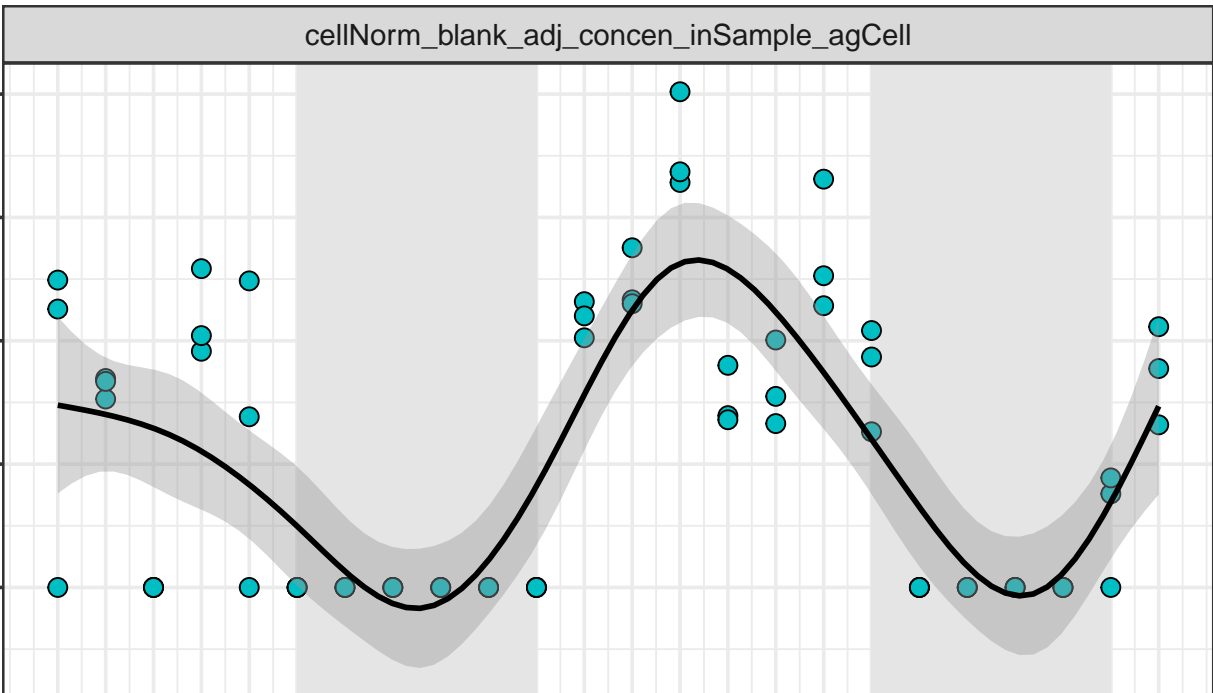


xanthosine neg



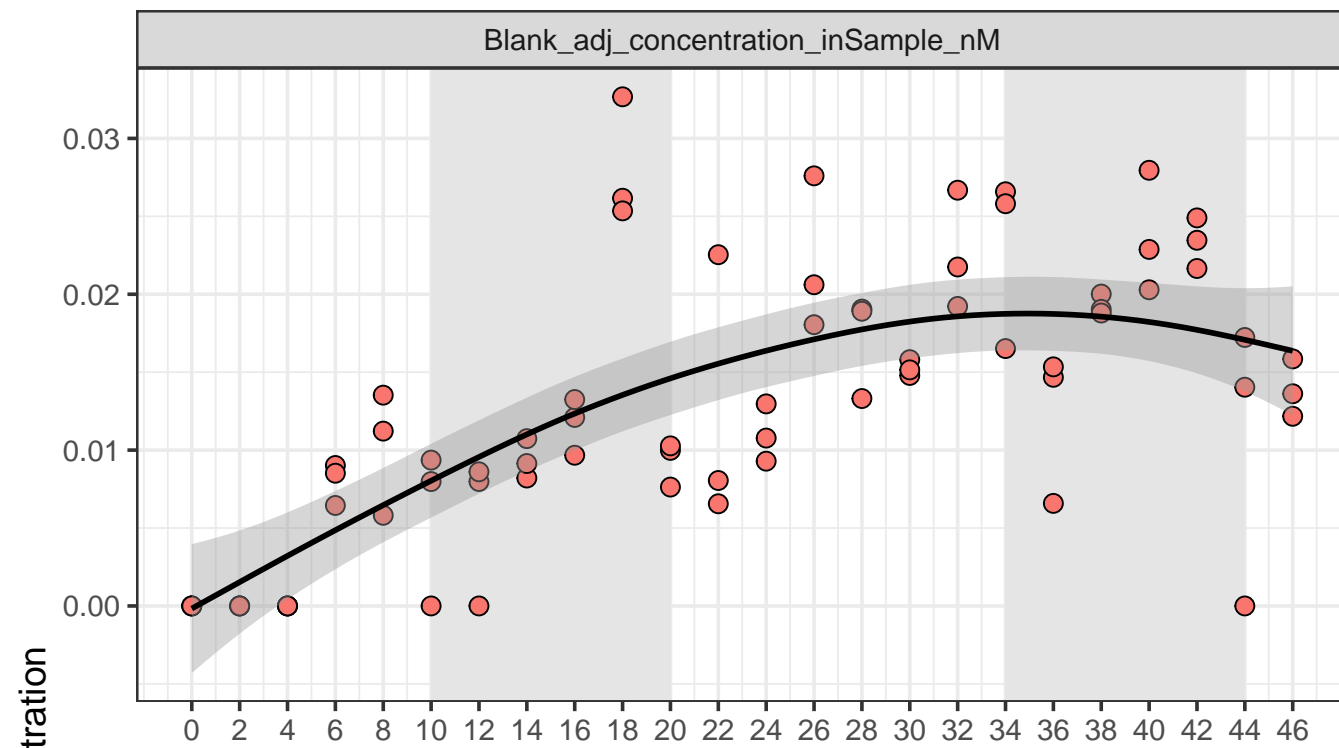
data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell



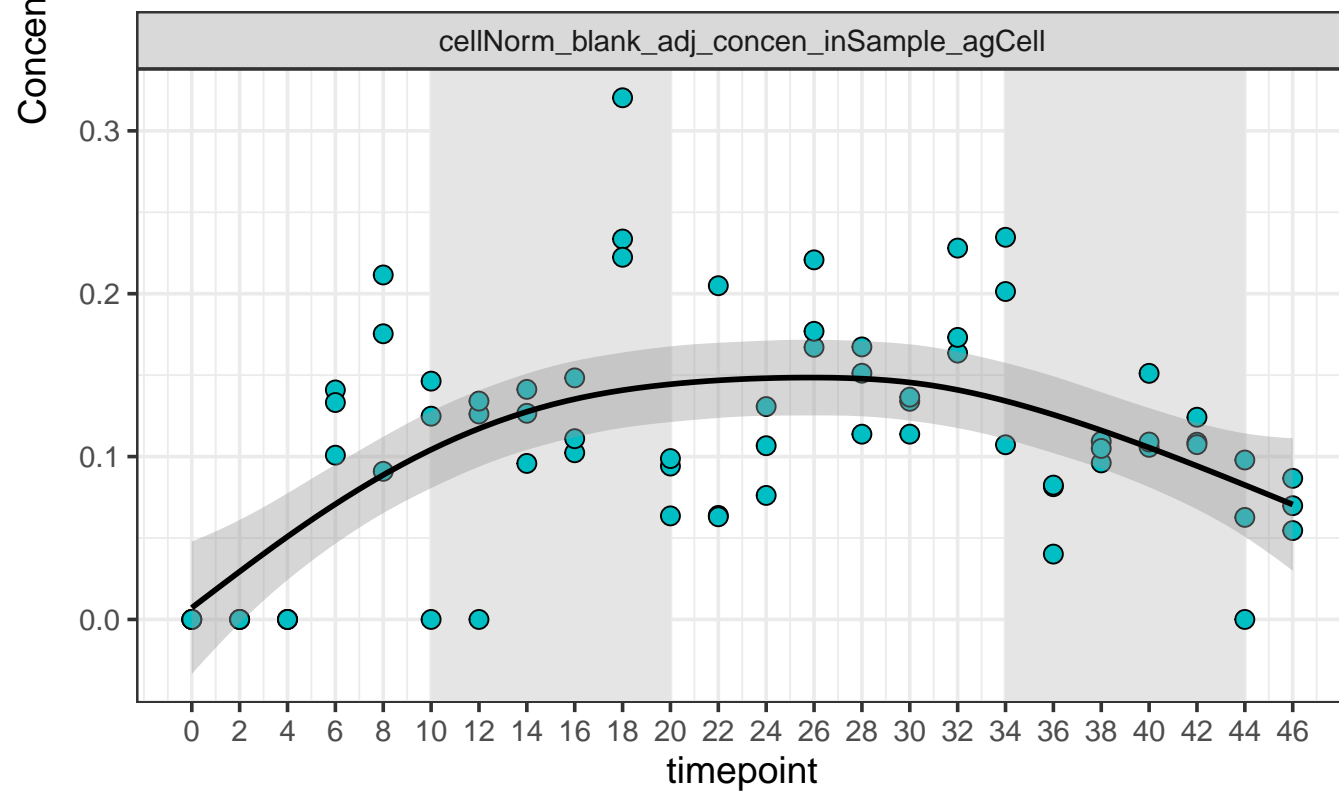
timepoint

# pantothenic acid neg

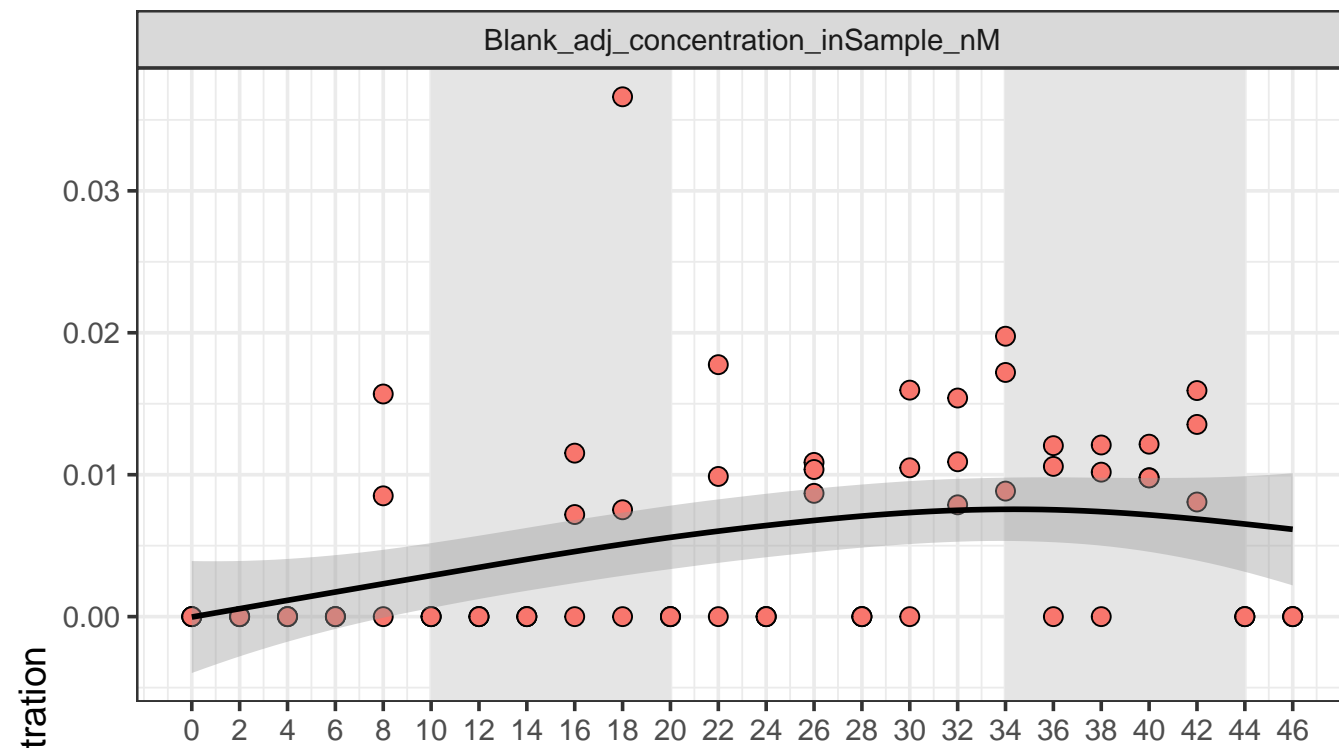


data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

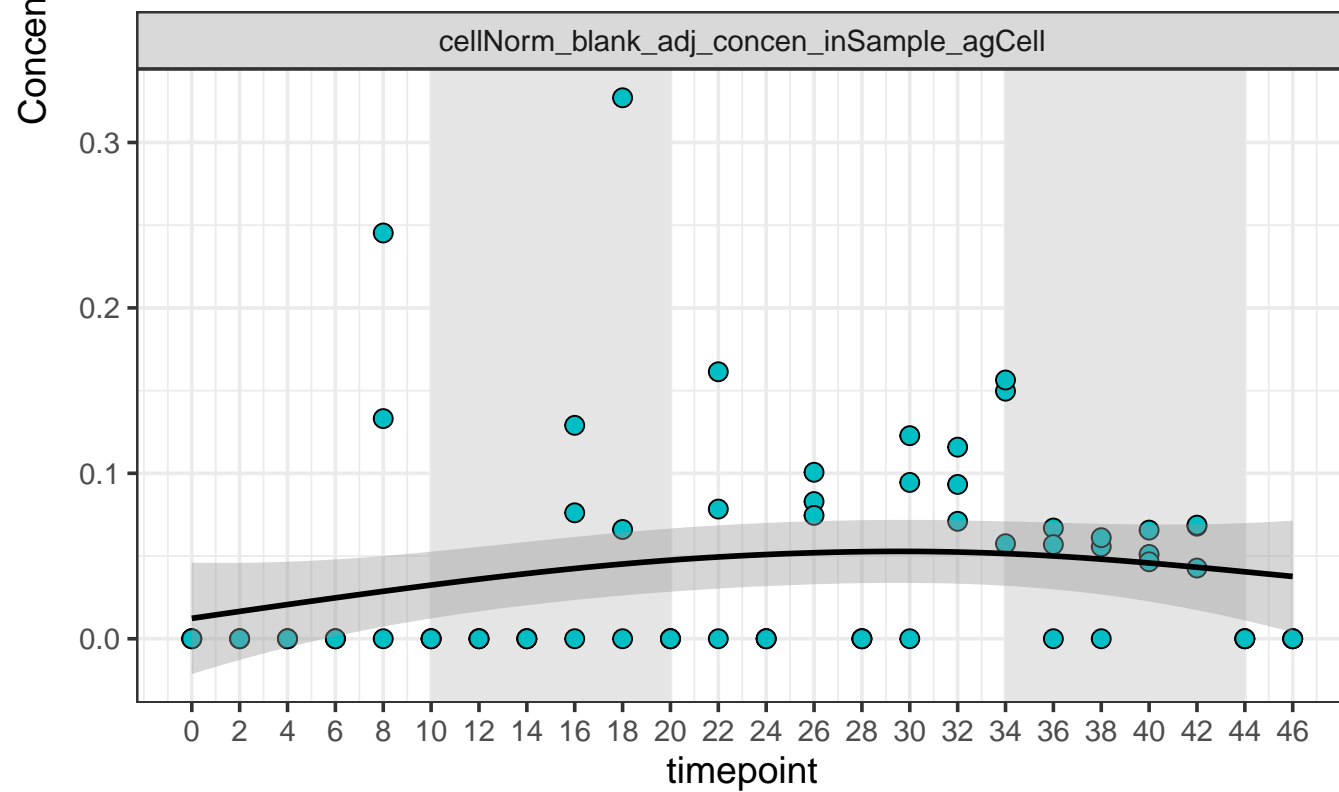


# kynurenine



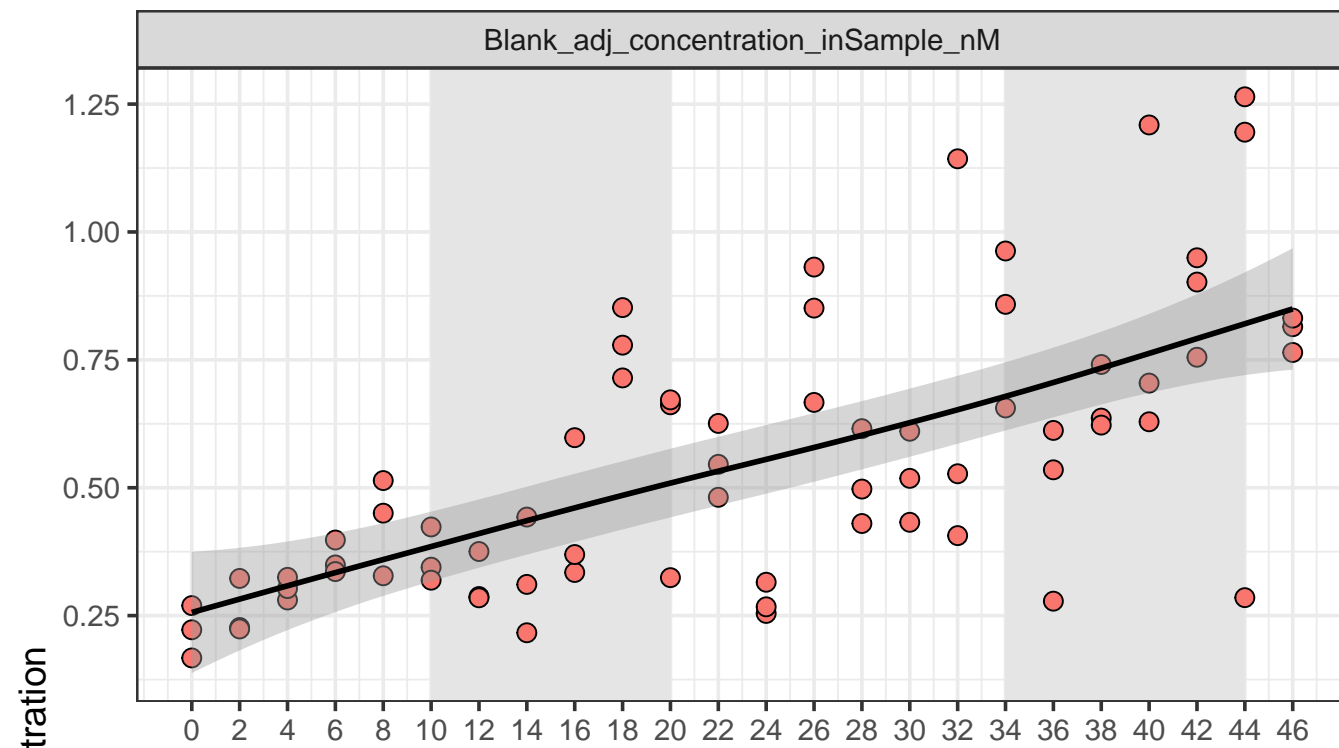
data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell



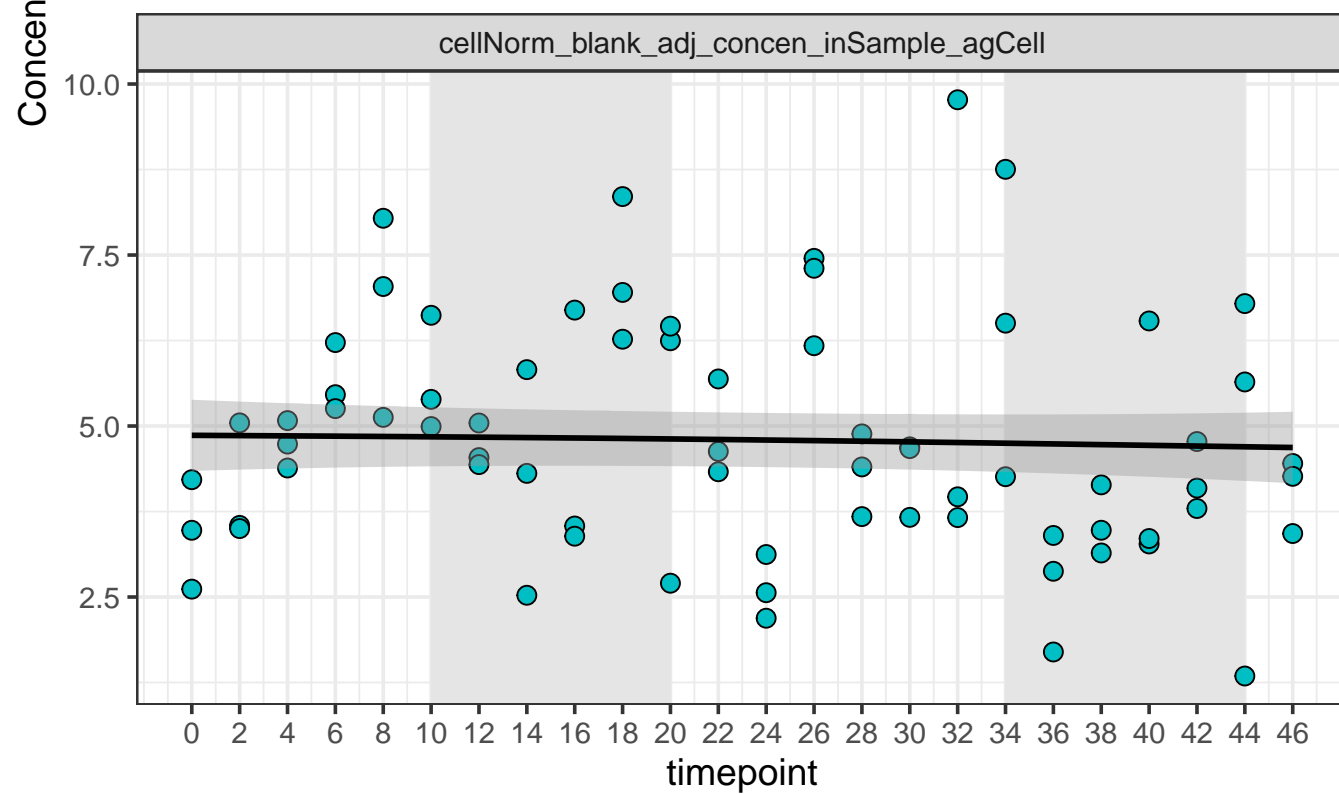


# leucine

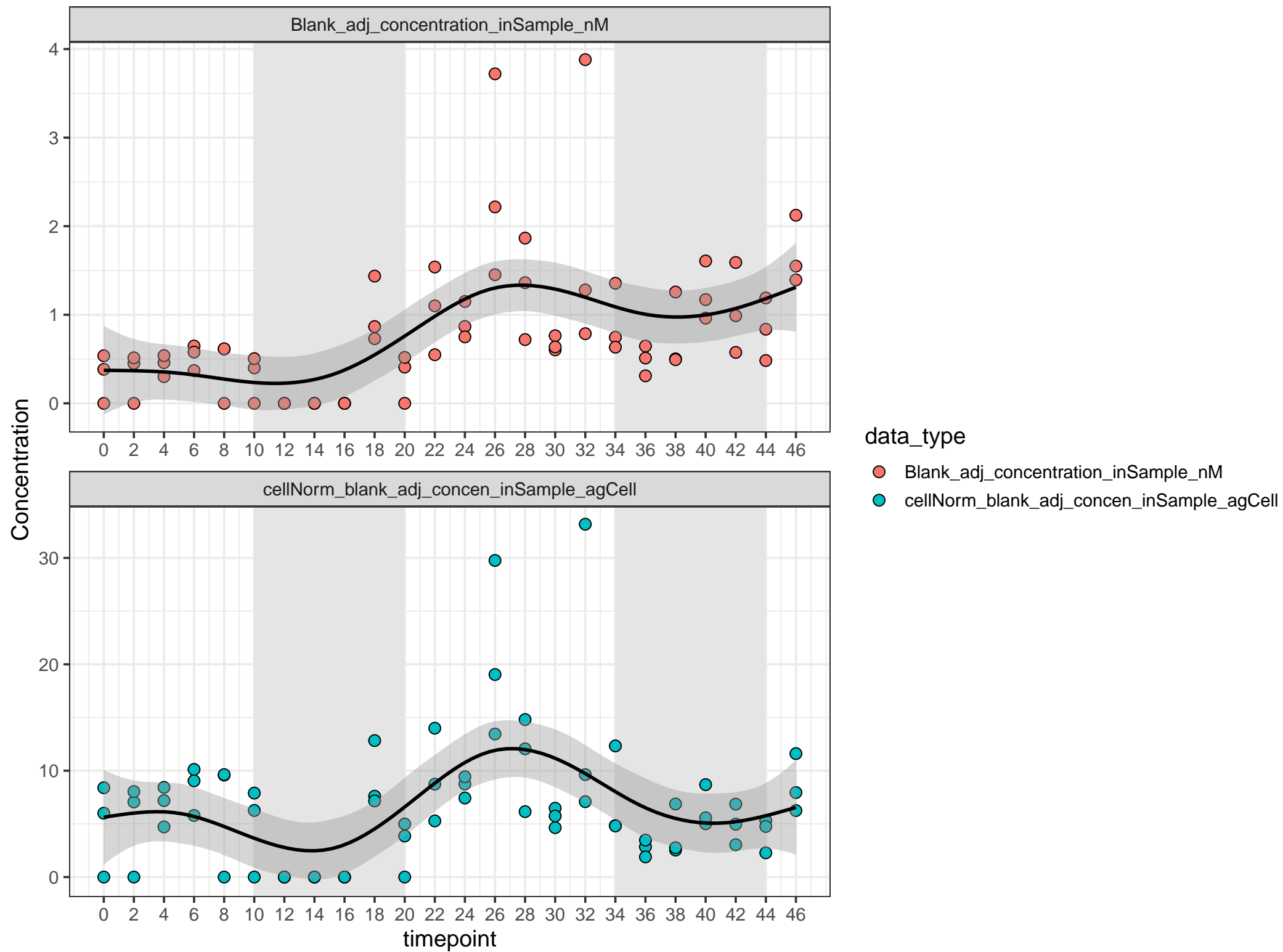


## data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

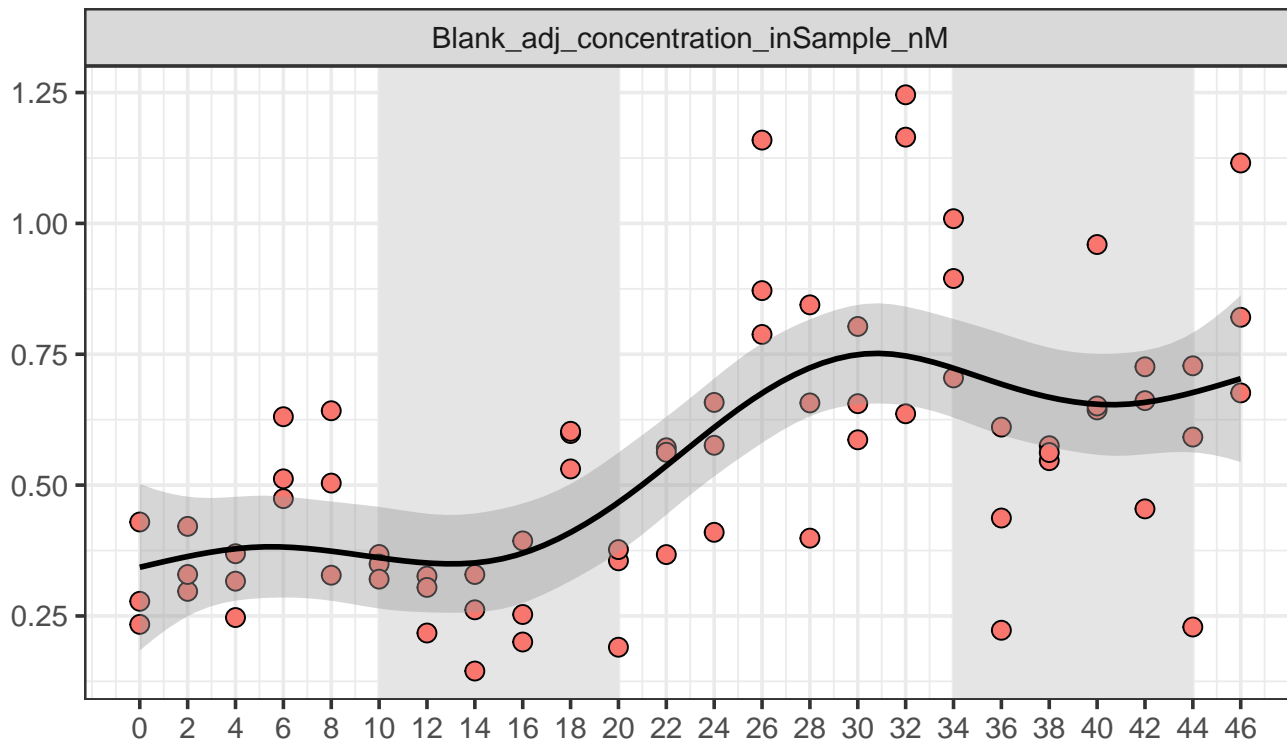


# inosine 5-monophosphate pos

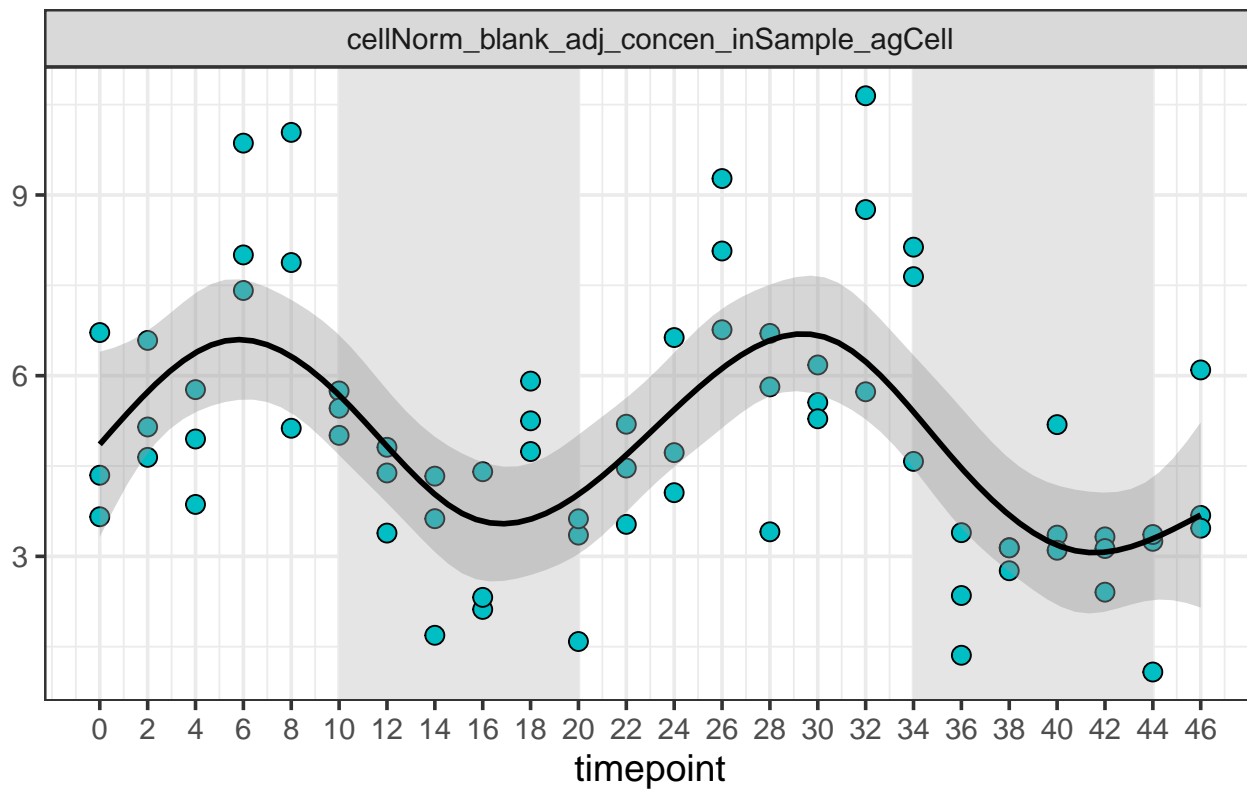


# isoleucine

Blank\_adj\_concentration\_inSample\_nM



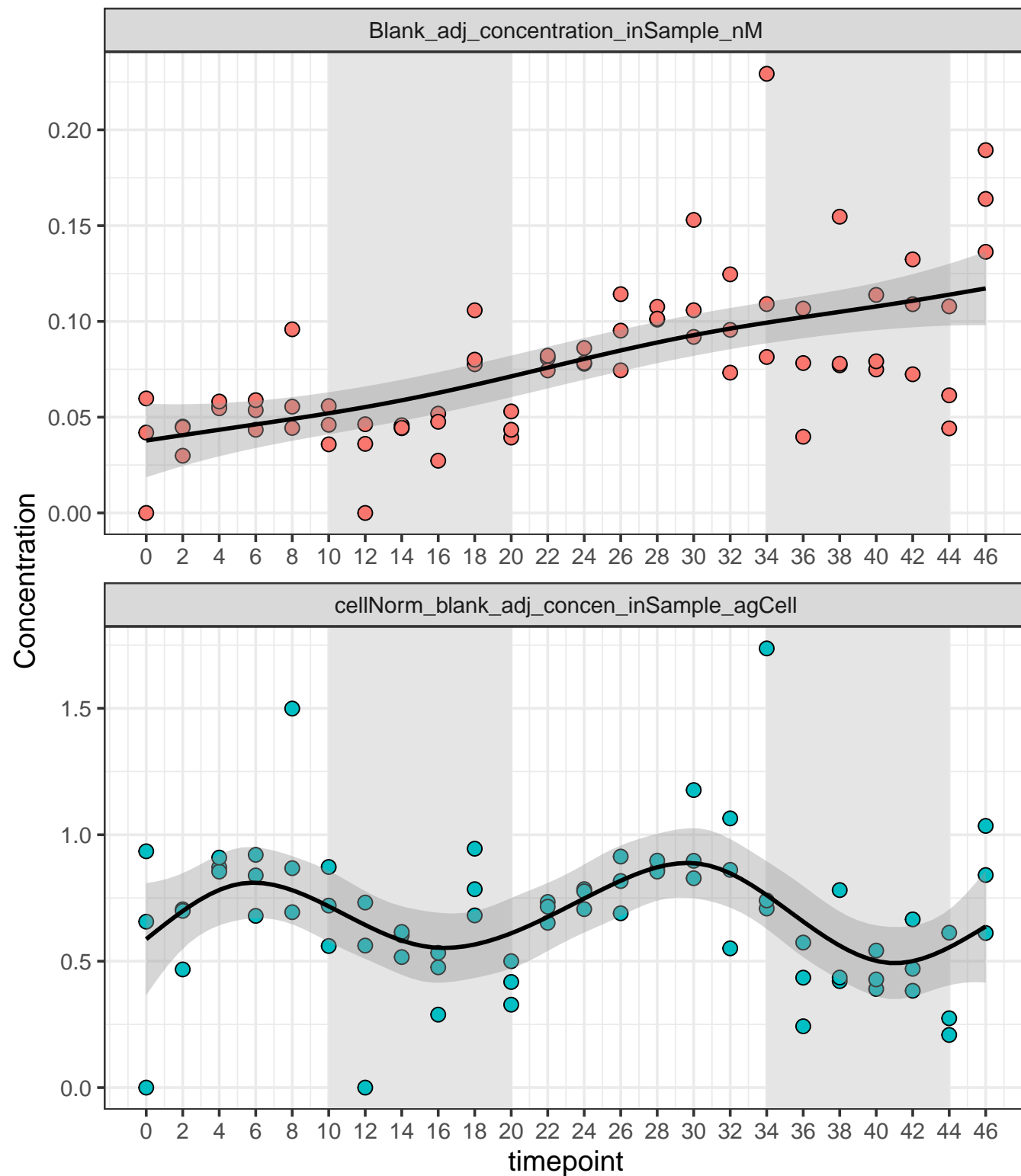
cellNorm\_blank\_adj\_concen\_inSample\_agCell



data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

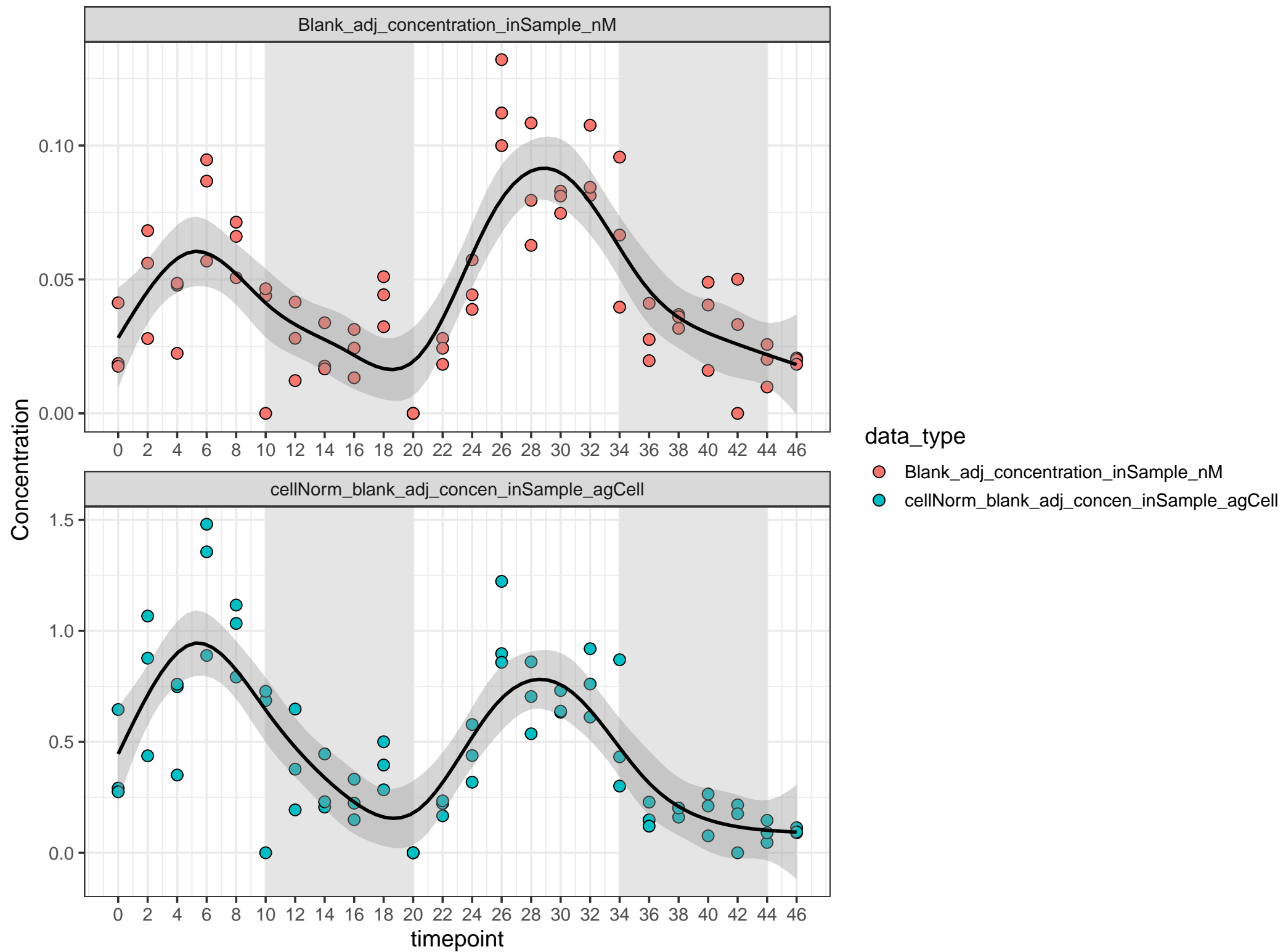
# MTA



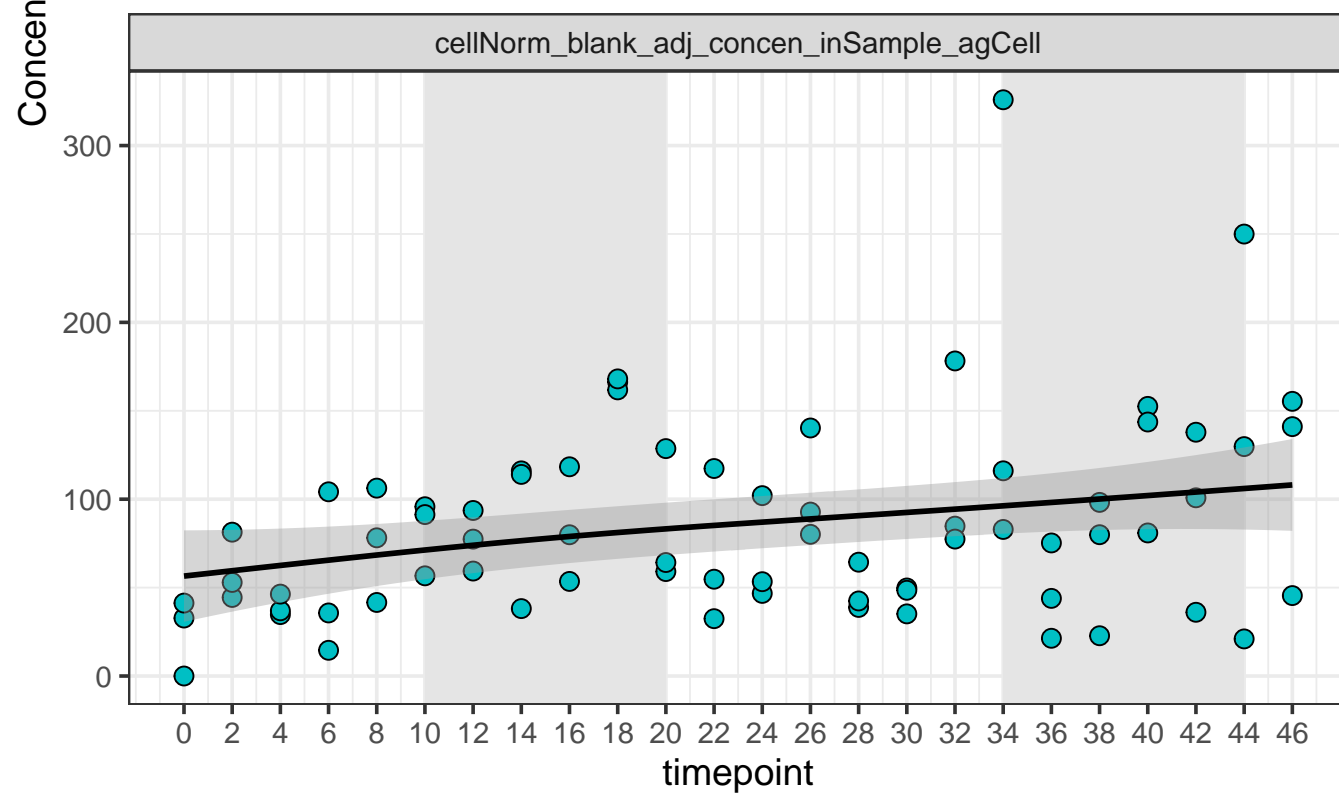
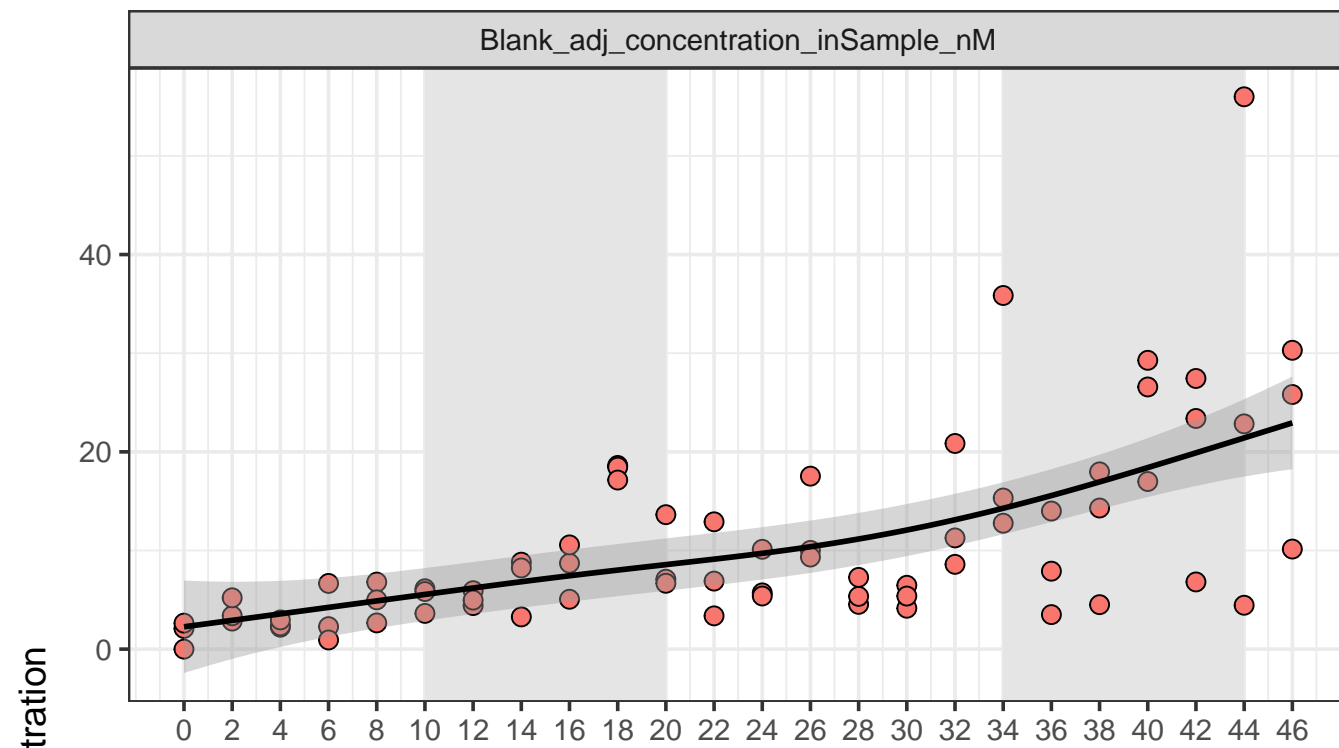
data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

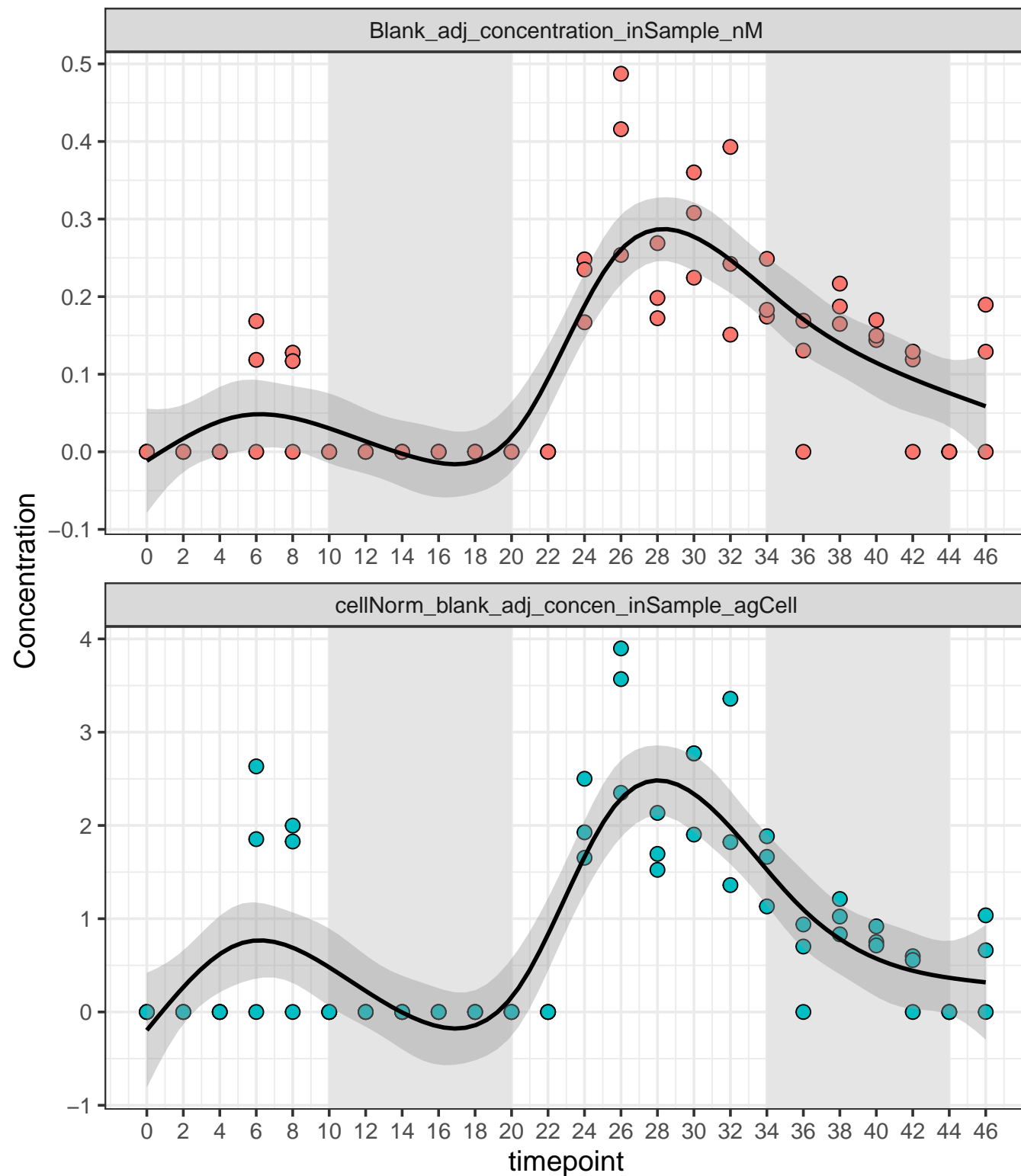
# n-acetylglucosamine204



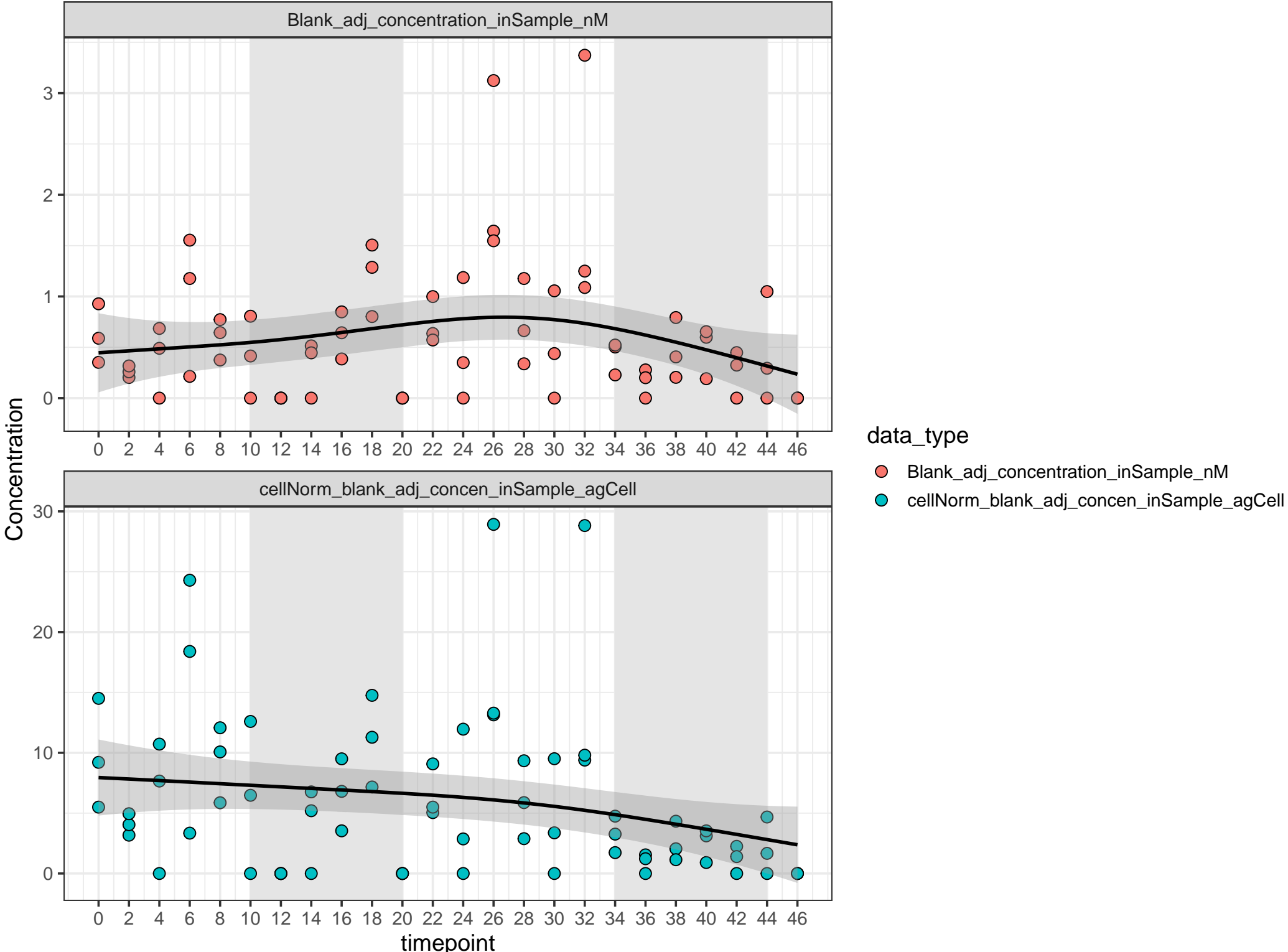
# citric acid



# methionine

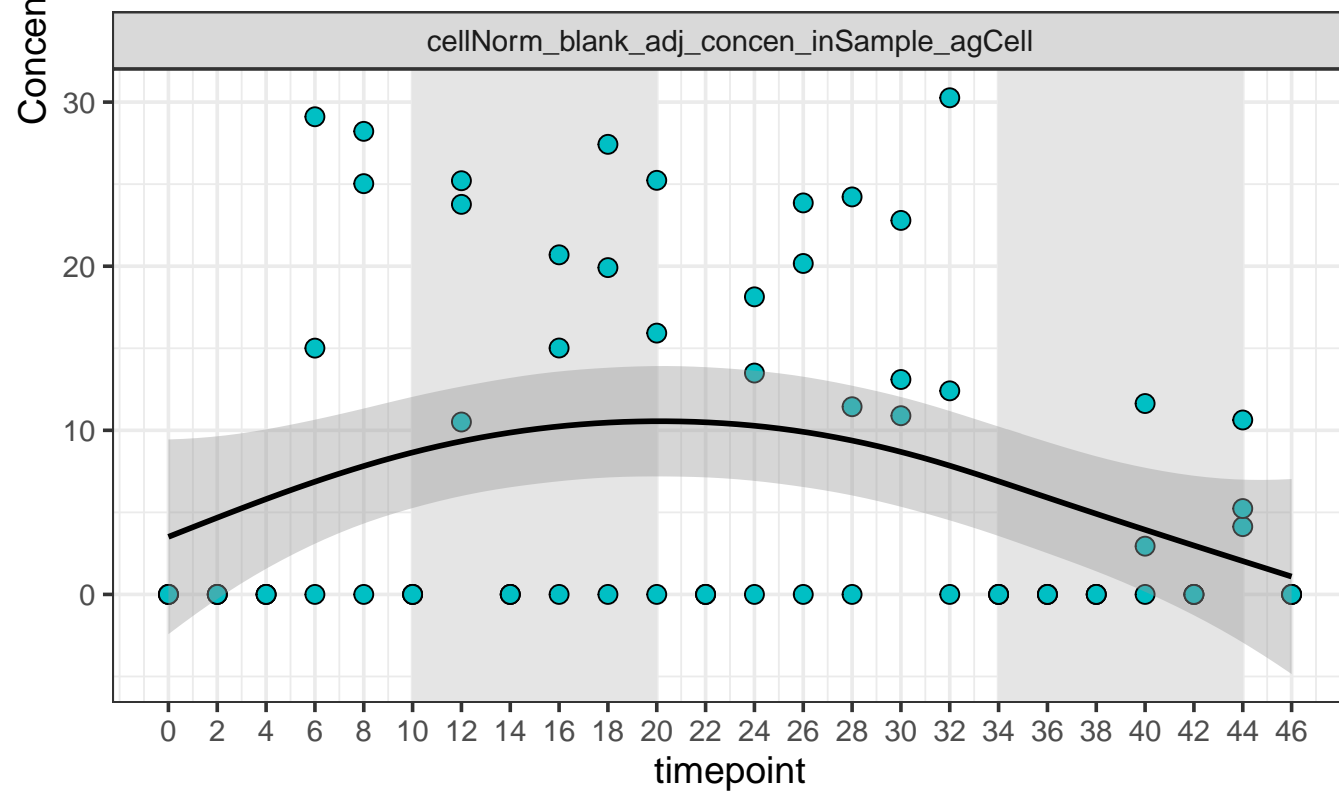
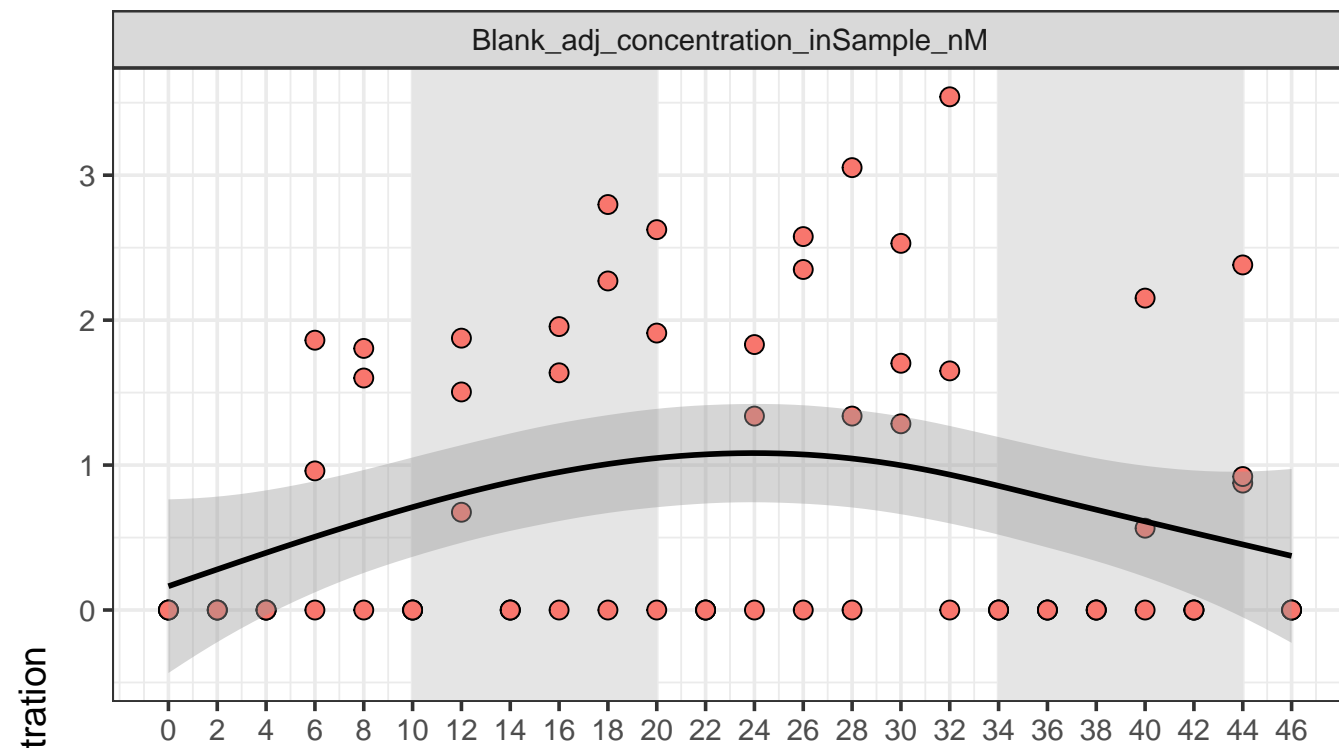


succinic acid

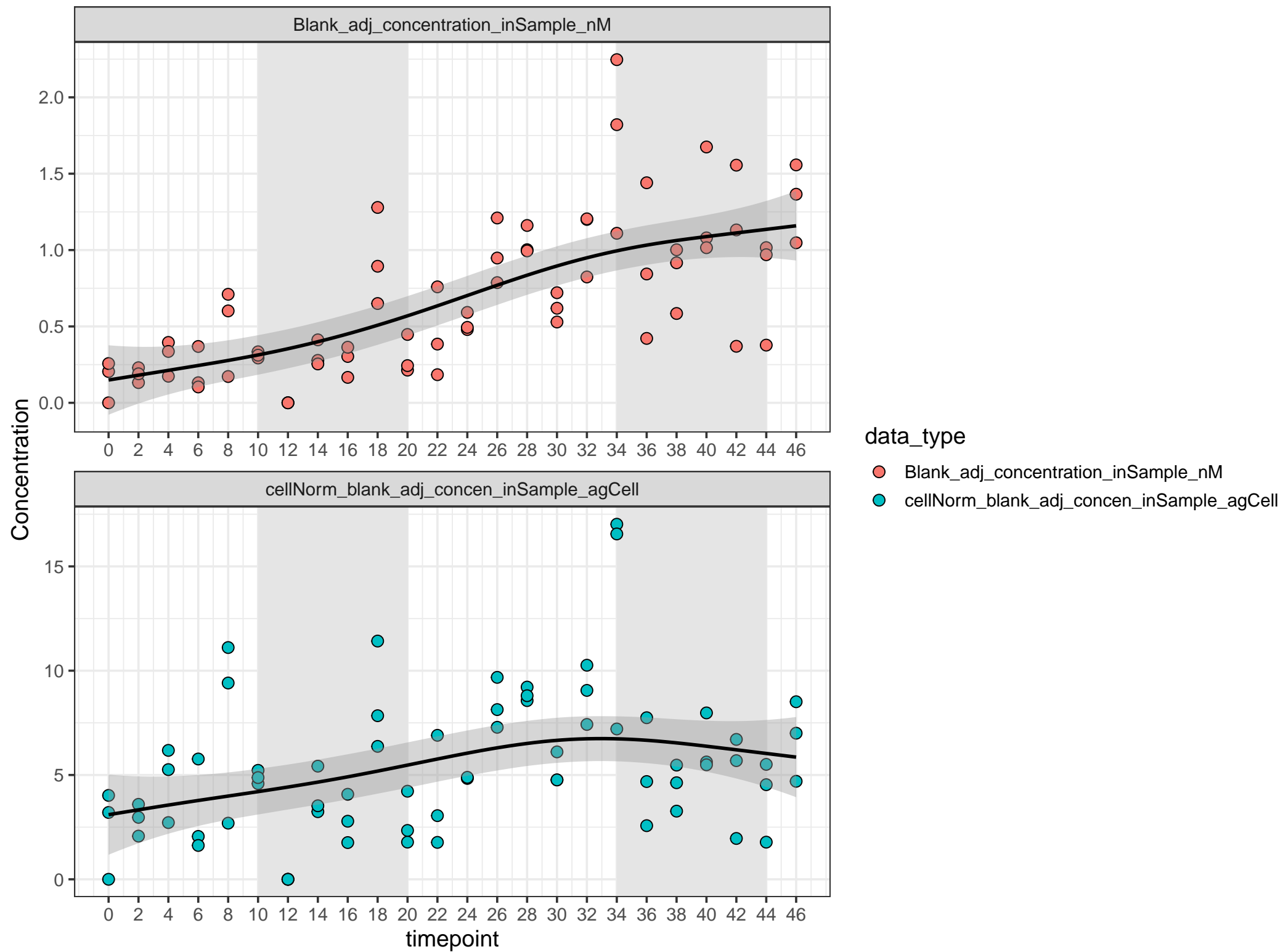




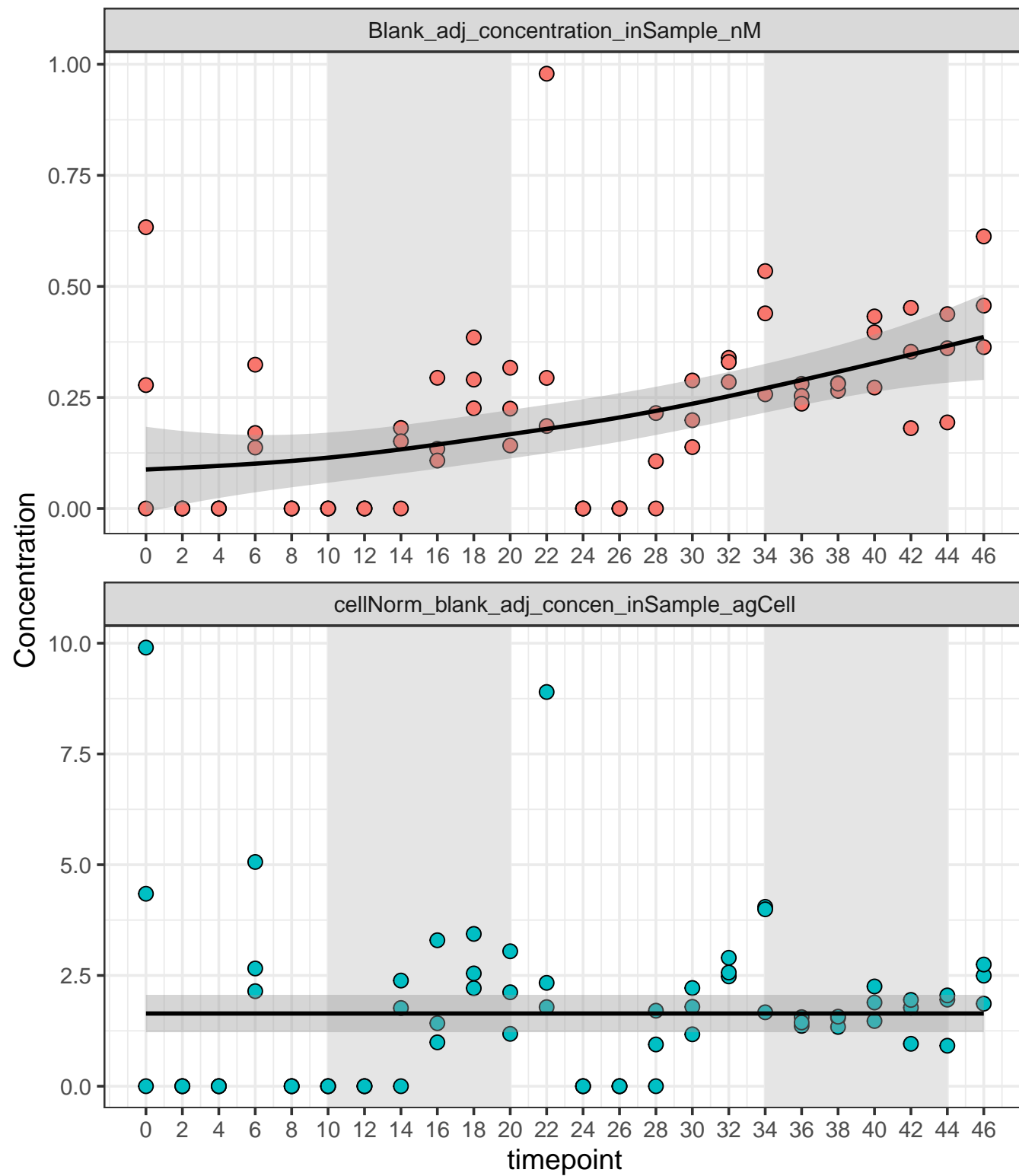
T\_90to30



# NADP



# nicotinamide

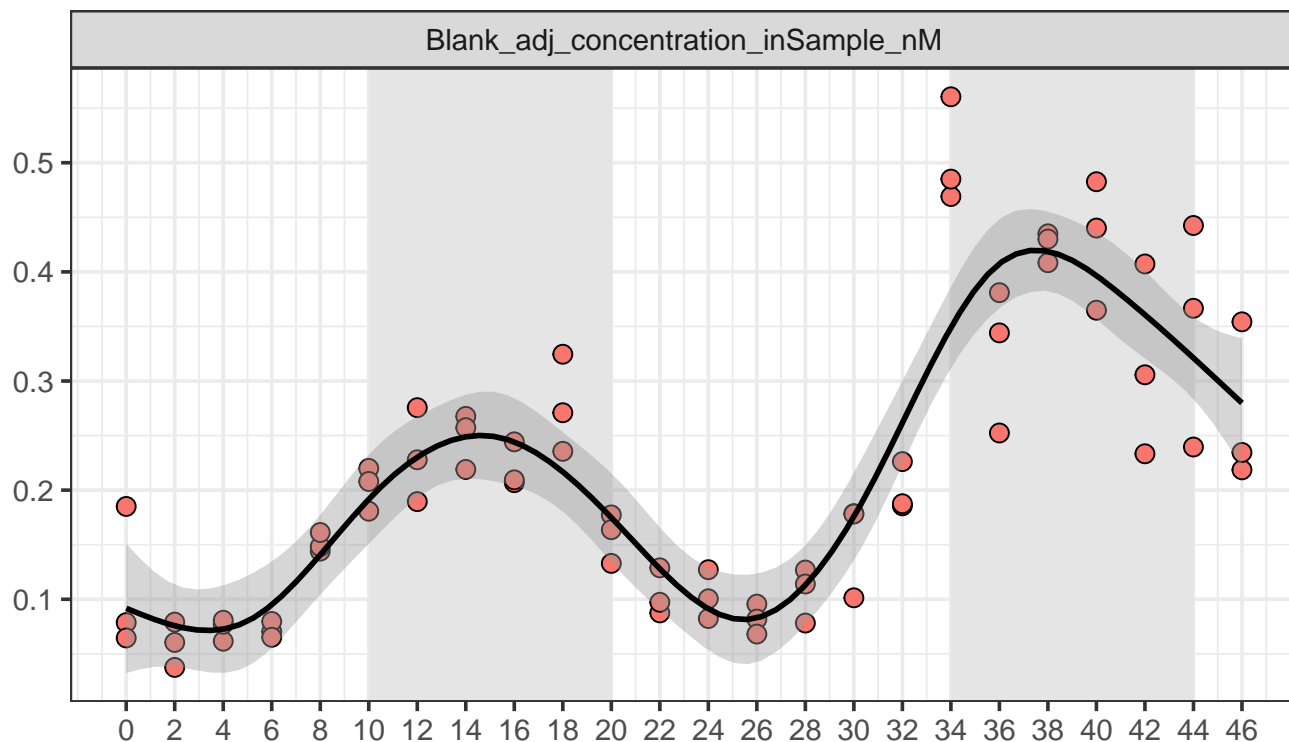


data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

# thymidine

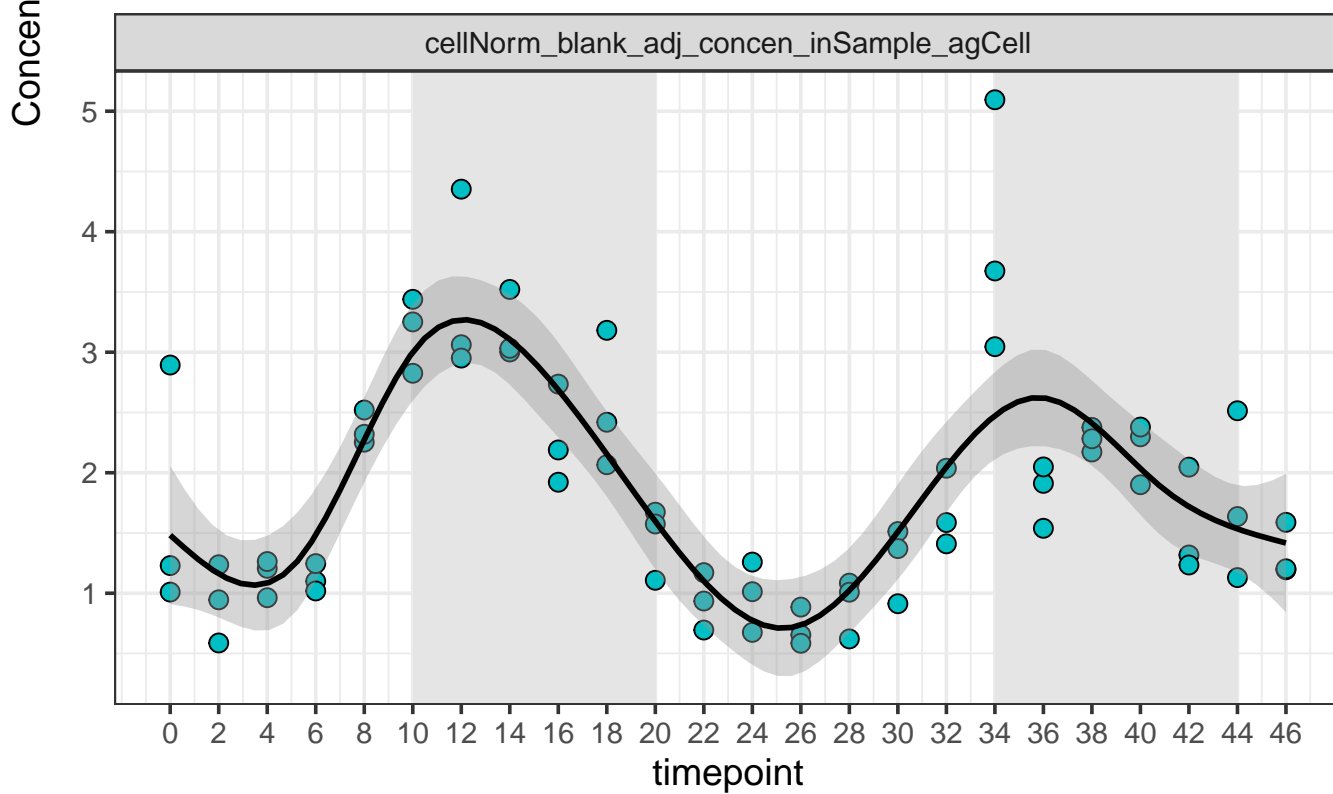
Blank\_adj\_concentration\_inSample\_nM



data\_type

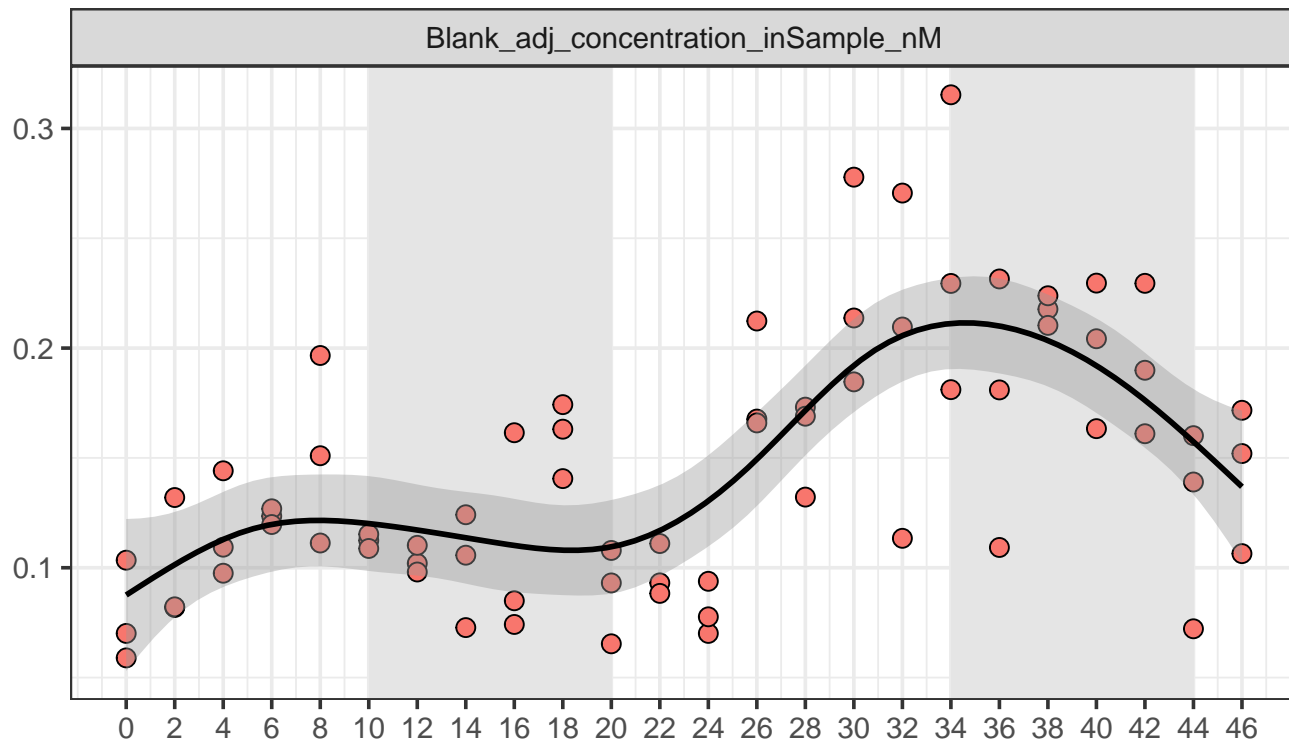
- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

cellNorm\_blank\_adj\_concen\_inSample\_agCell



# tryptophan

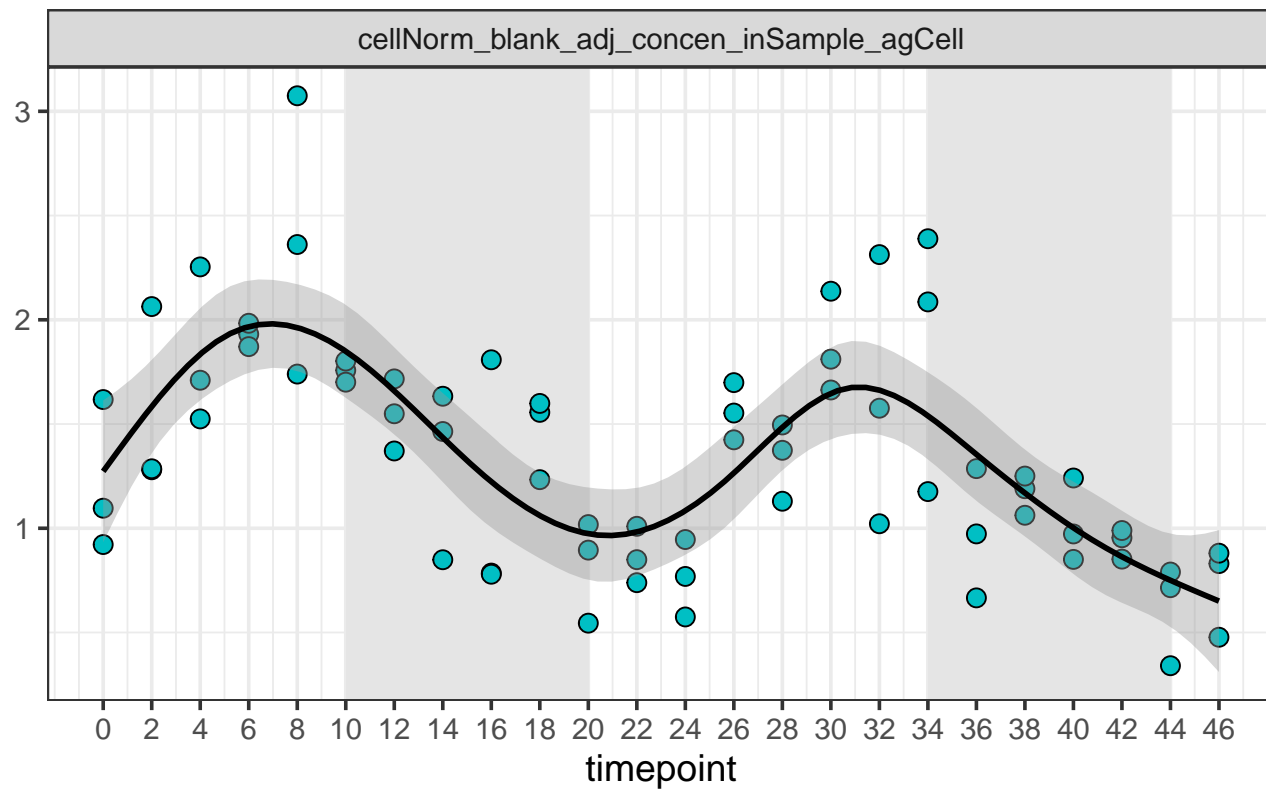
Blank\_adj\_concentration\_inSample\_nM



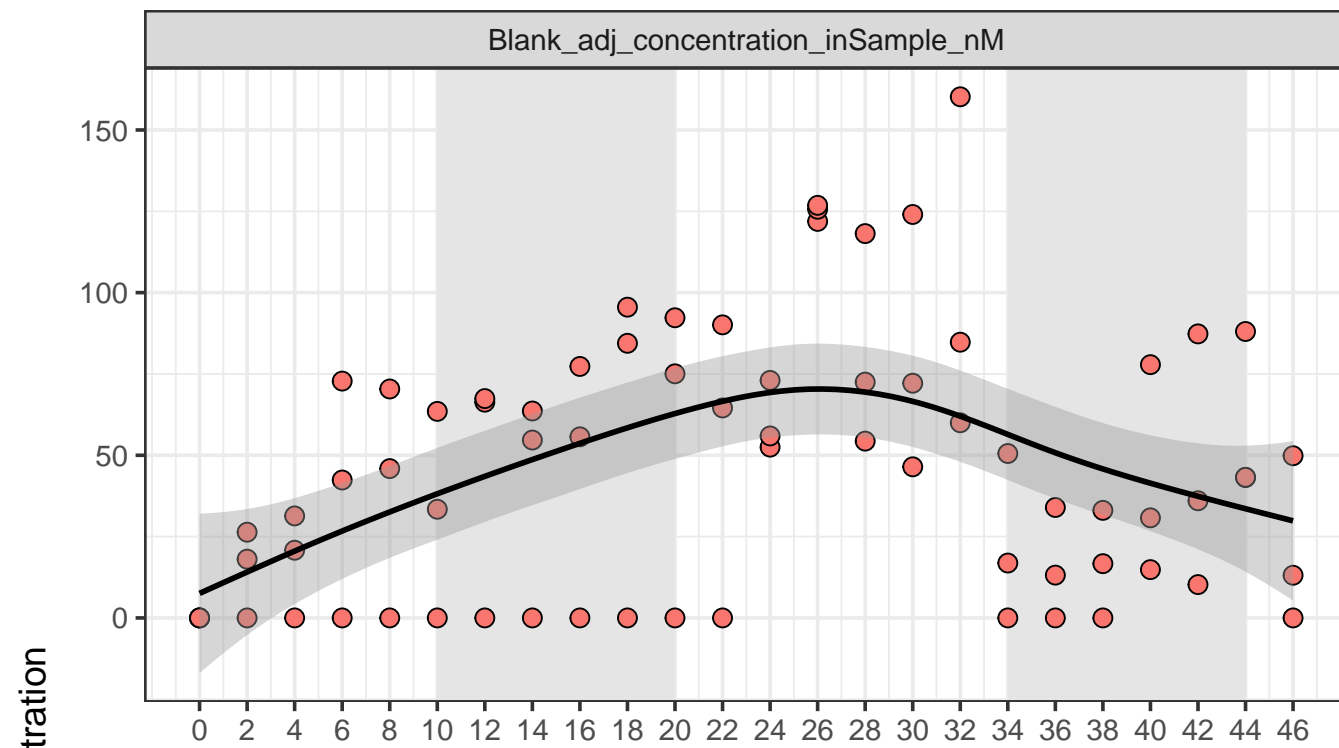
data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

cellNorm\_blank\_adj\_concen\_inSample\_agCell

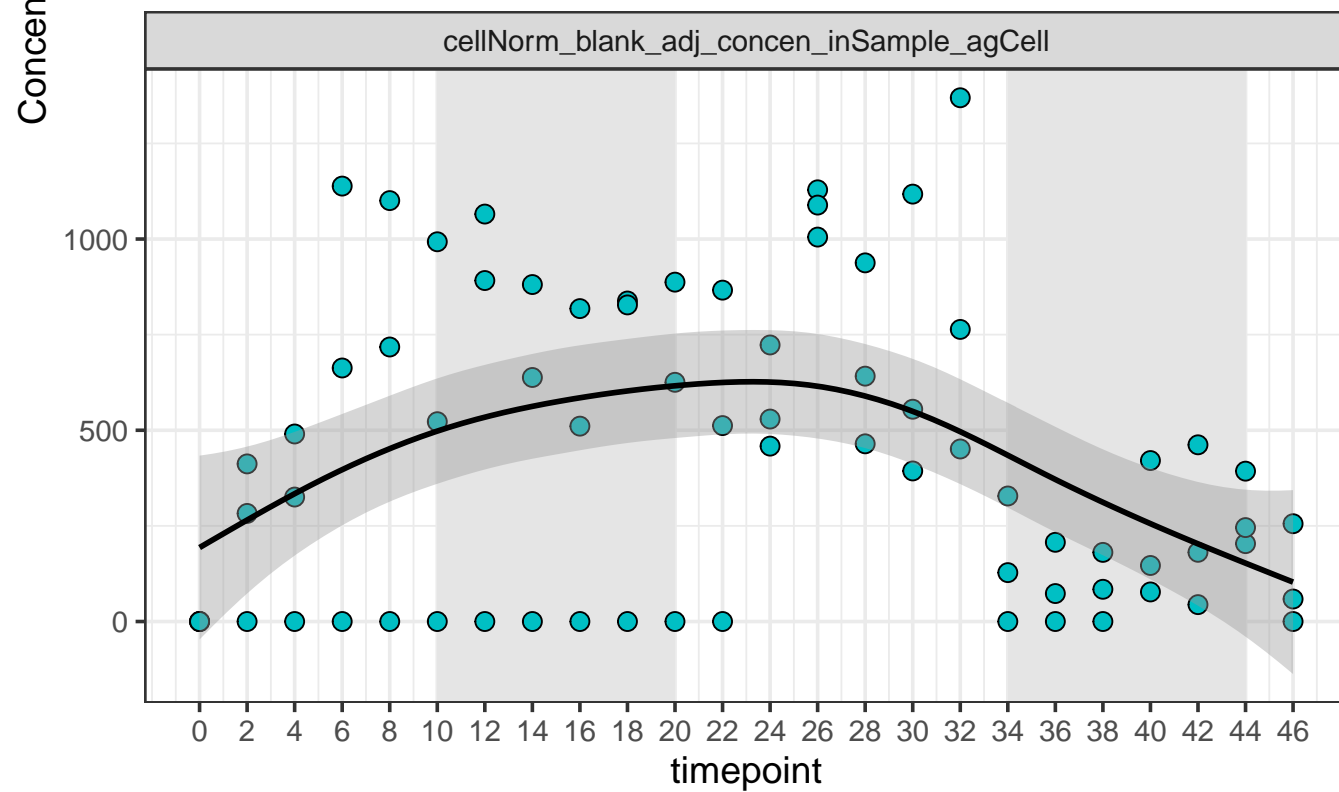


T\_90to62



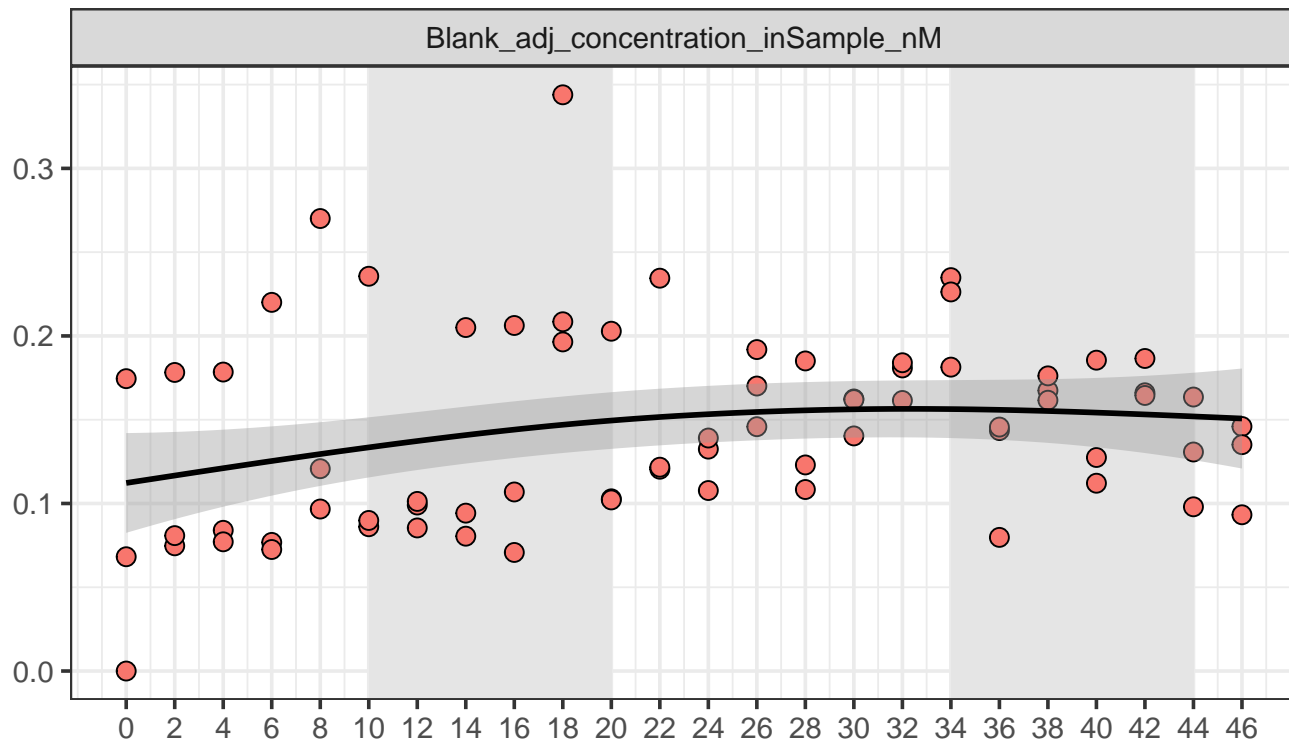
data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell



# Iumichrome

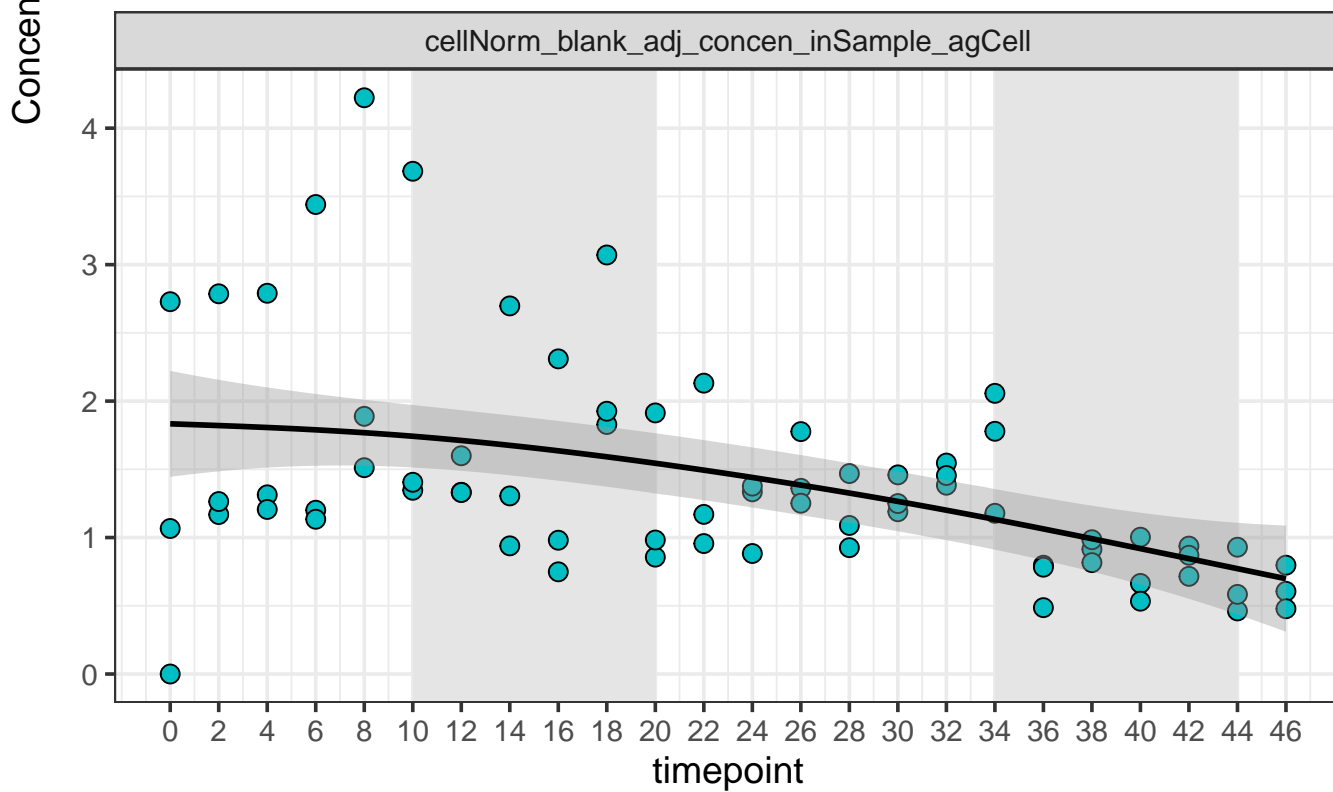
Blank\_adj\_concentration\_inSample\_nM



data\_type

- Blank\_adj\_concentration\_inSample\_nM
- cellNorm\_blank\_adj\_concen\_inSample\_agCell

cellNorm\_blank\_adj\_concen\_inSample\_agCell



tetrahydrobiopterin240

