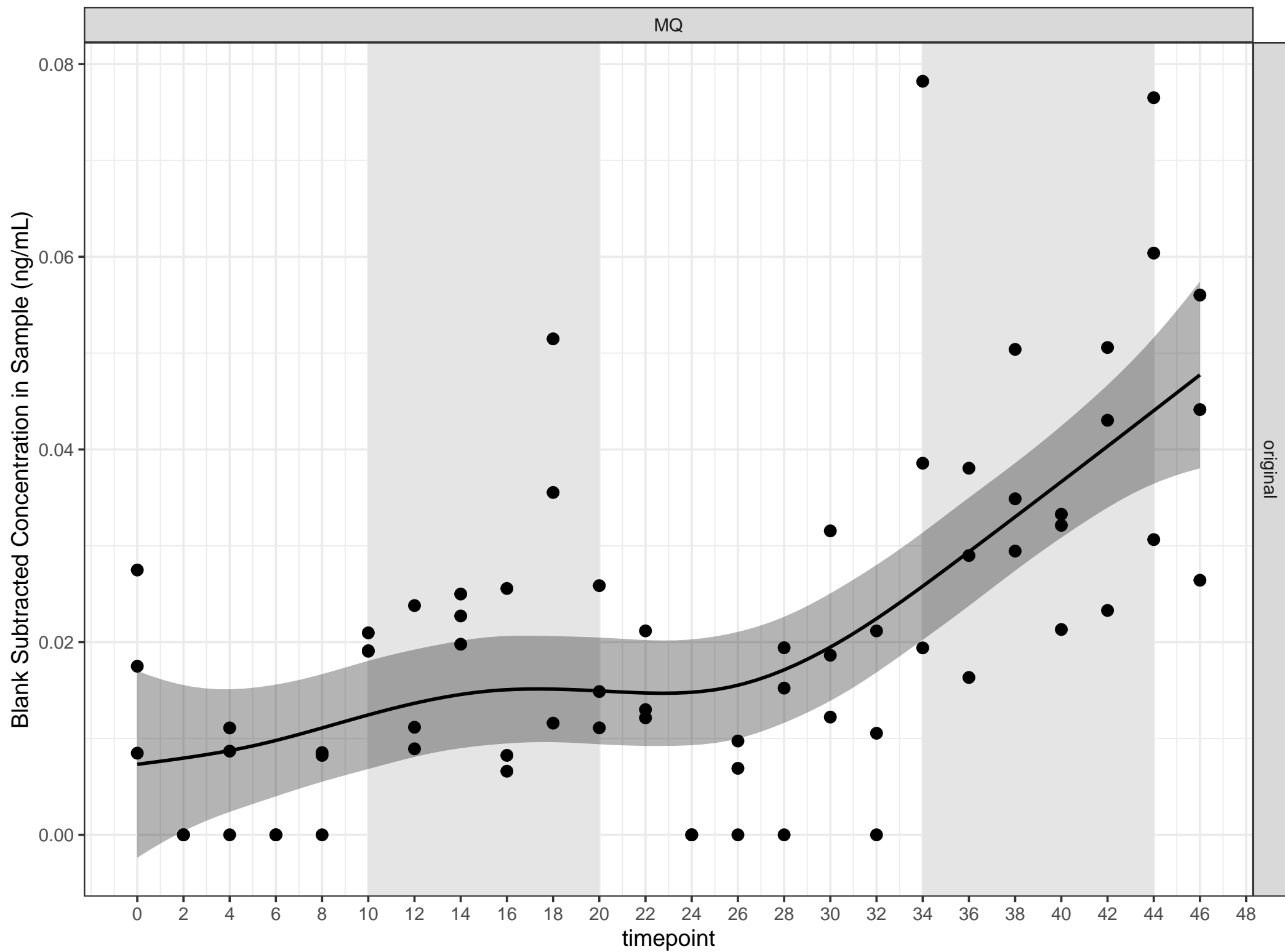
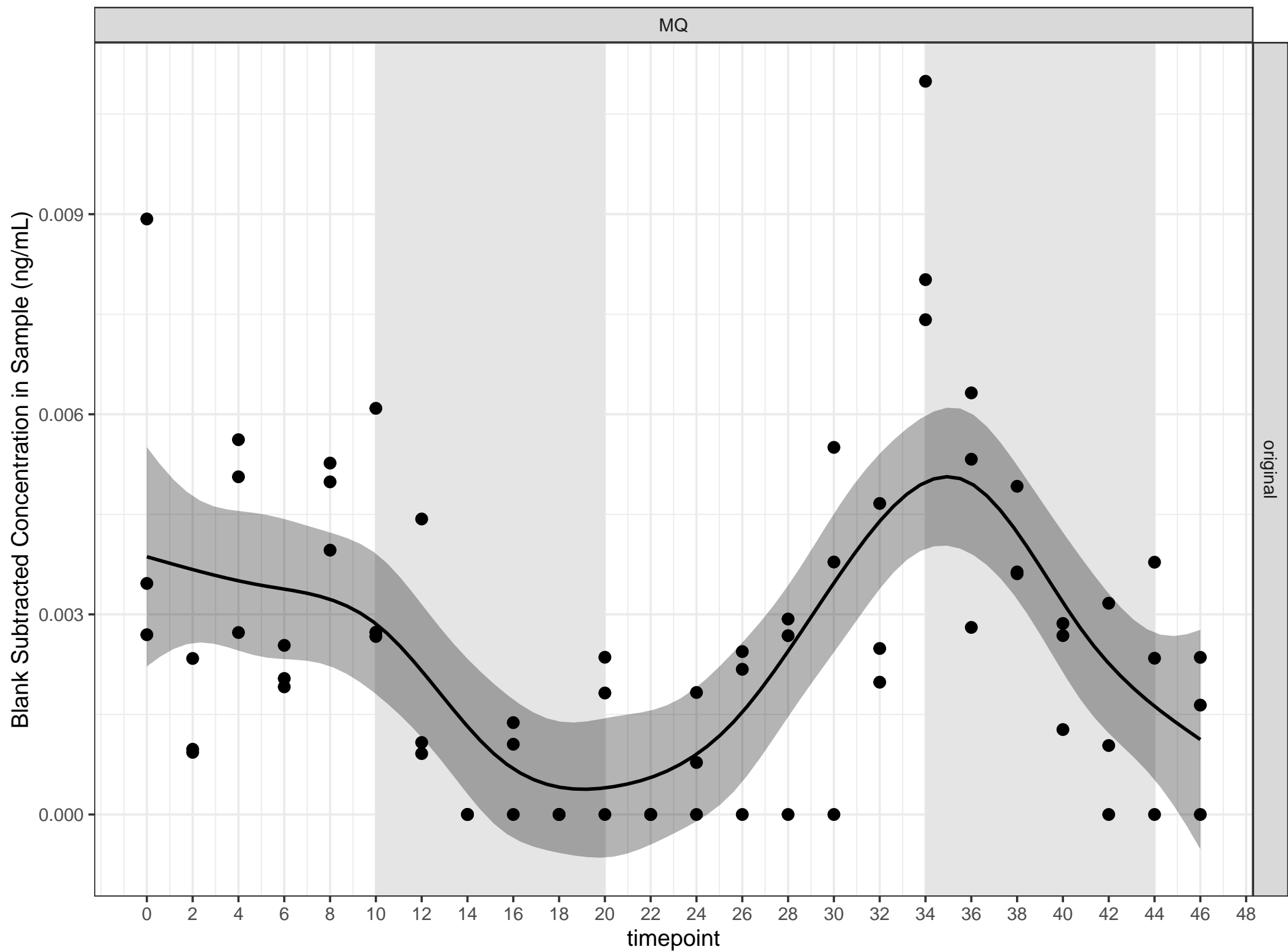


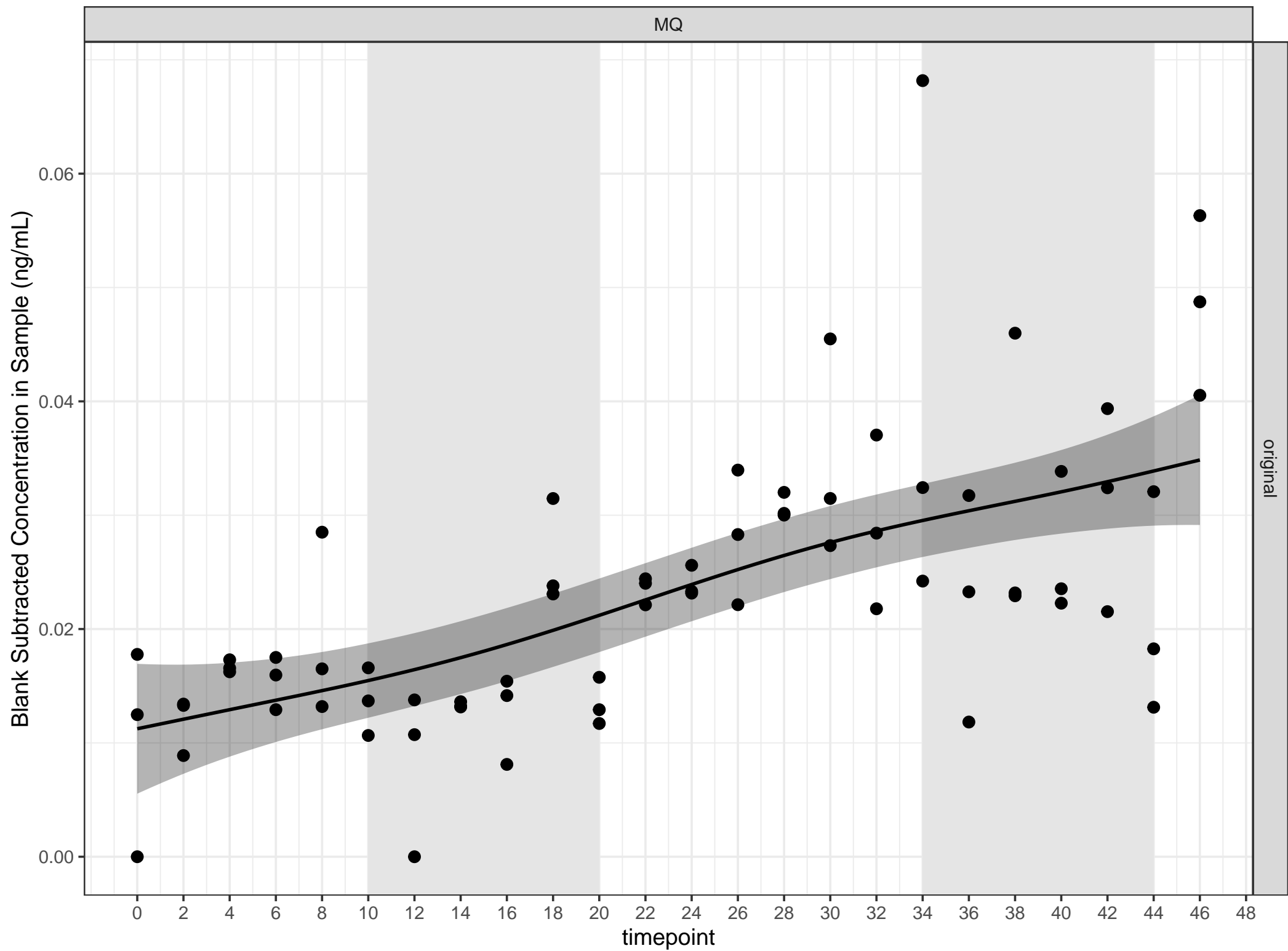
# 3-methyl-2-oxobutanoic acid



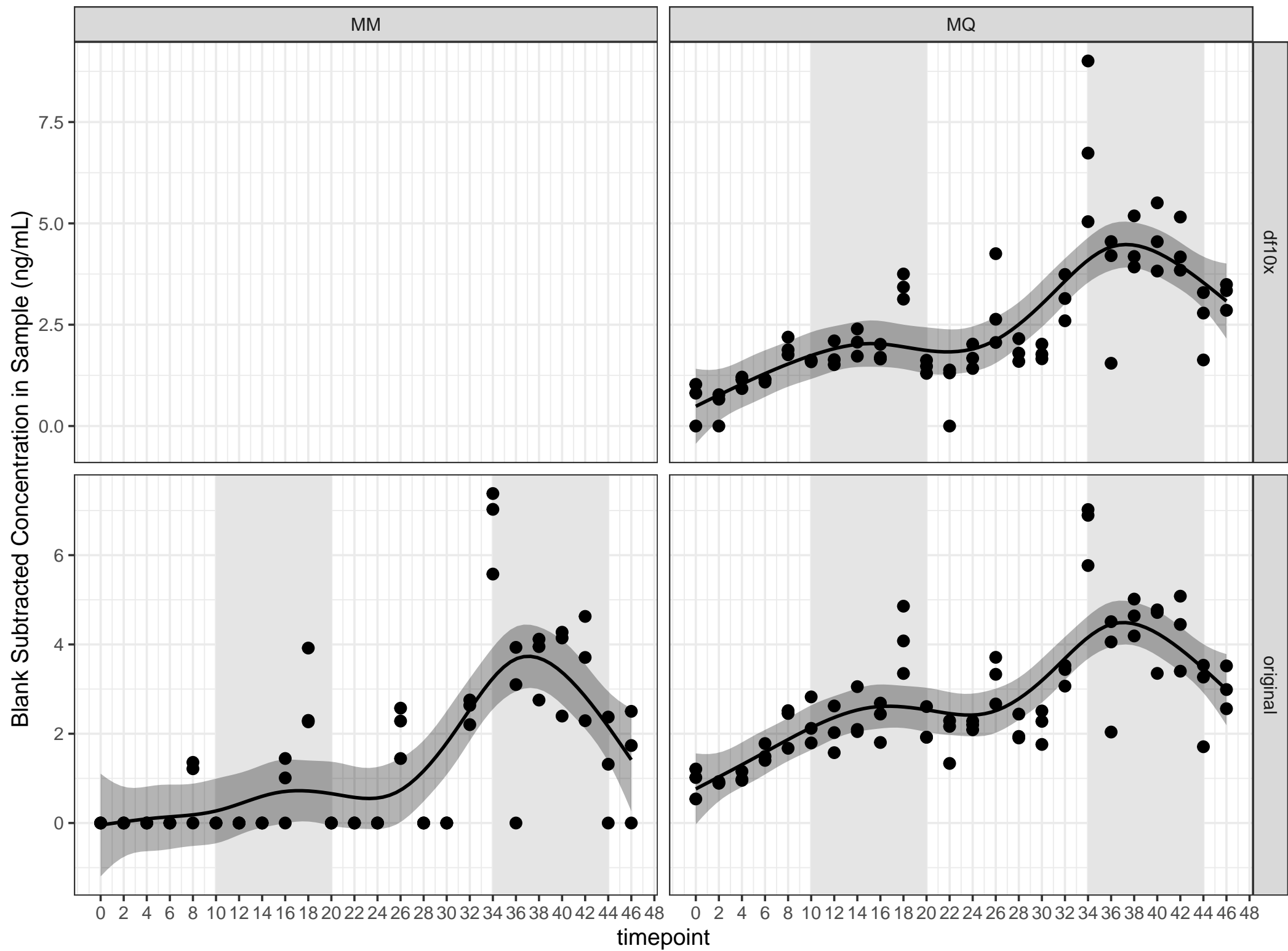
# 4-hydroxybenzoic acid



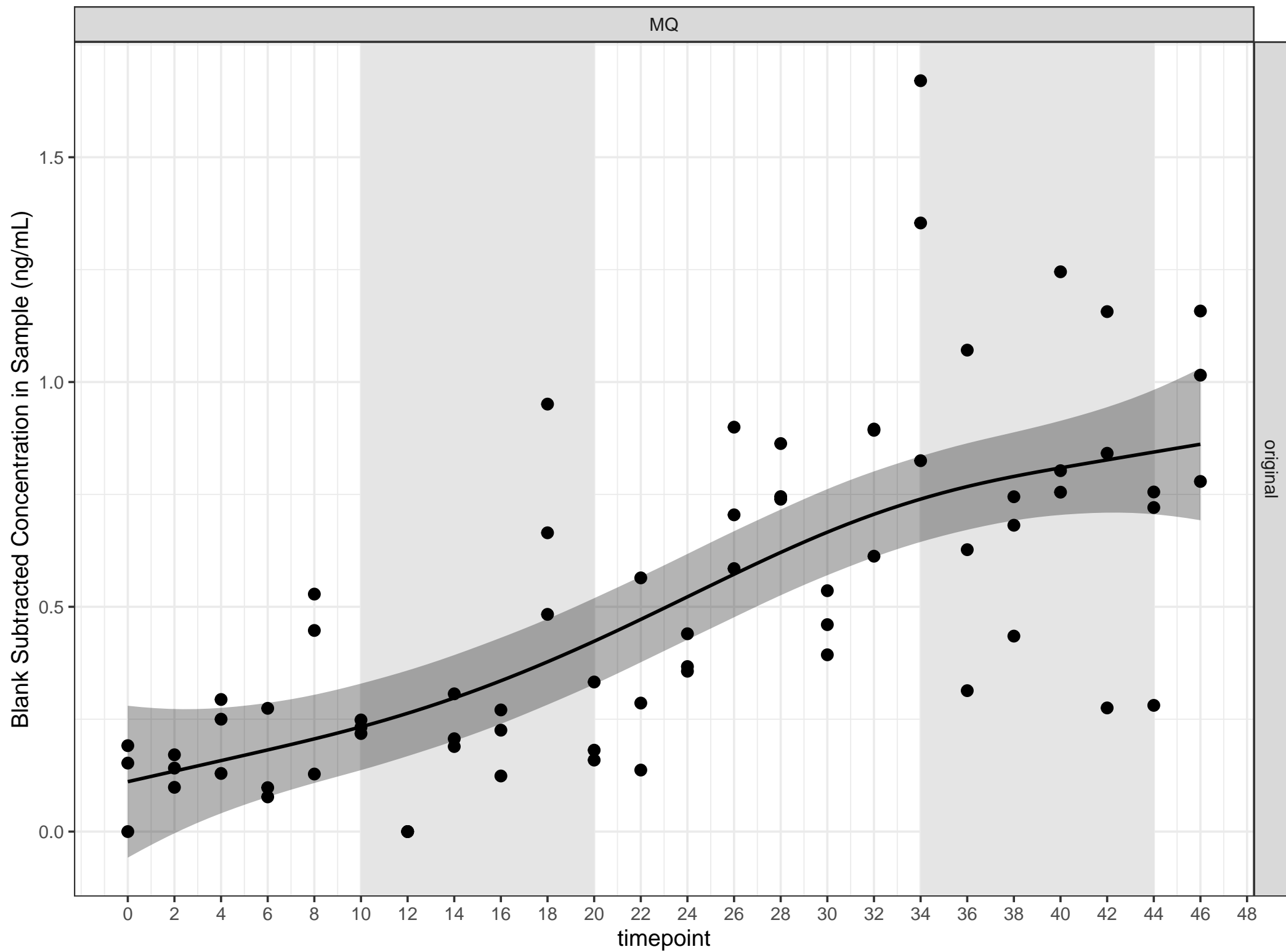
MTA



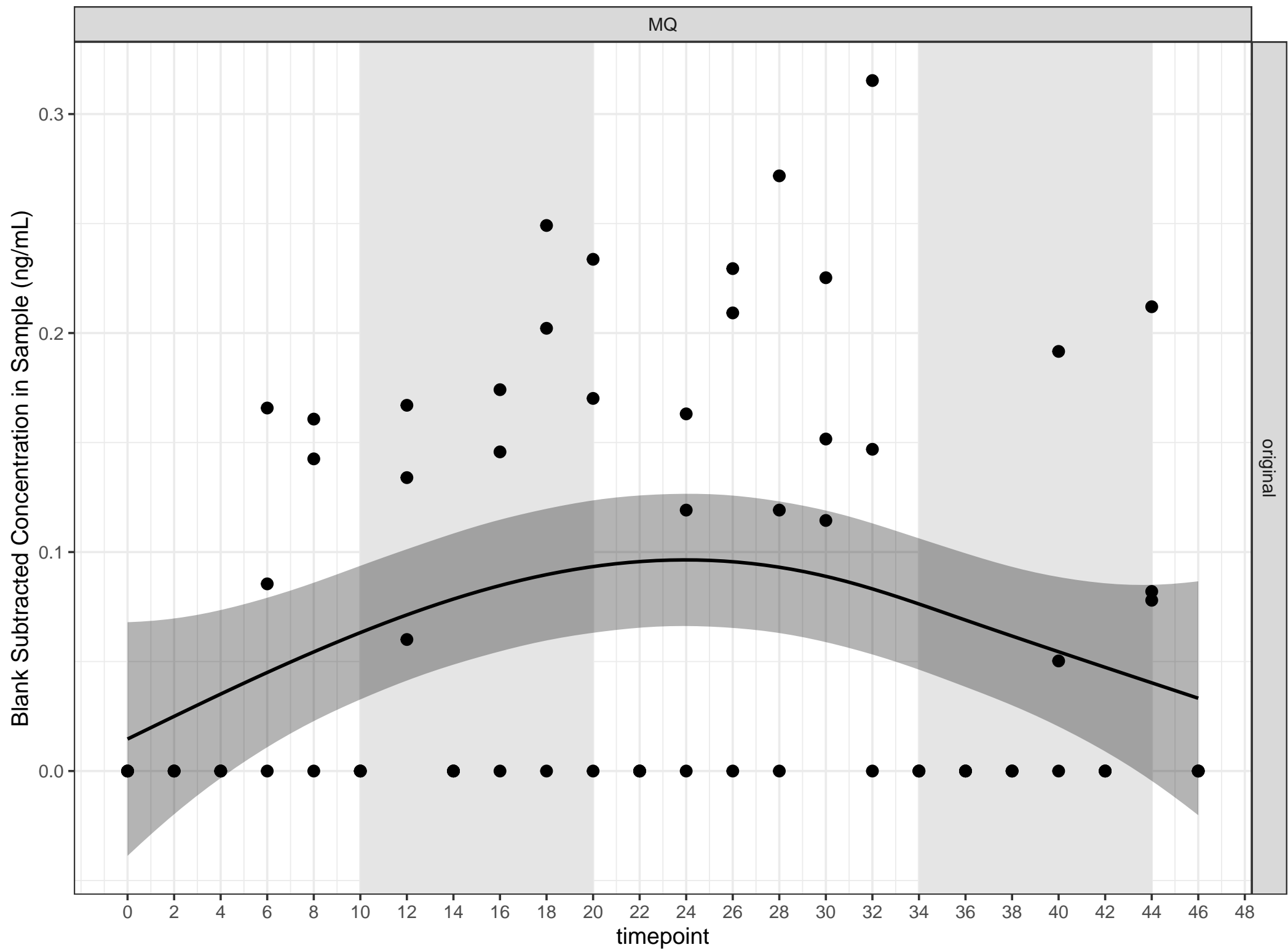
NAD



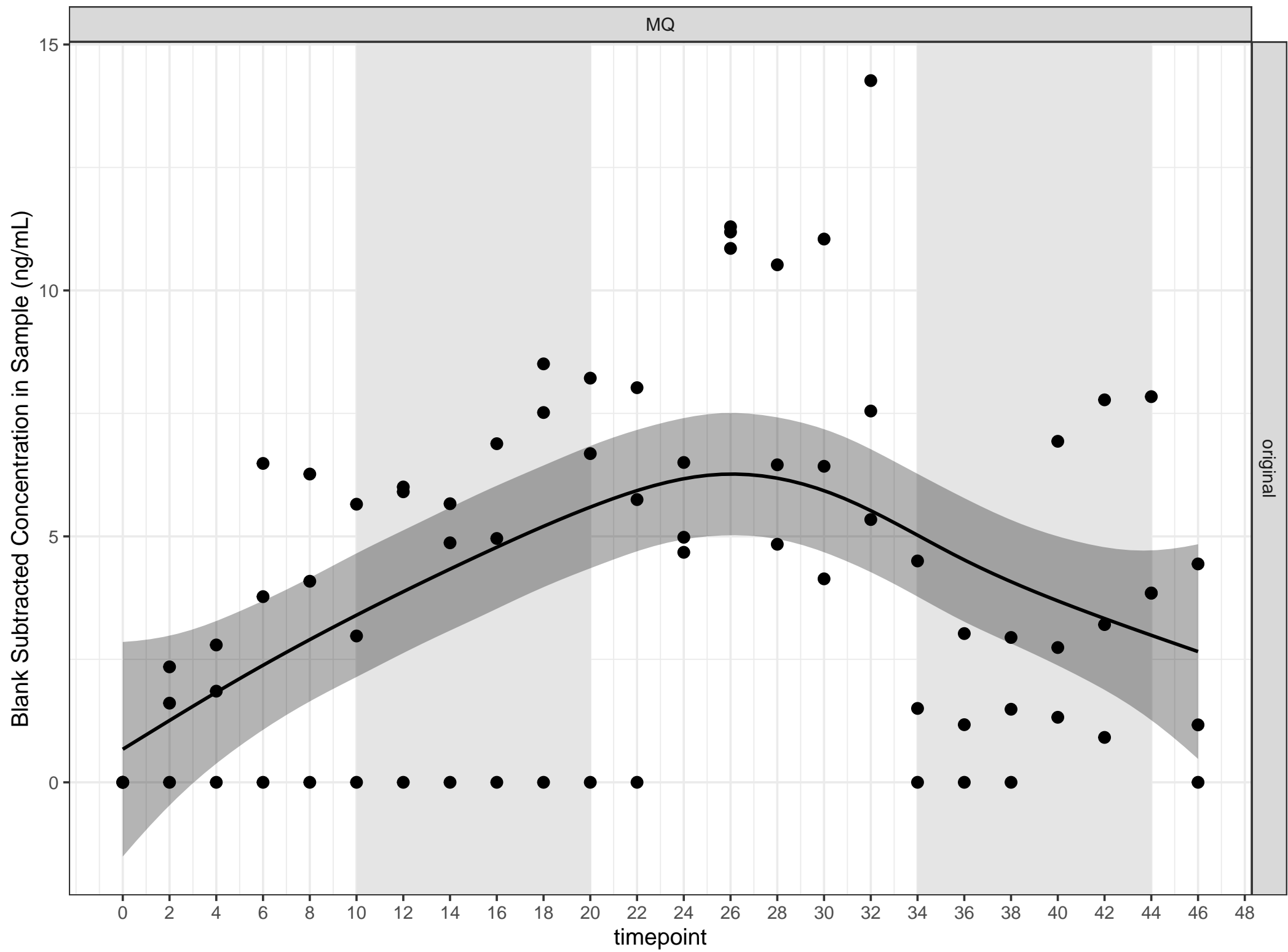
NADP



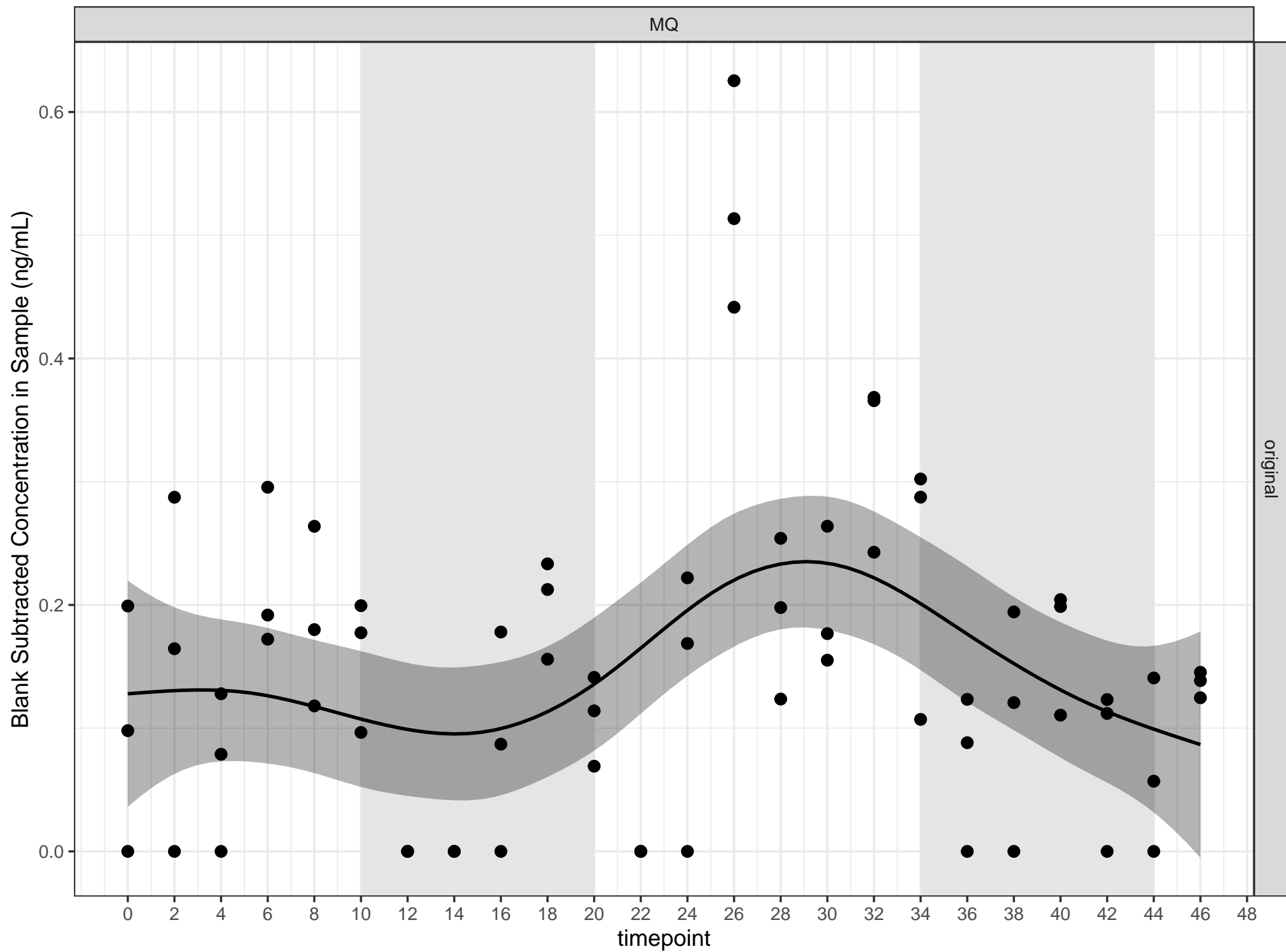
T\_90to30



T\_90to62

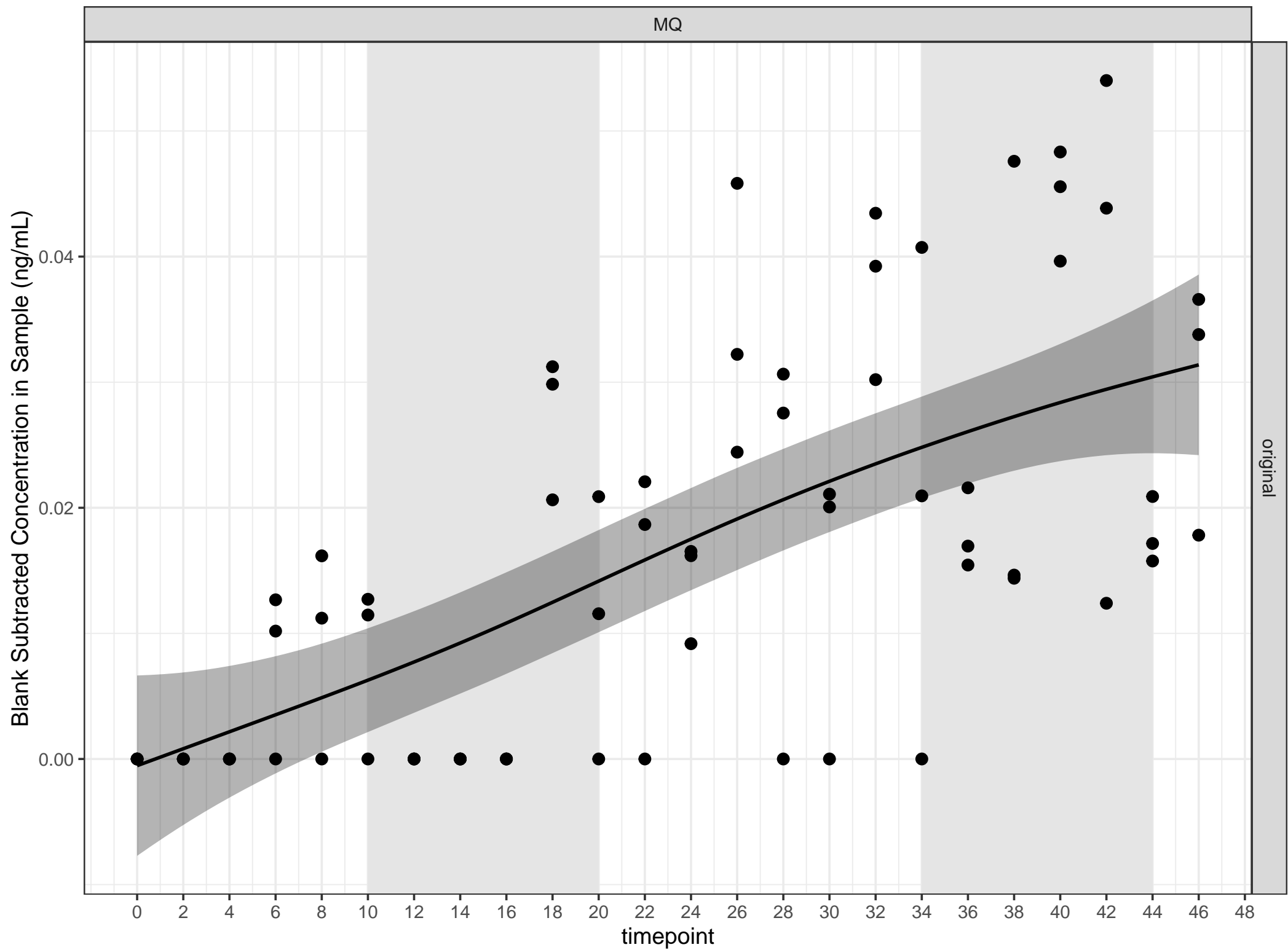


# UDP-glucose

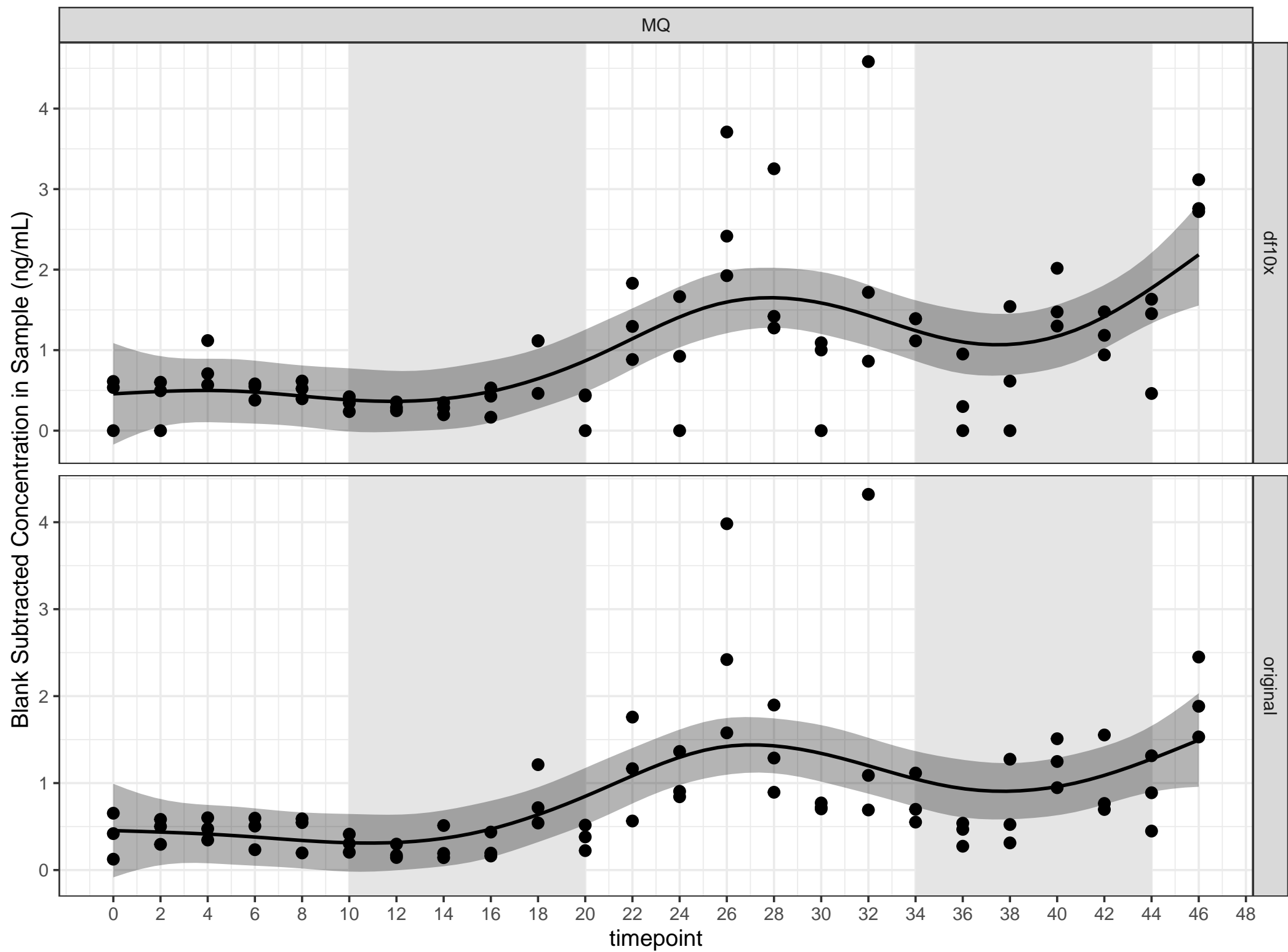




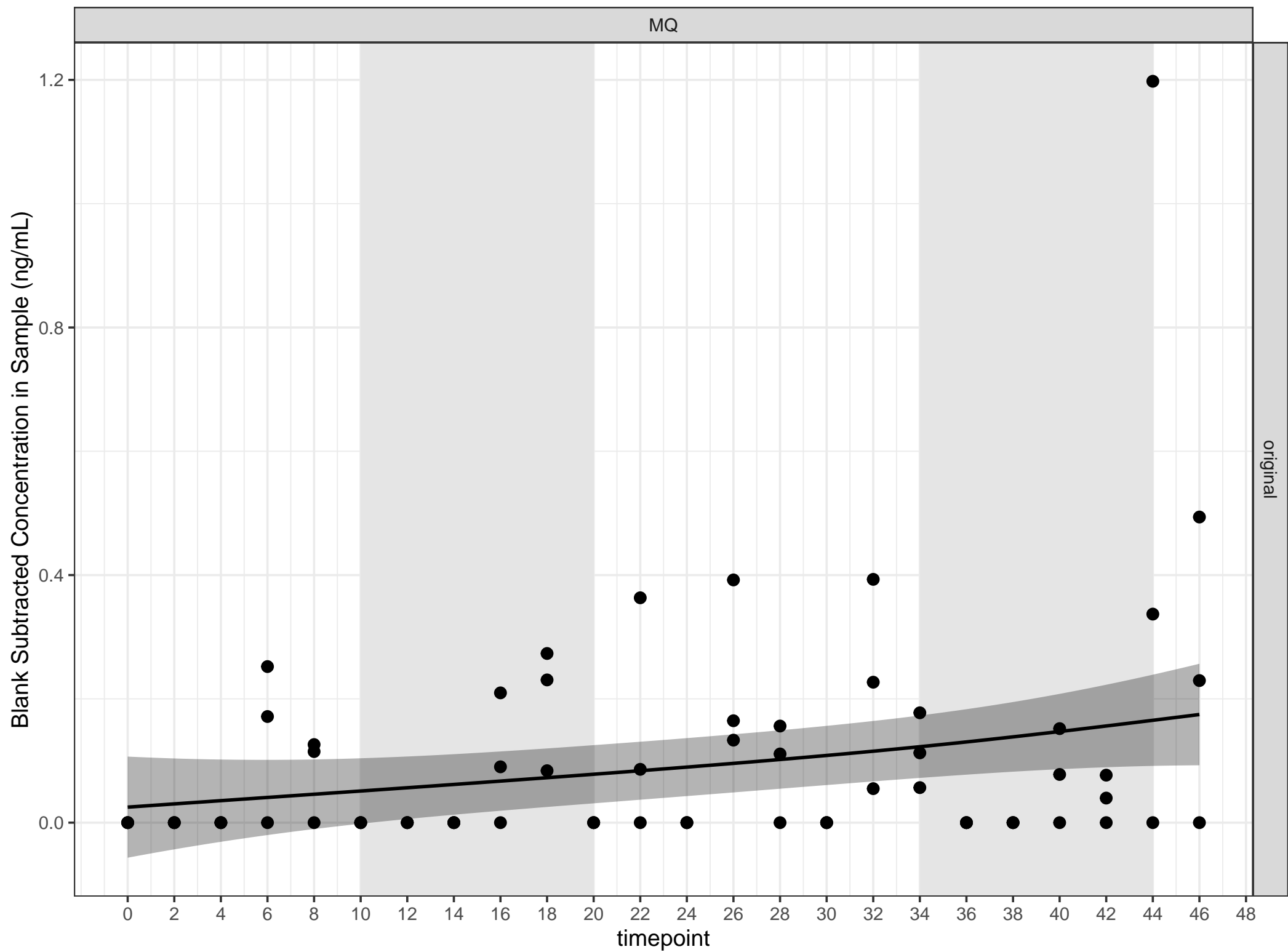
adenine pos



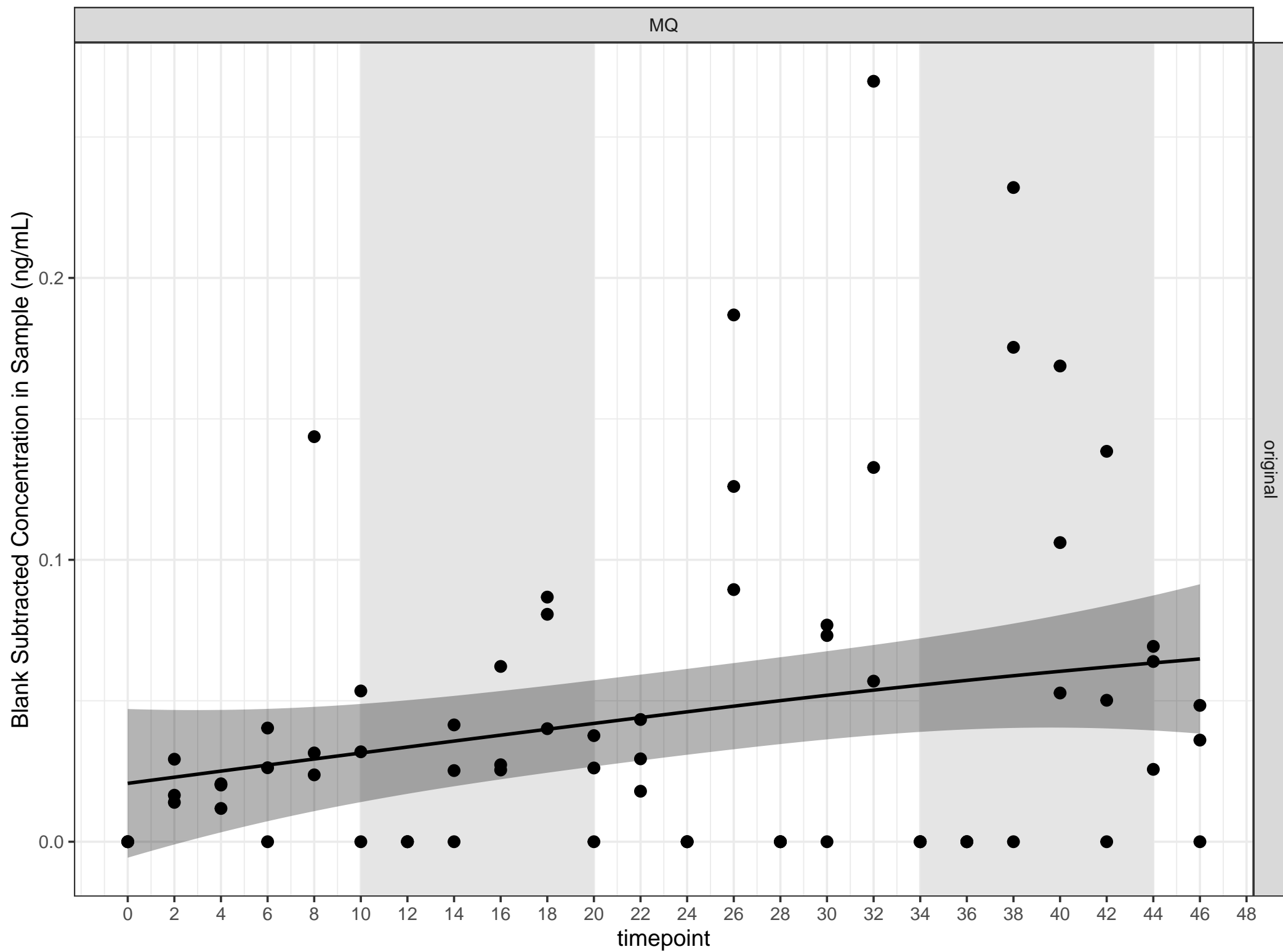
# adenosine 5'-monophosphate pos



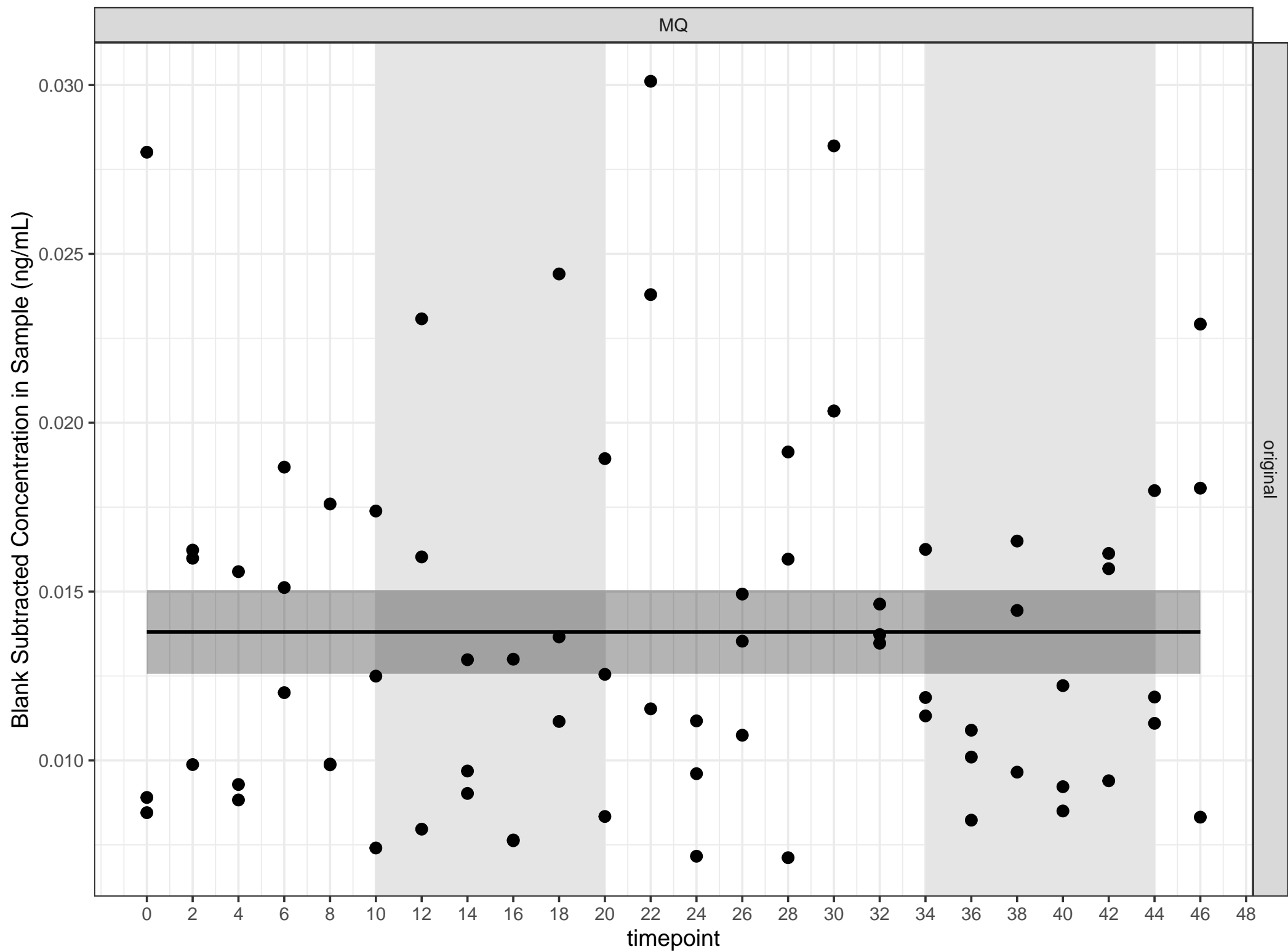
# alpha-ketoglutaric acid



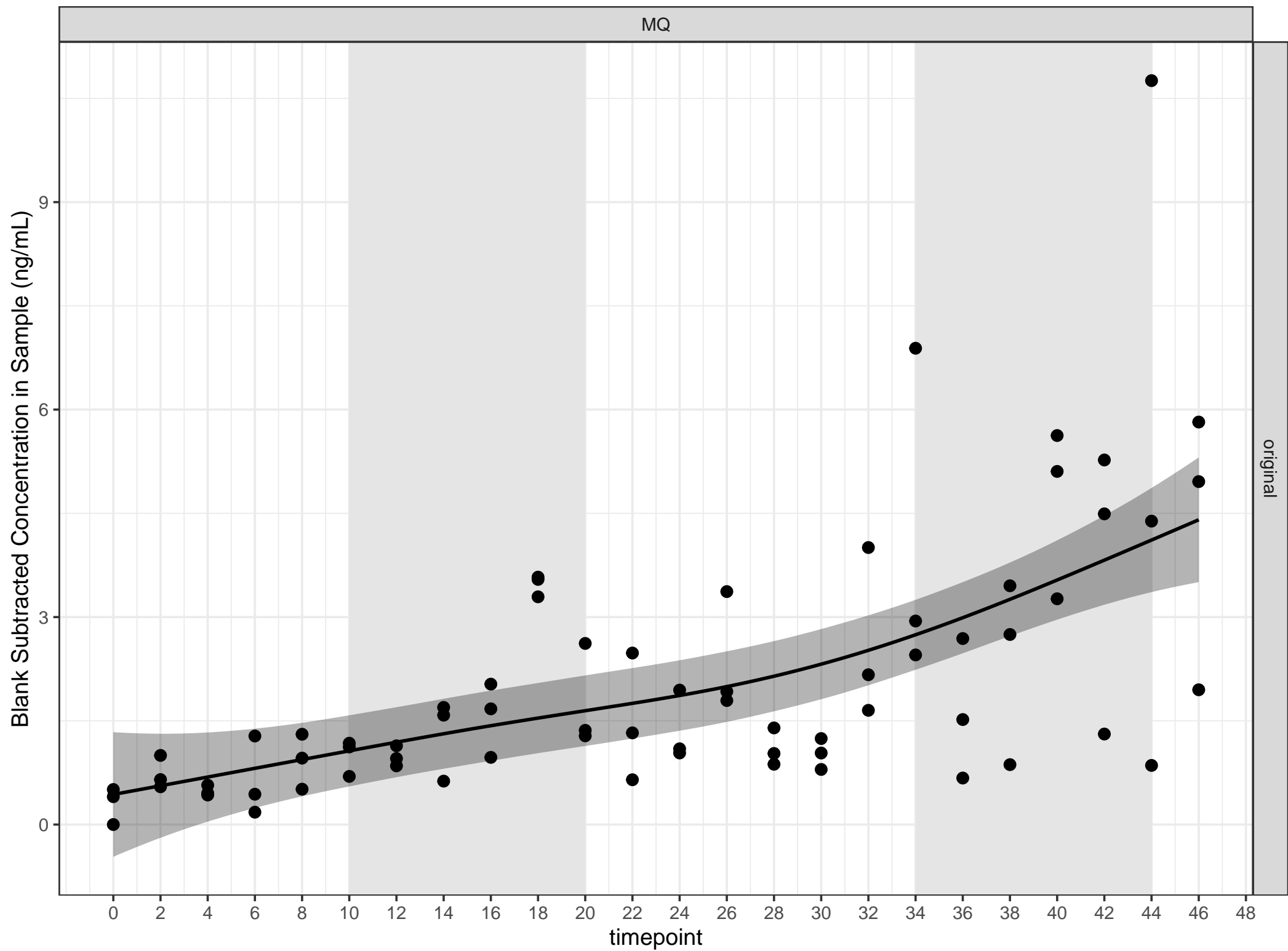
aspartic acid neg



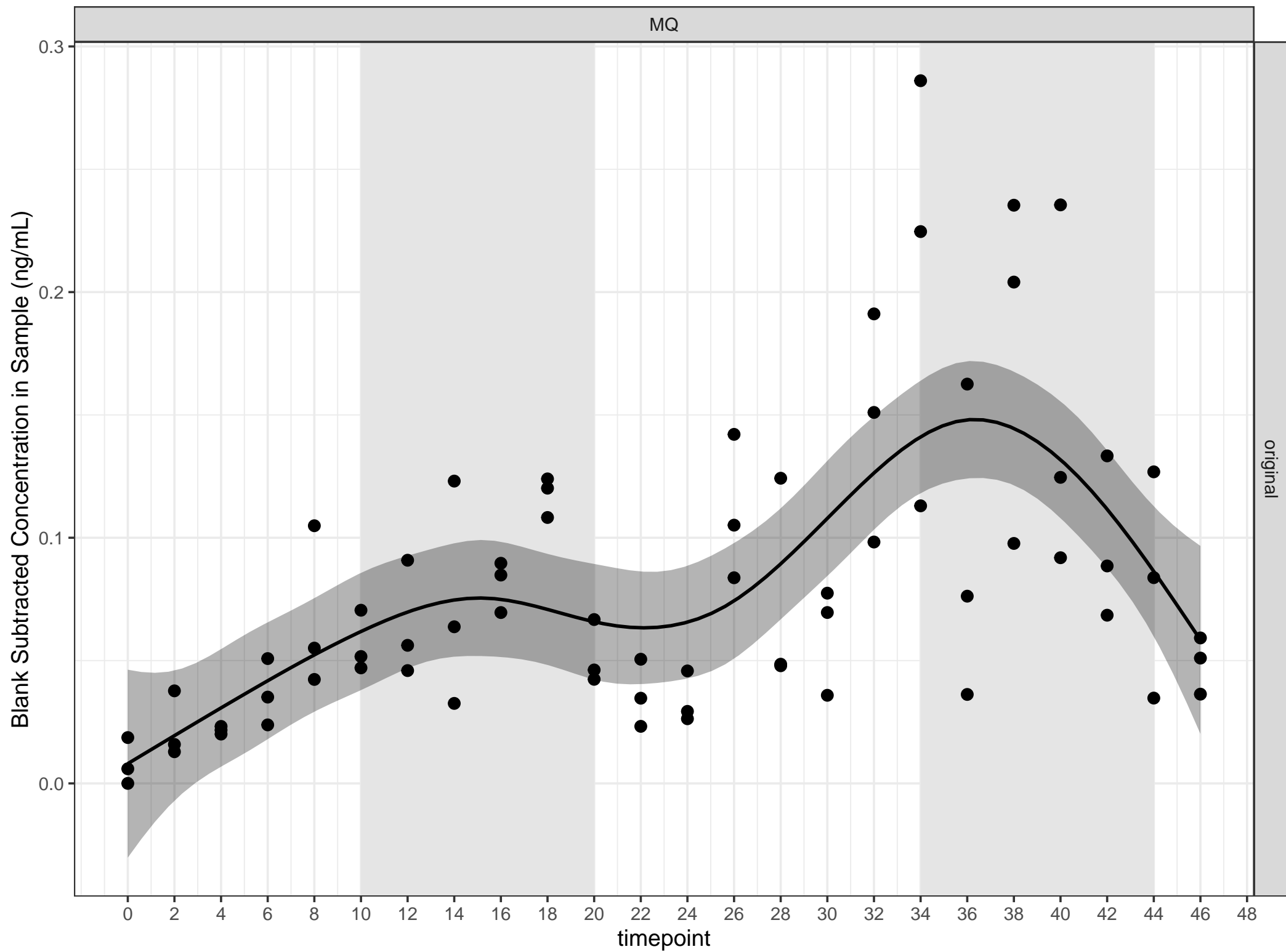
caffeine



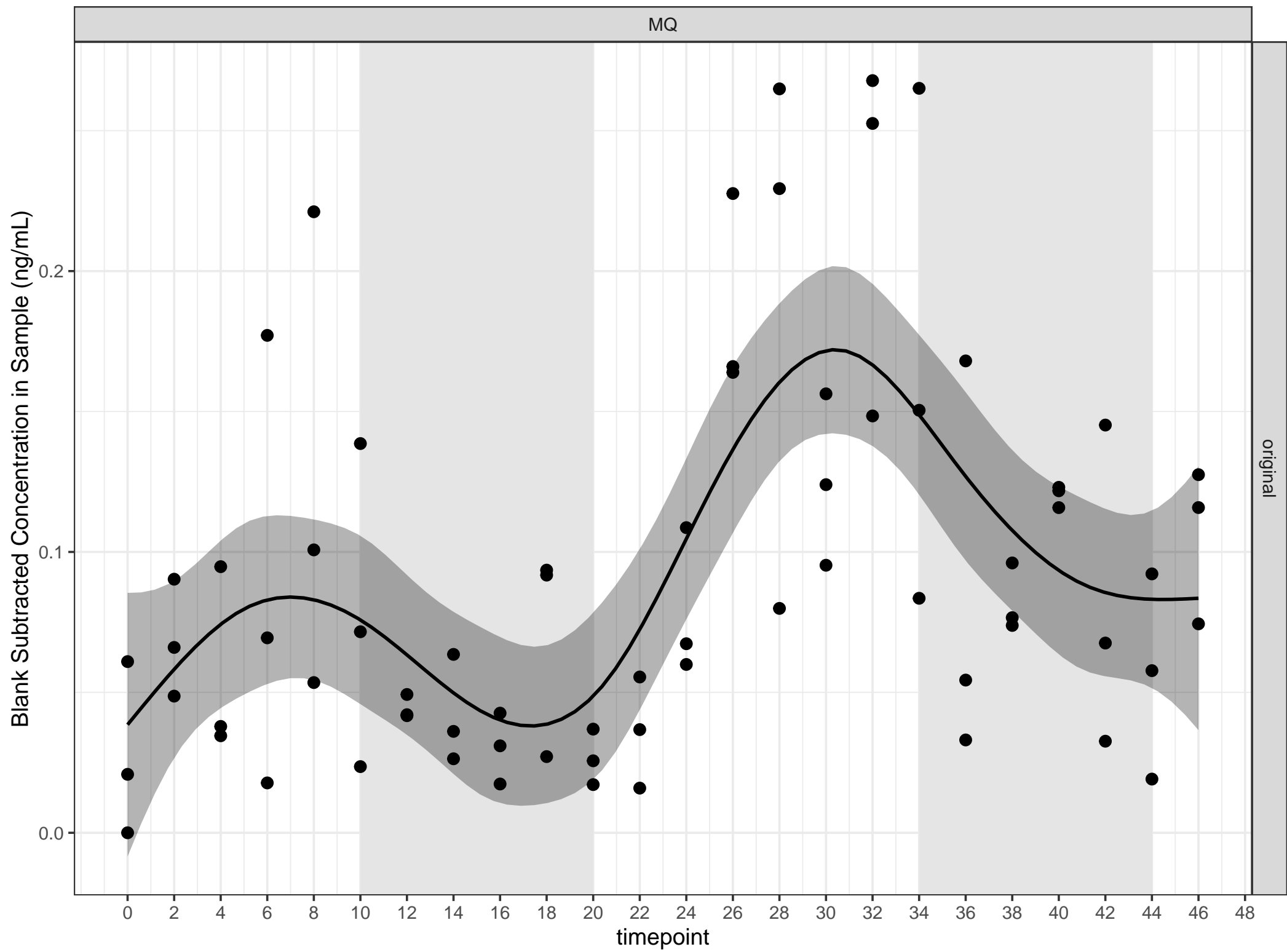
citric acid



citrulline

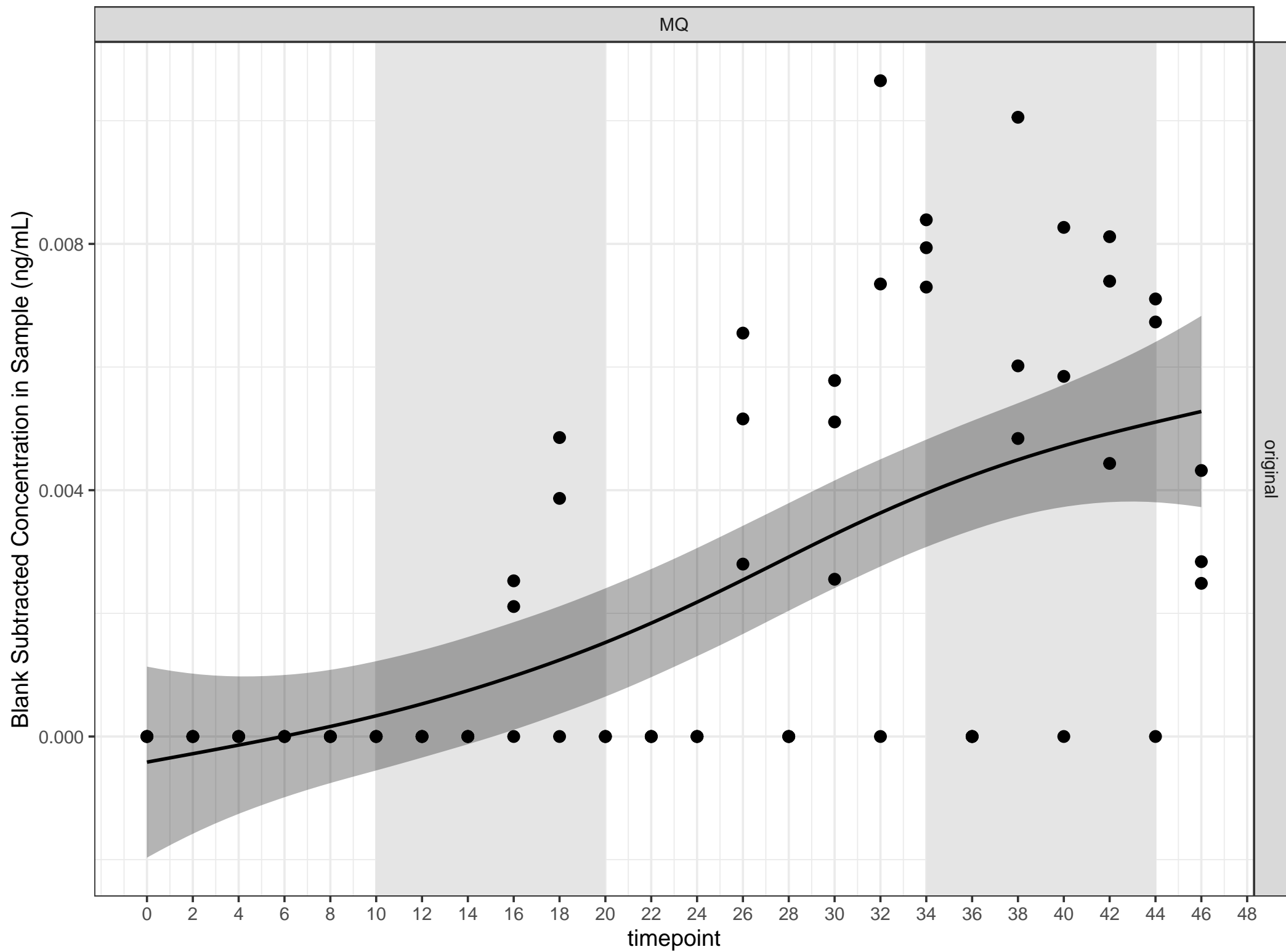


cytidine pos

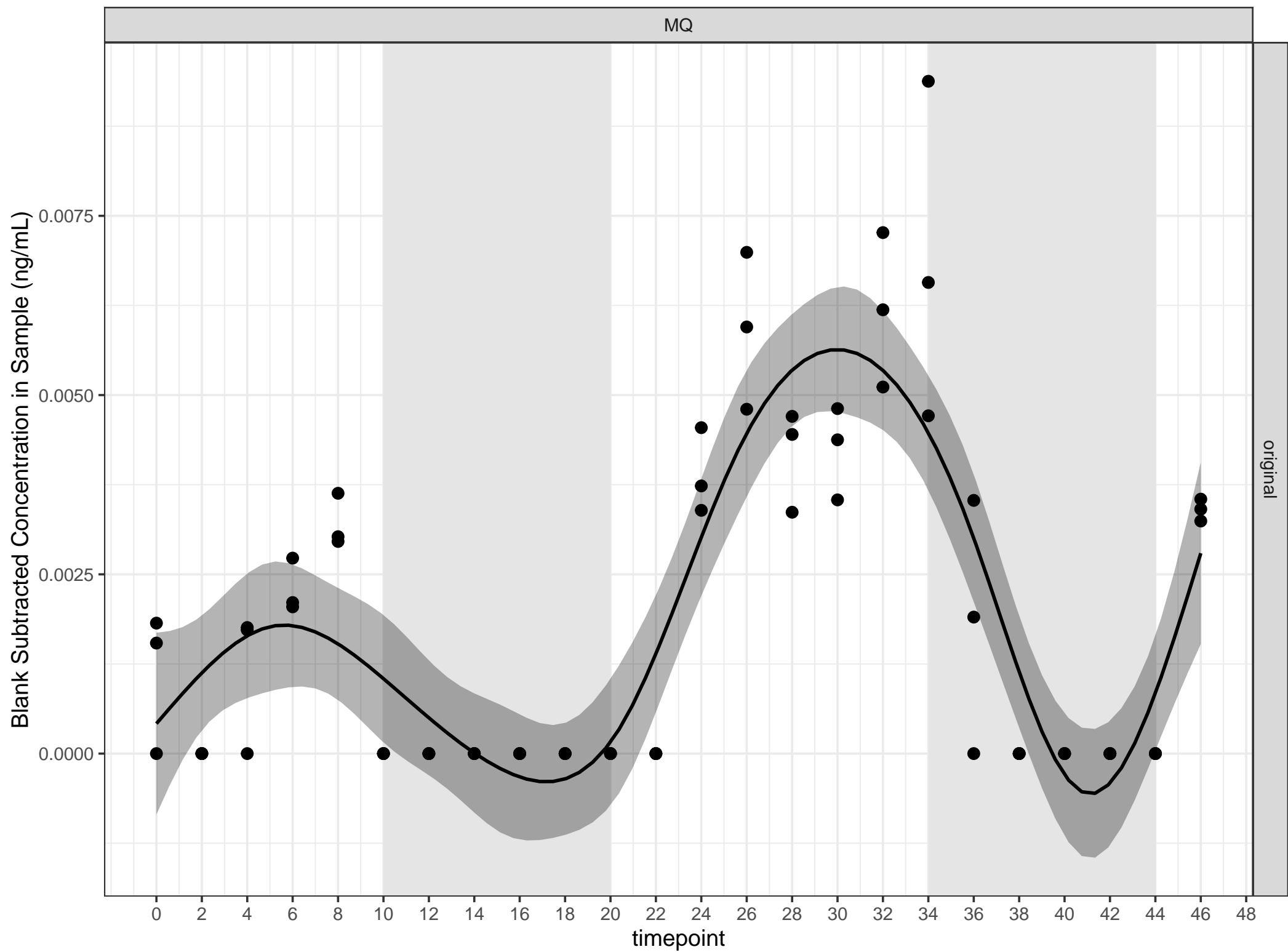




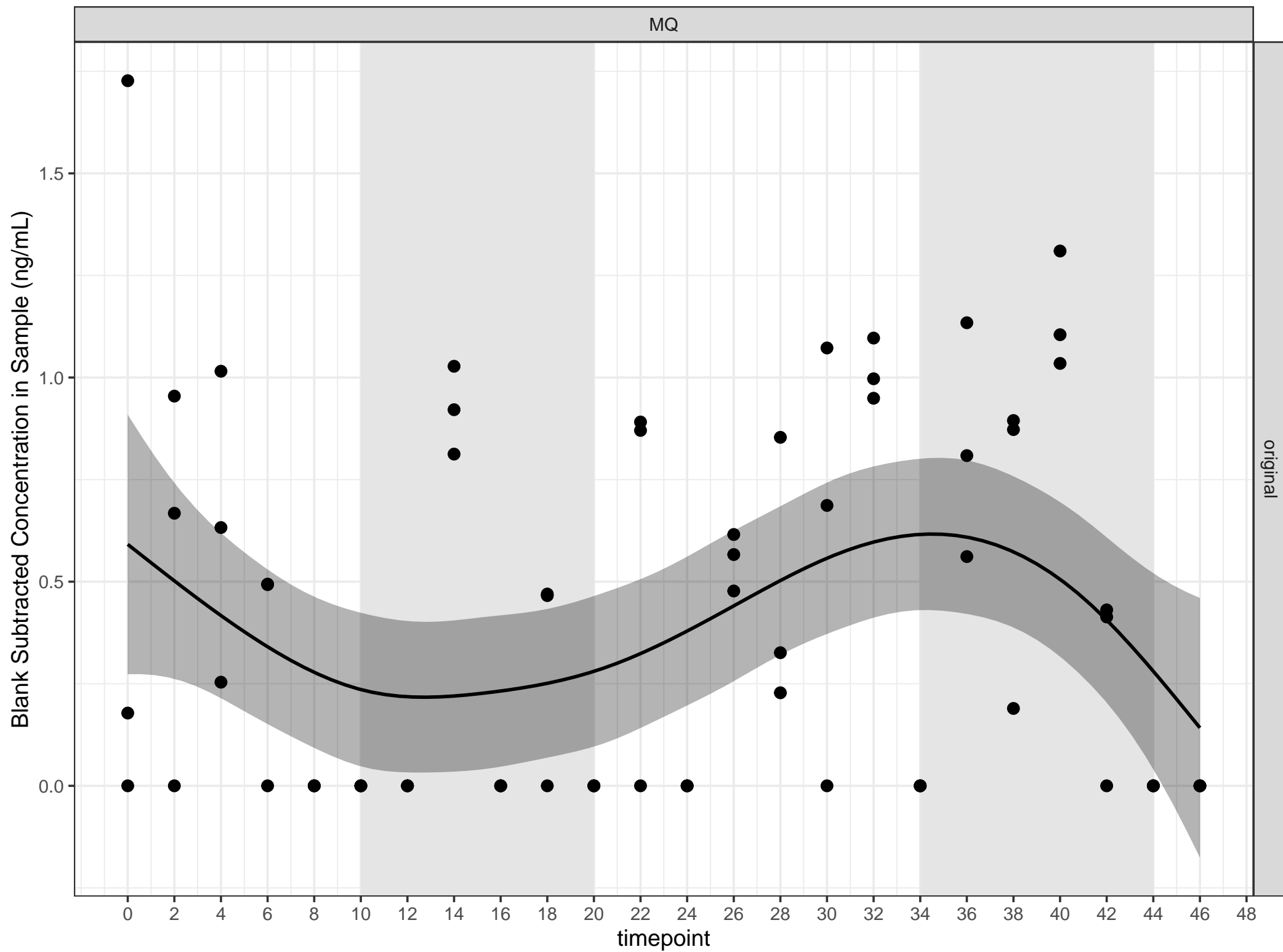
cytosine



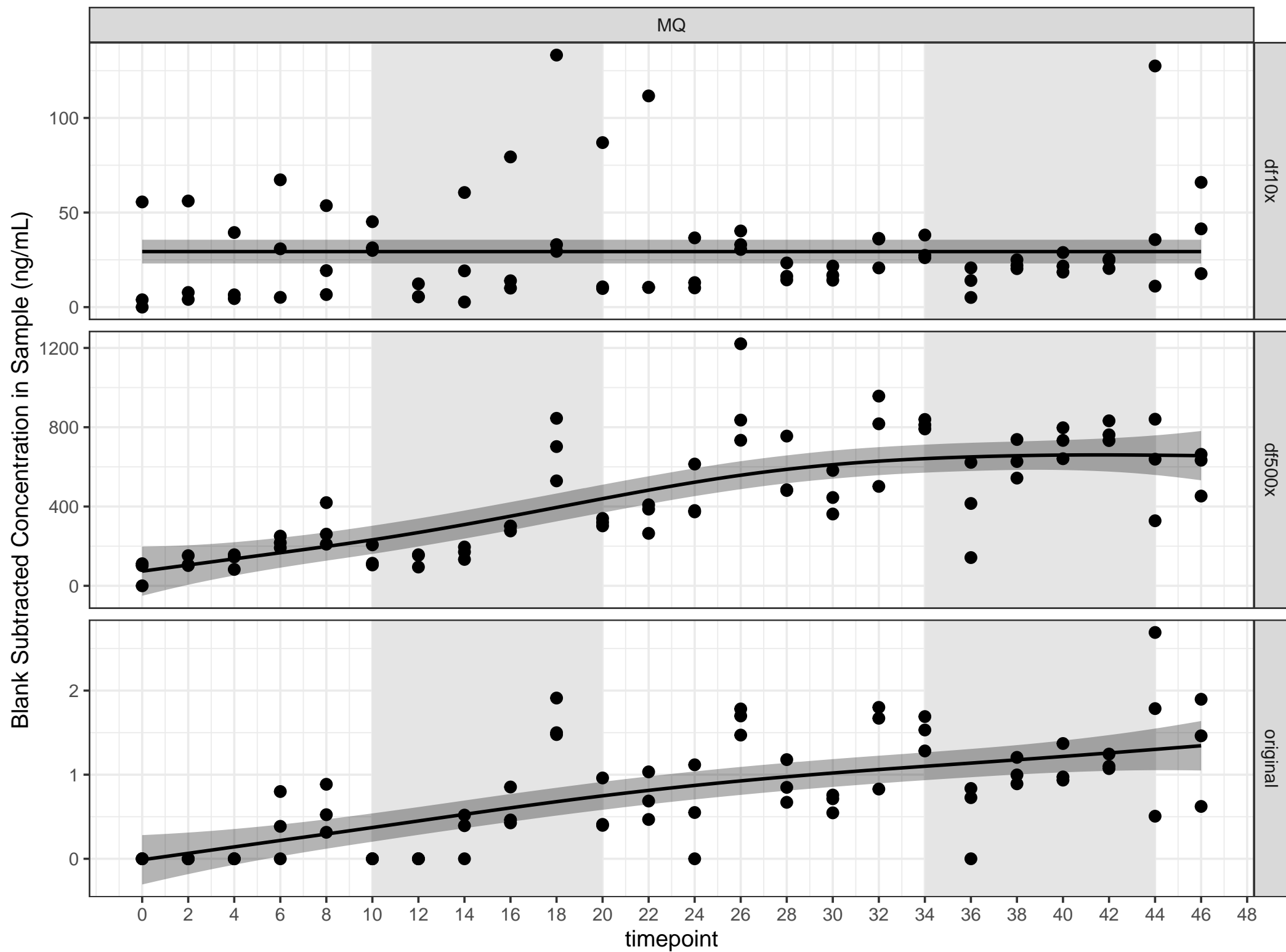
## desthiobiotin



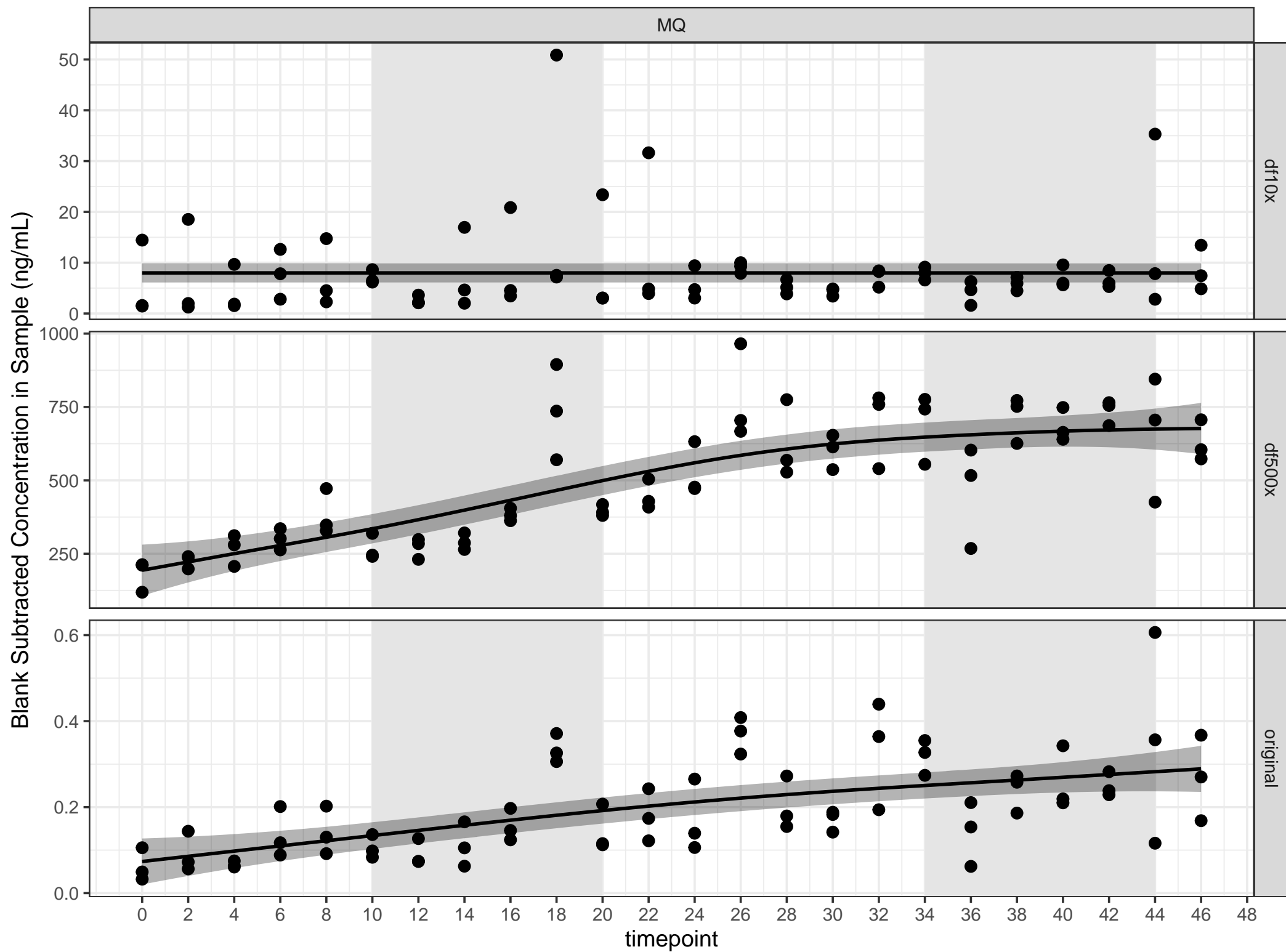
## fructose 1\_6-bisphosphate



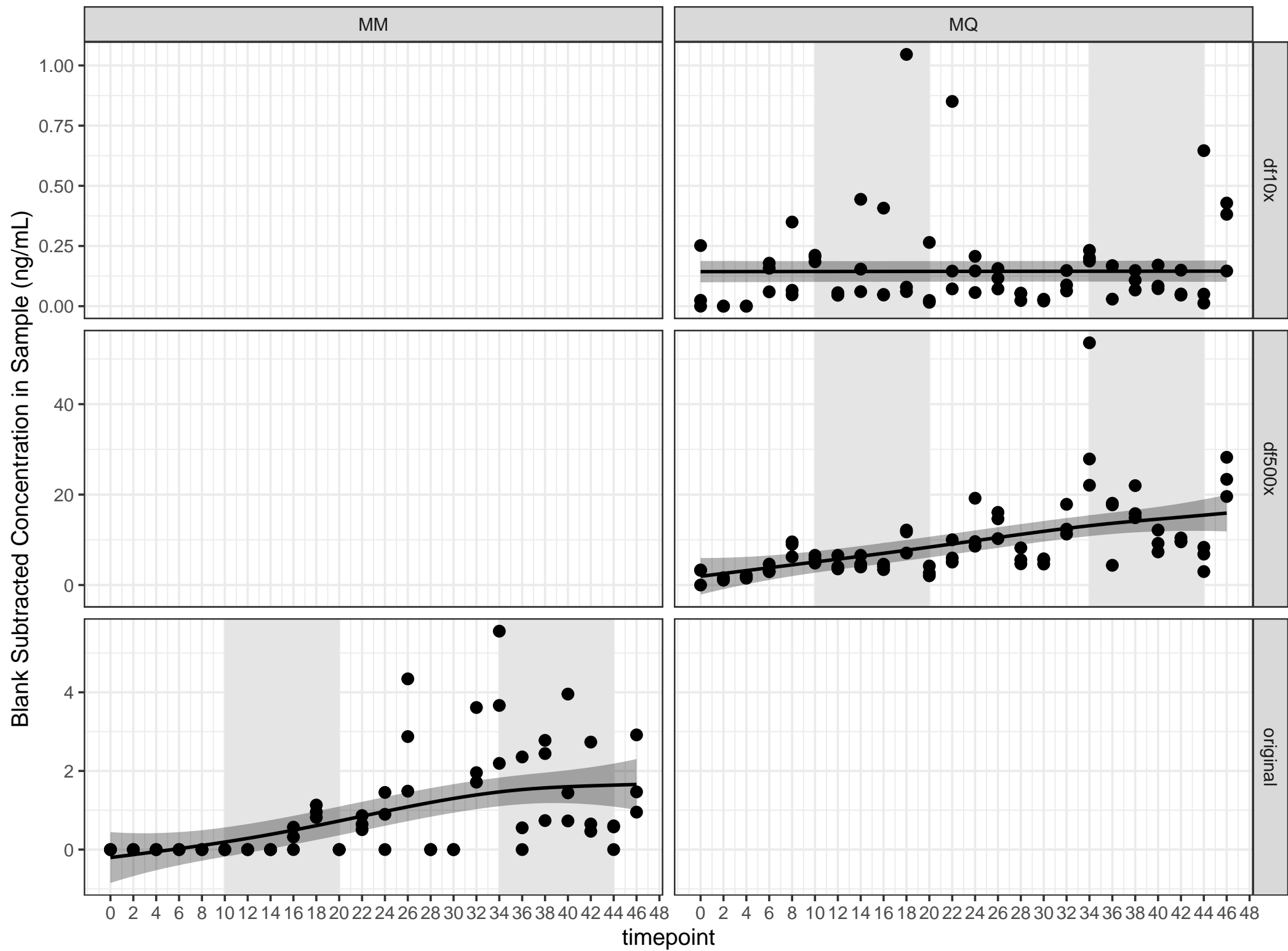
glutamic acid neg



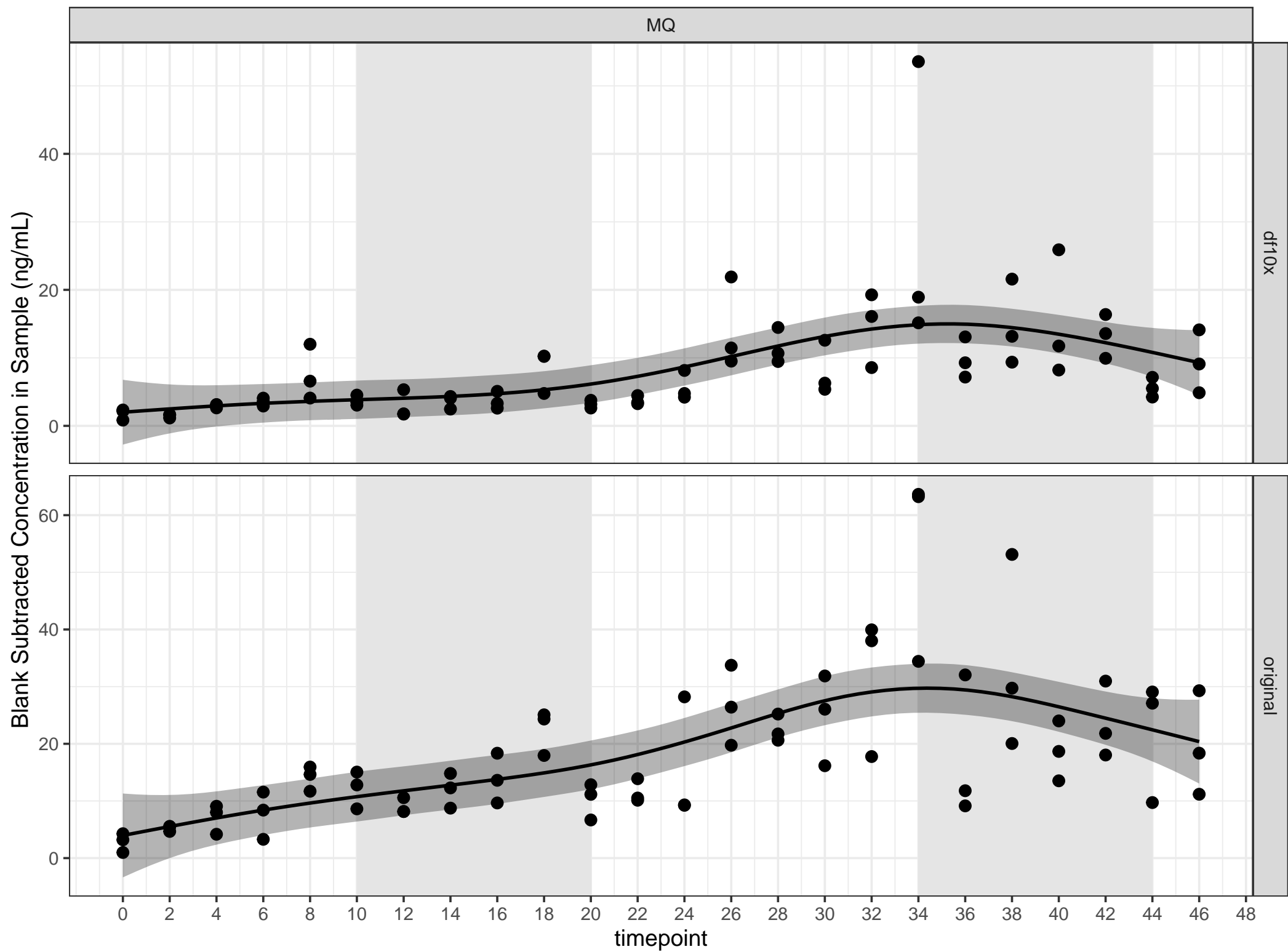
# glutamic acid pos



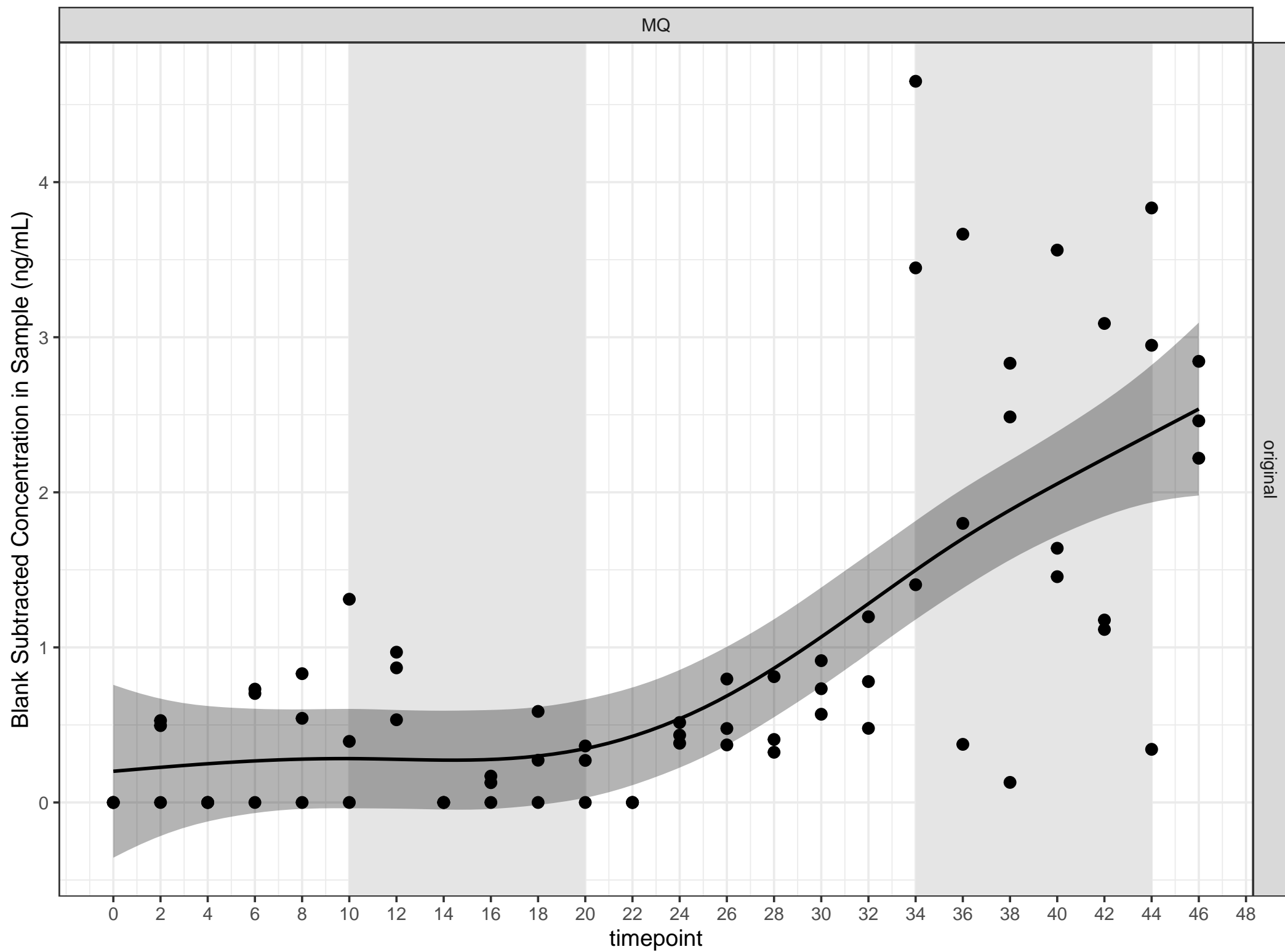
# glutamine



# glutathione oxidized

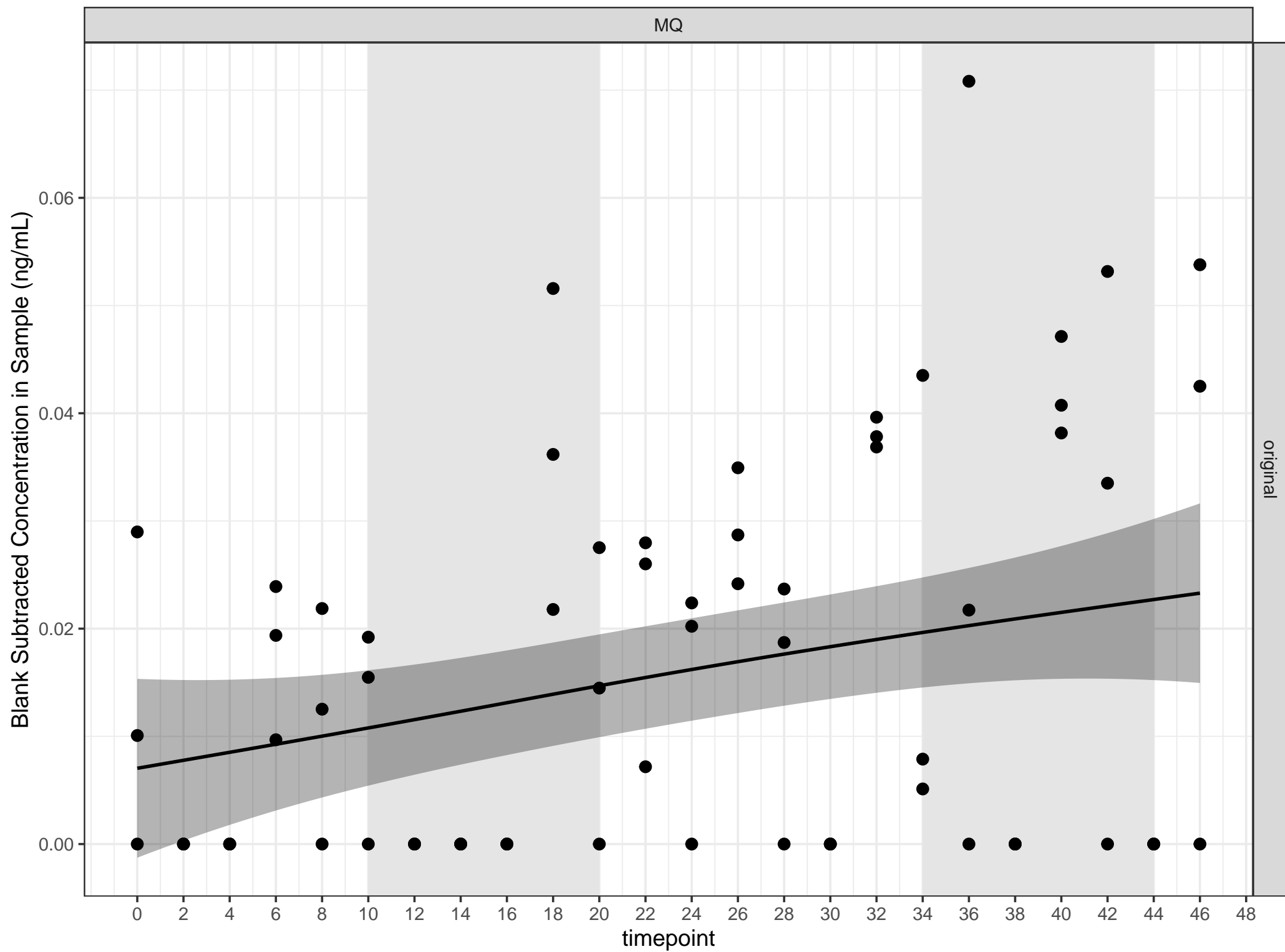


glutathione pos

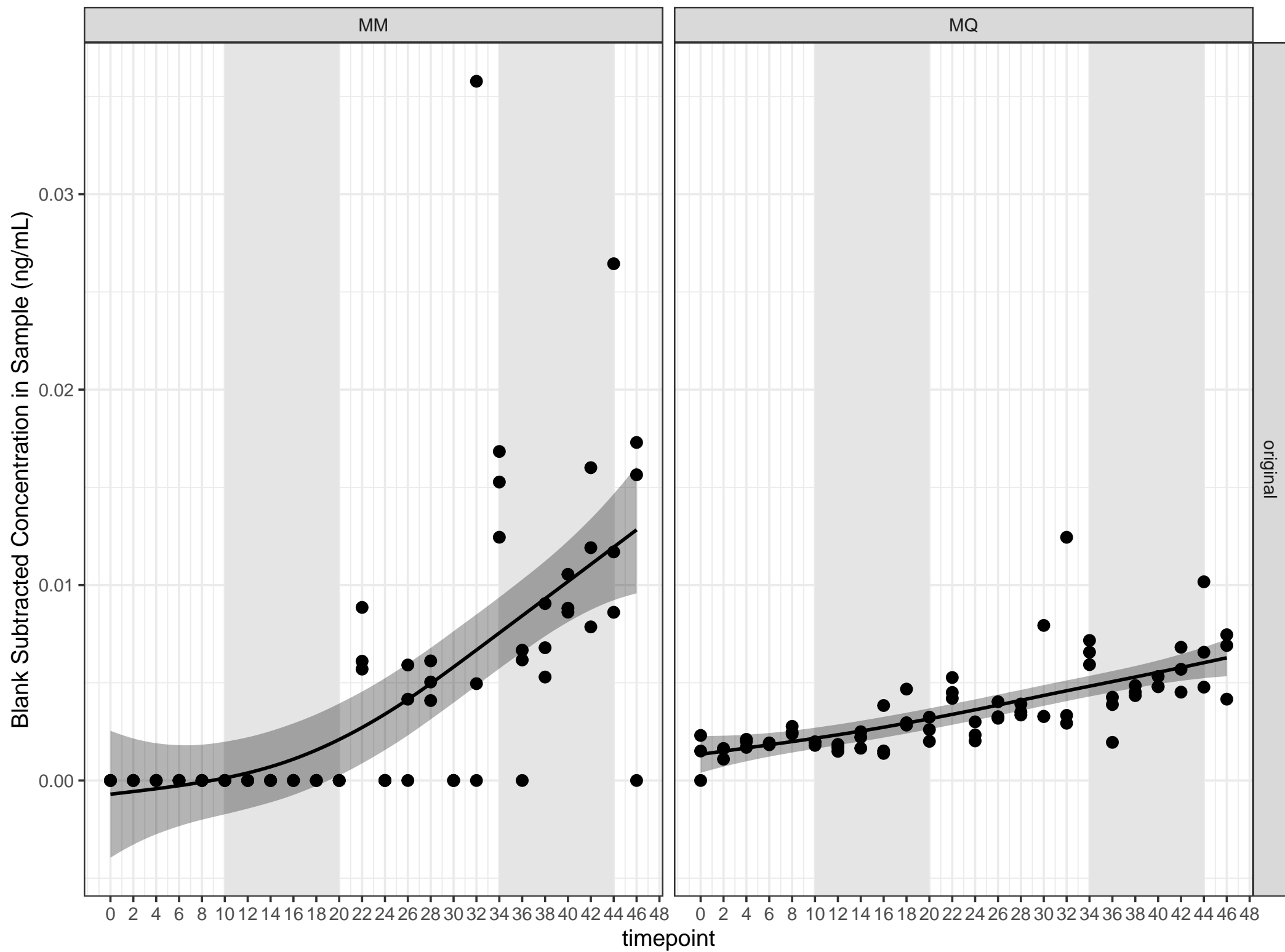




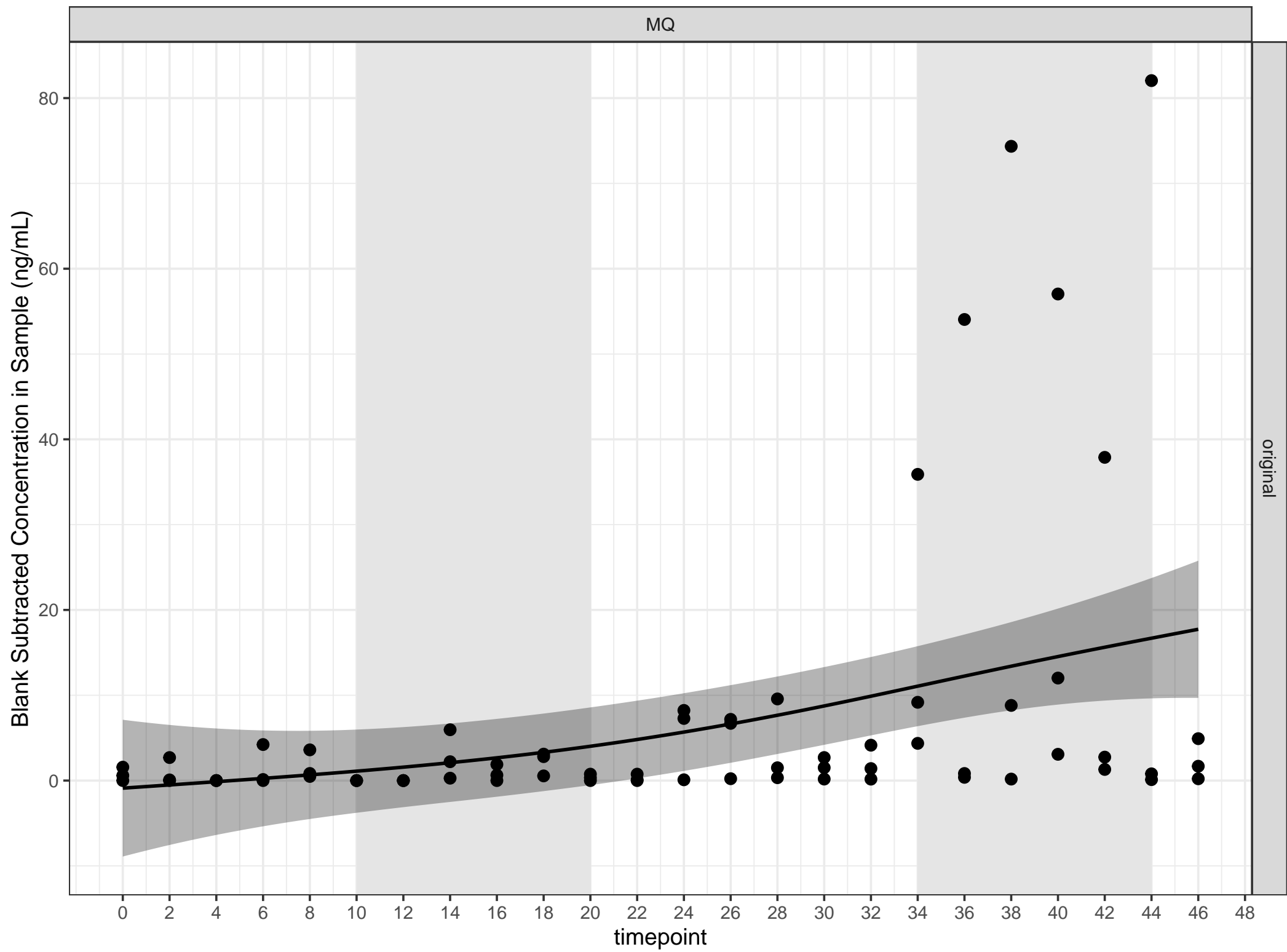
guanine



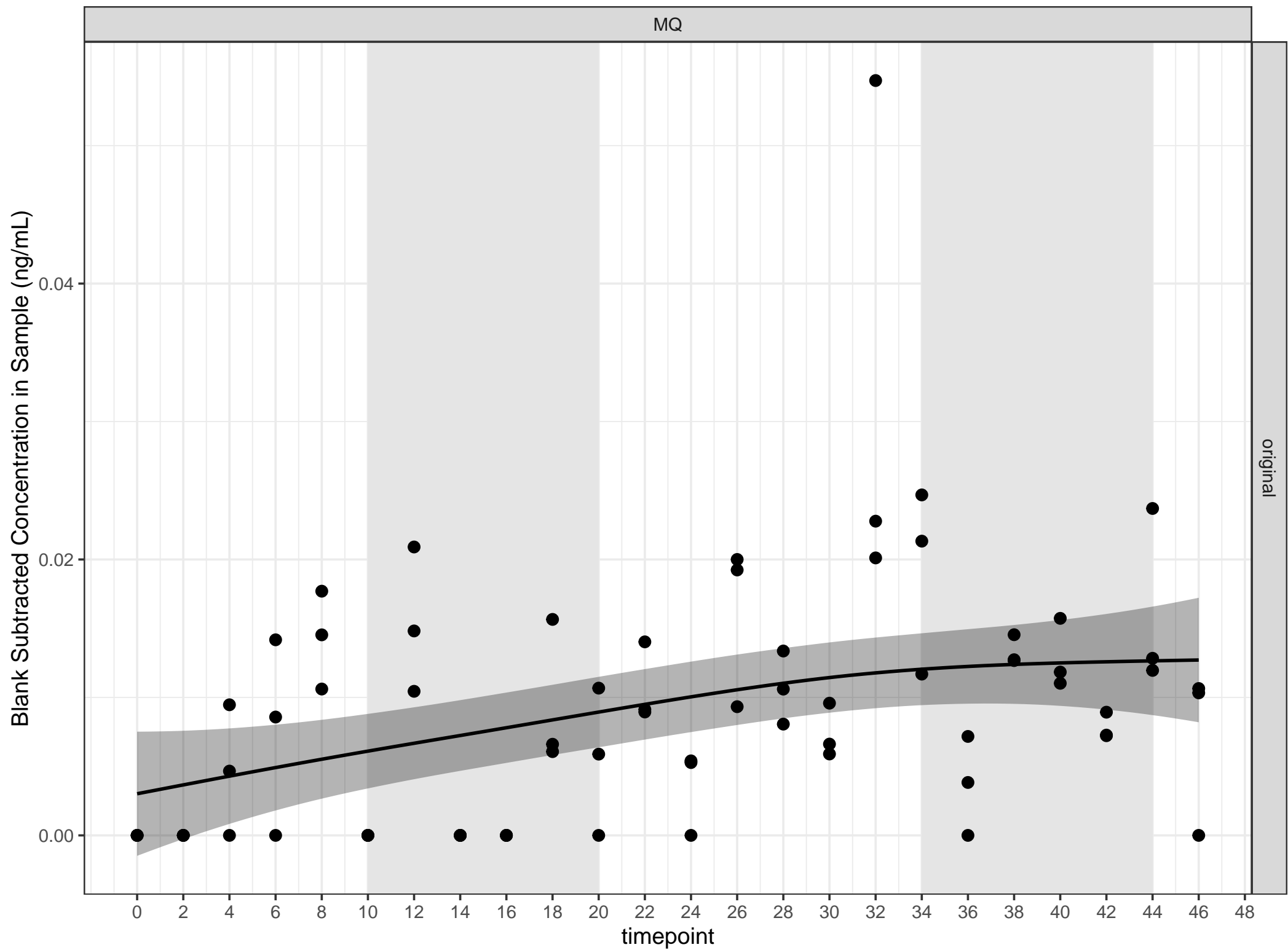
# guanosine pos



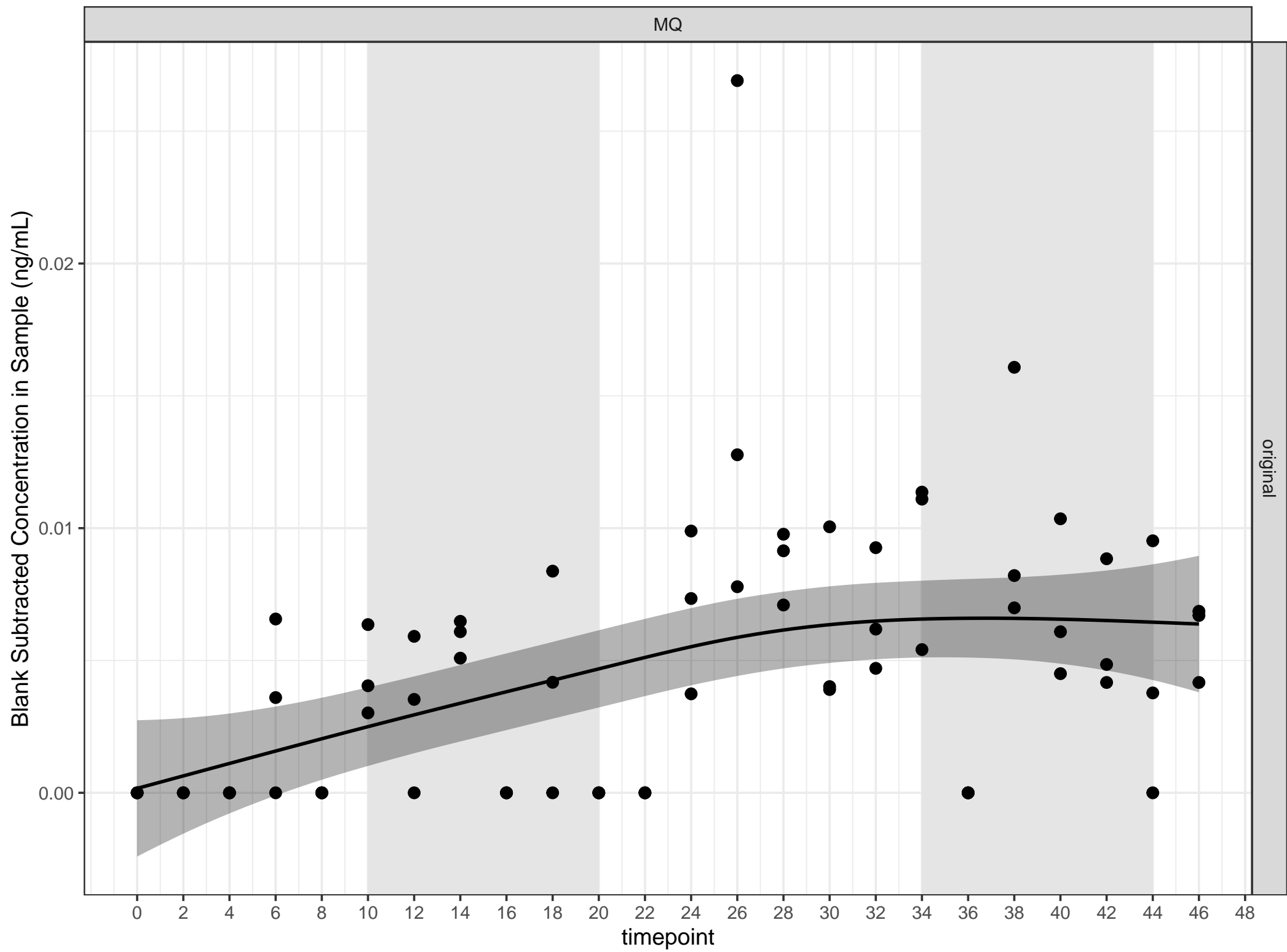
hemin



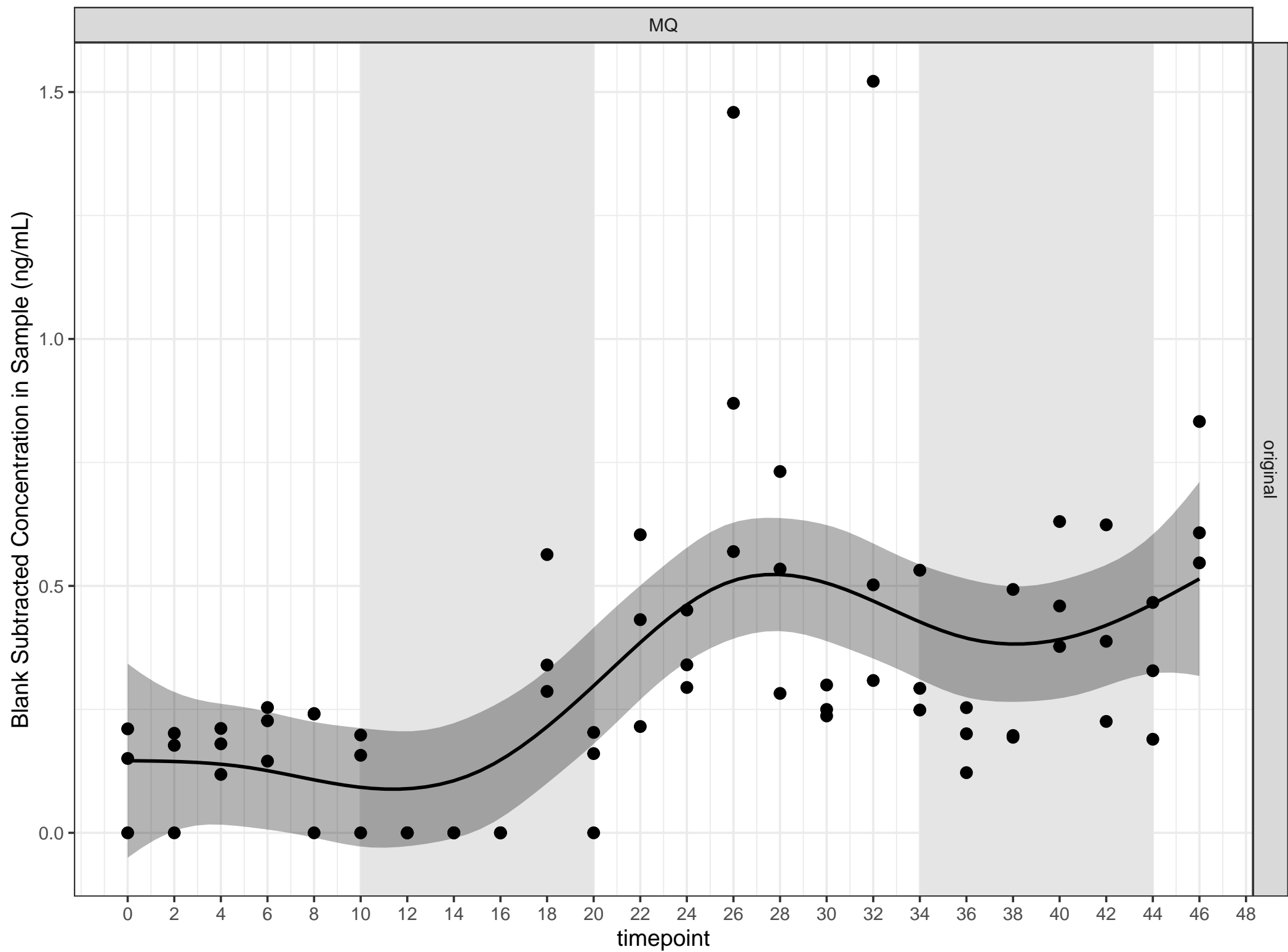
hexose-6-phosphate



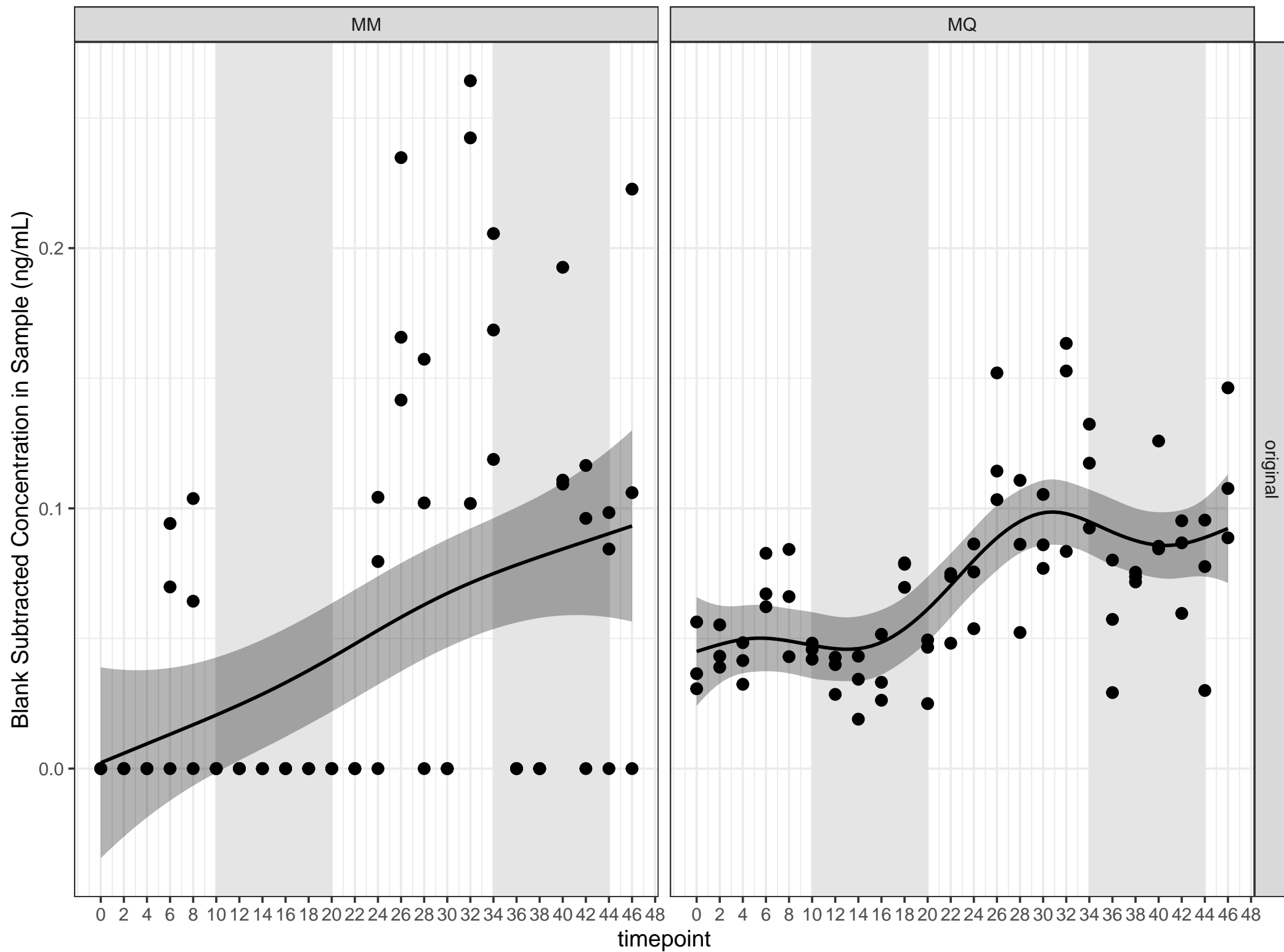
# homocysteine



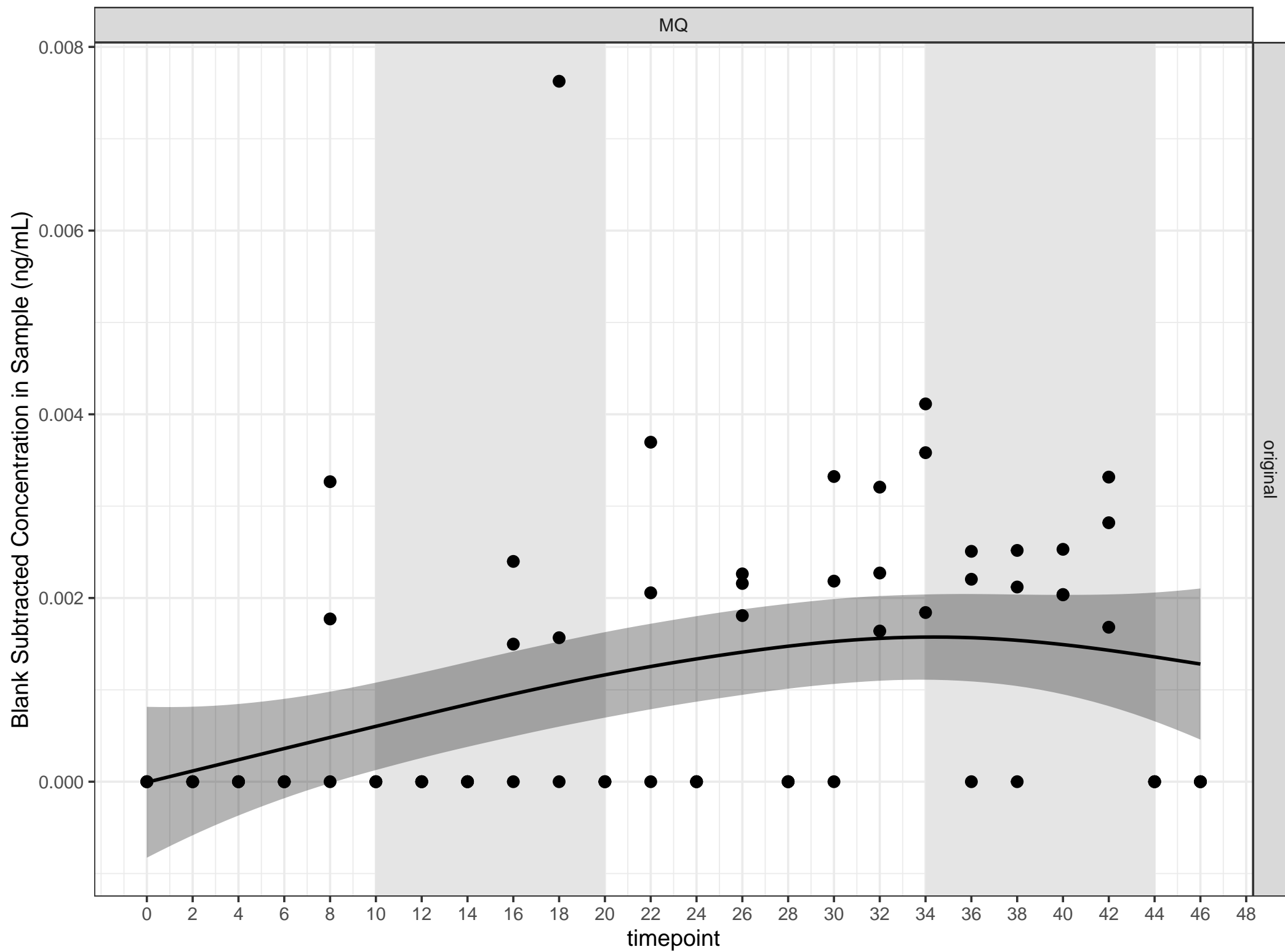
# inosine 5-monophosphate pos



# isoleucine

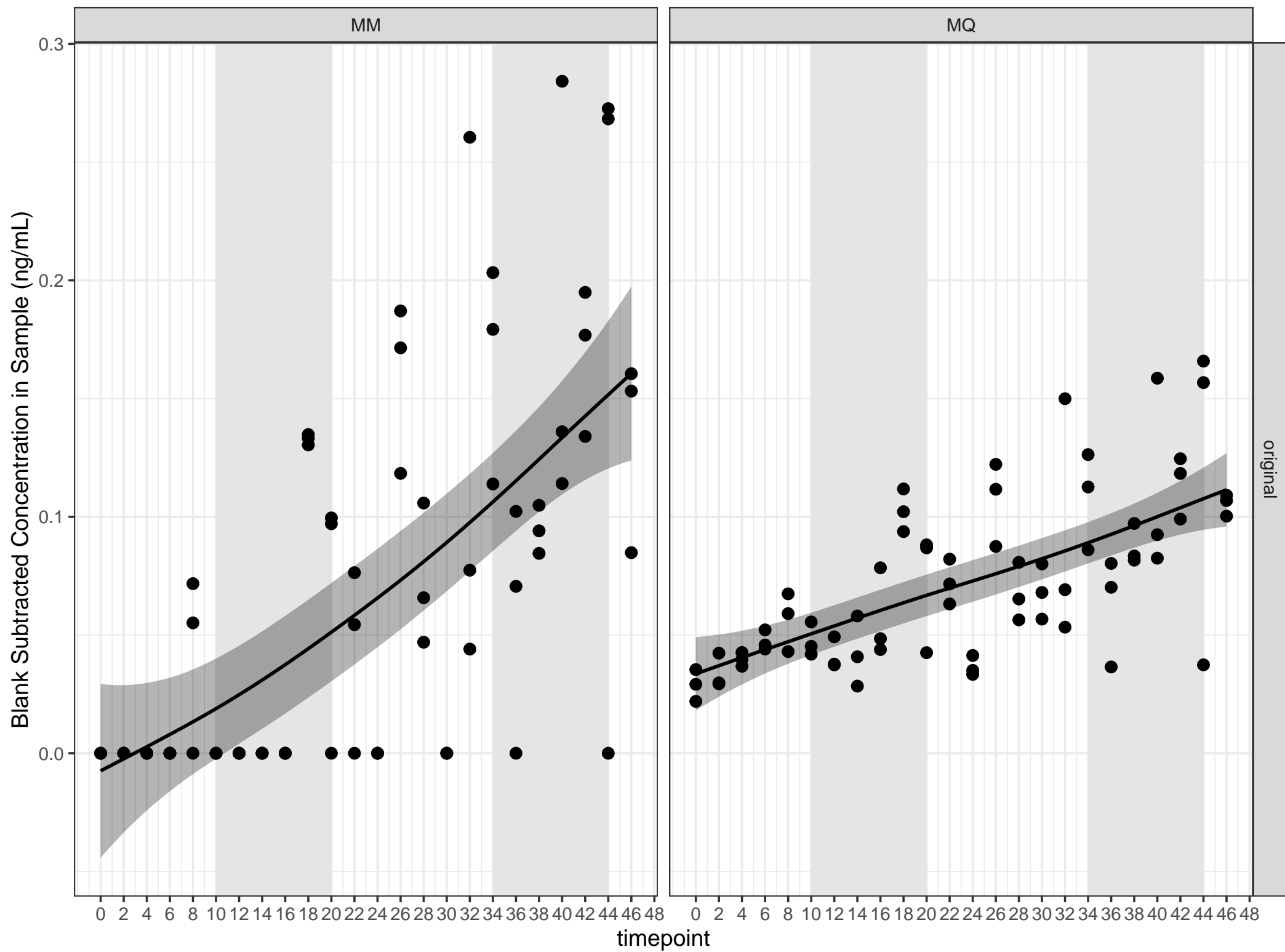


## kynurenine

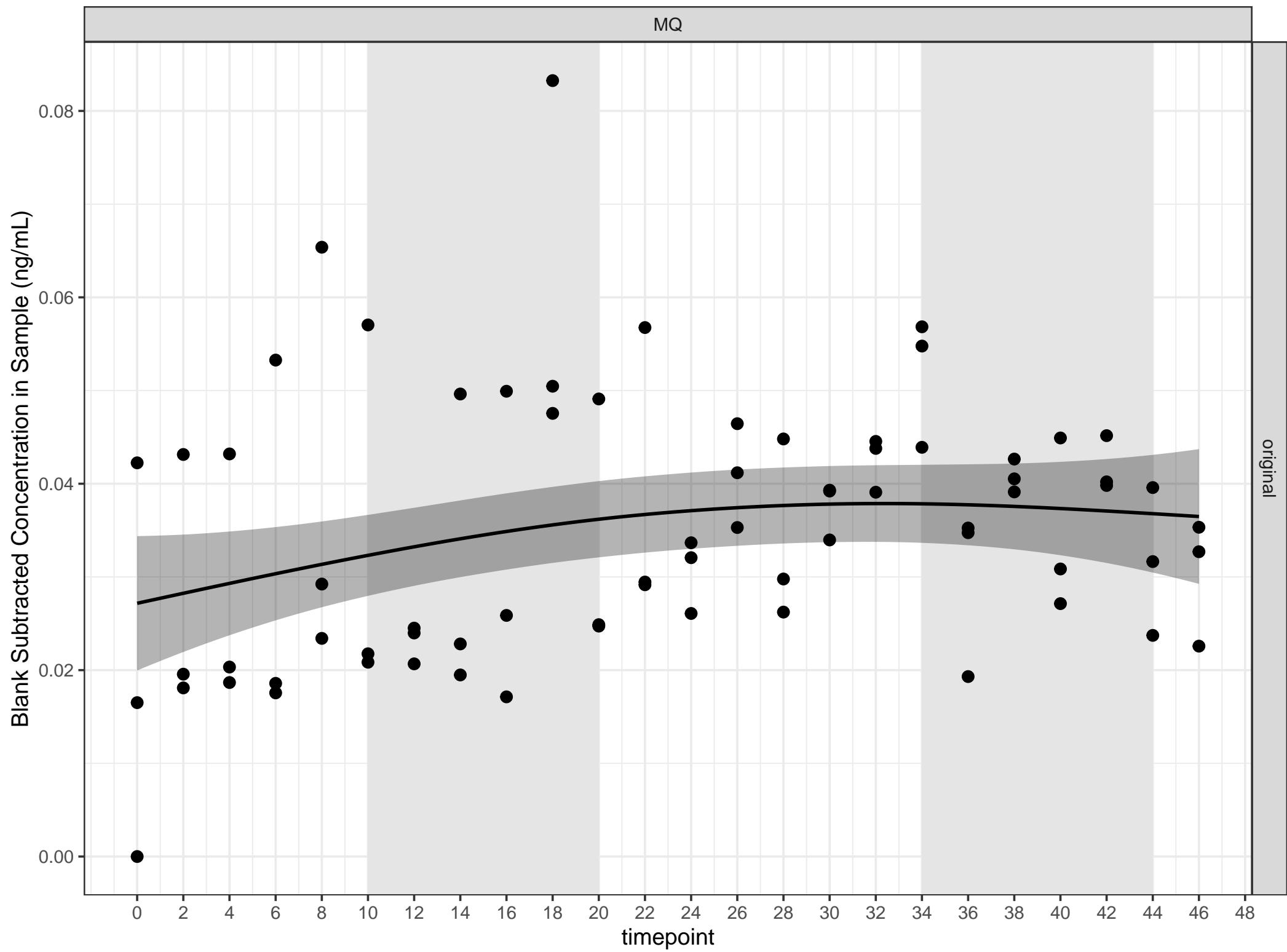




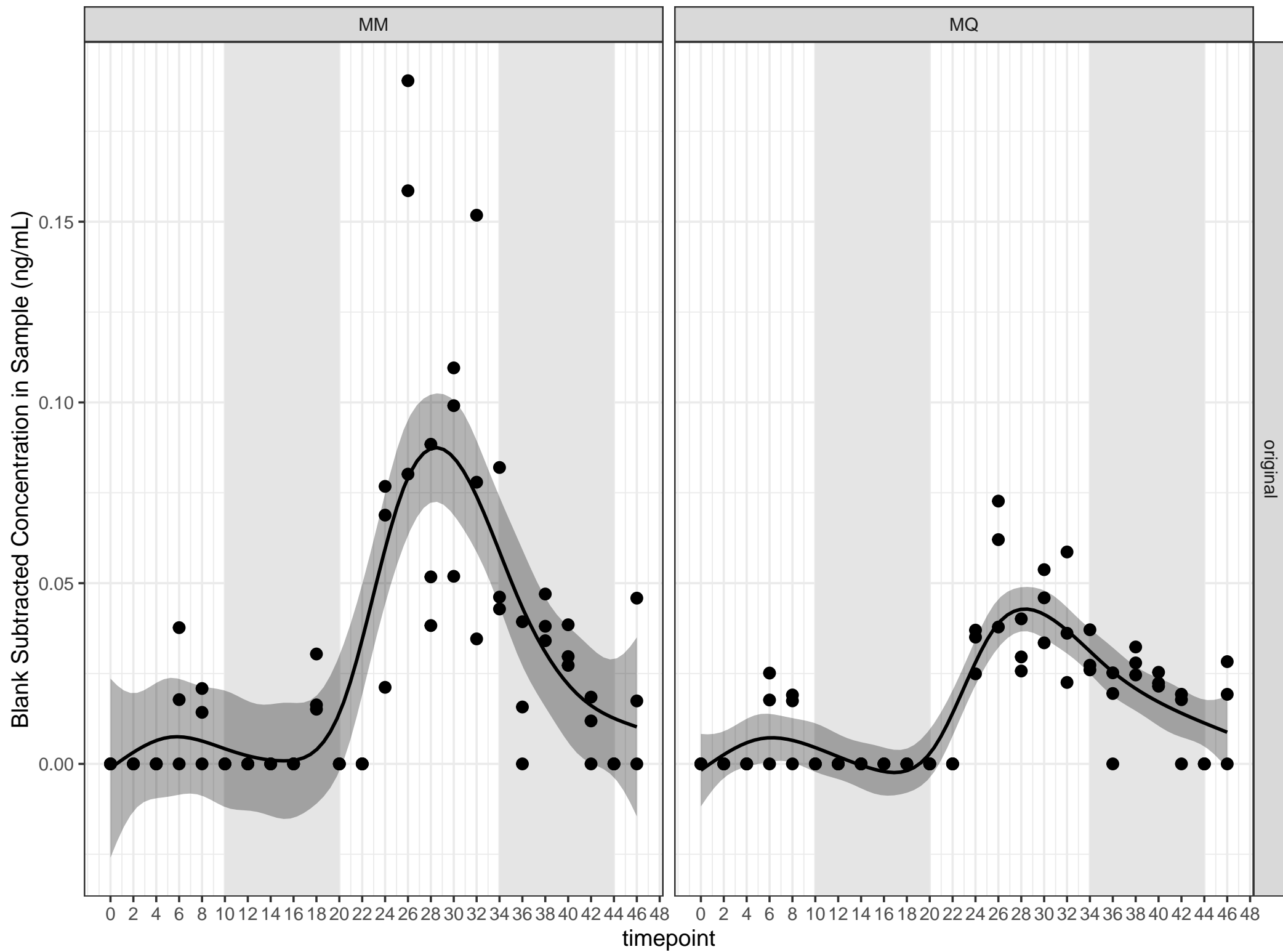
# leucine

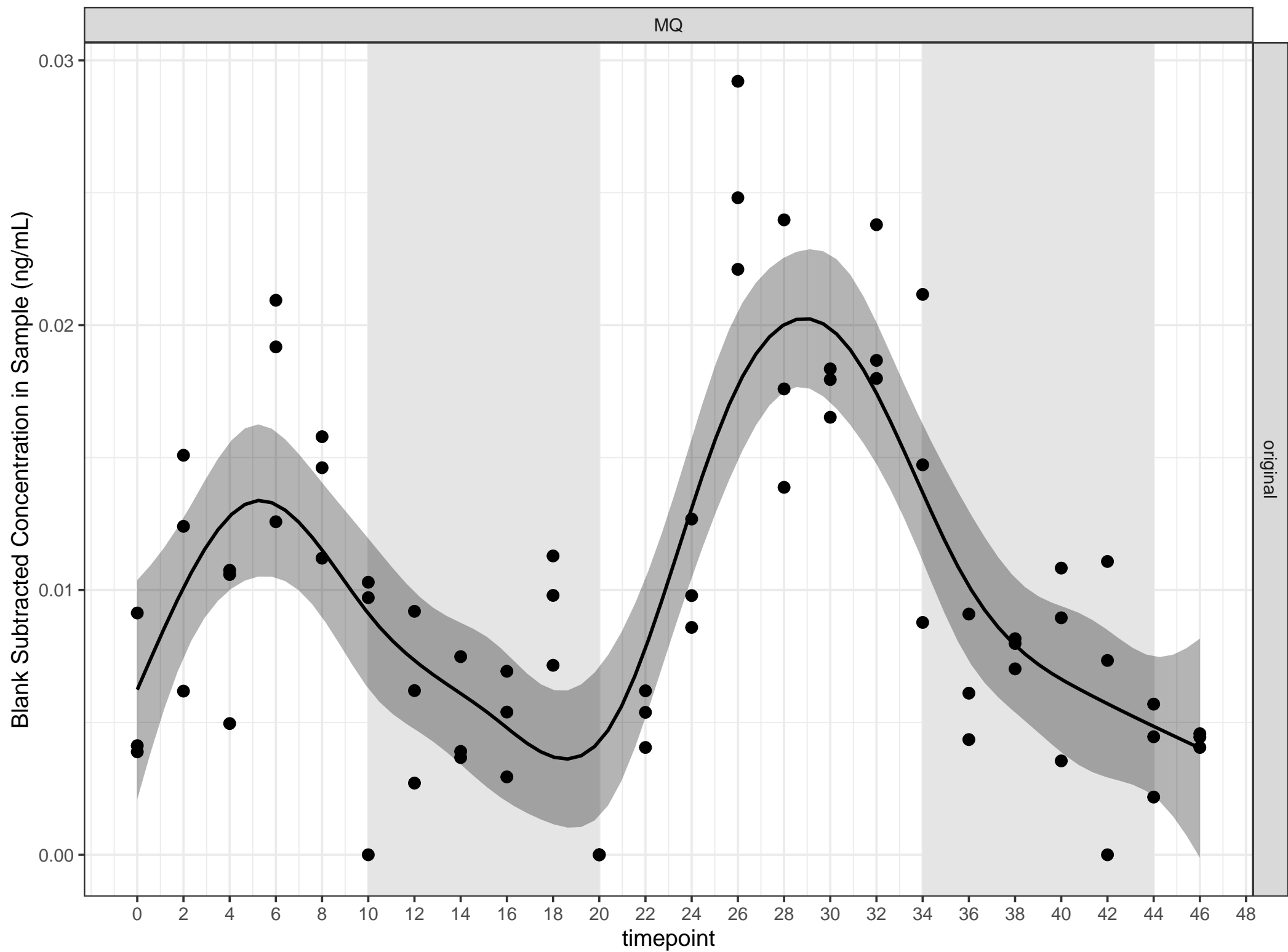


# Iumichrome

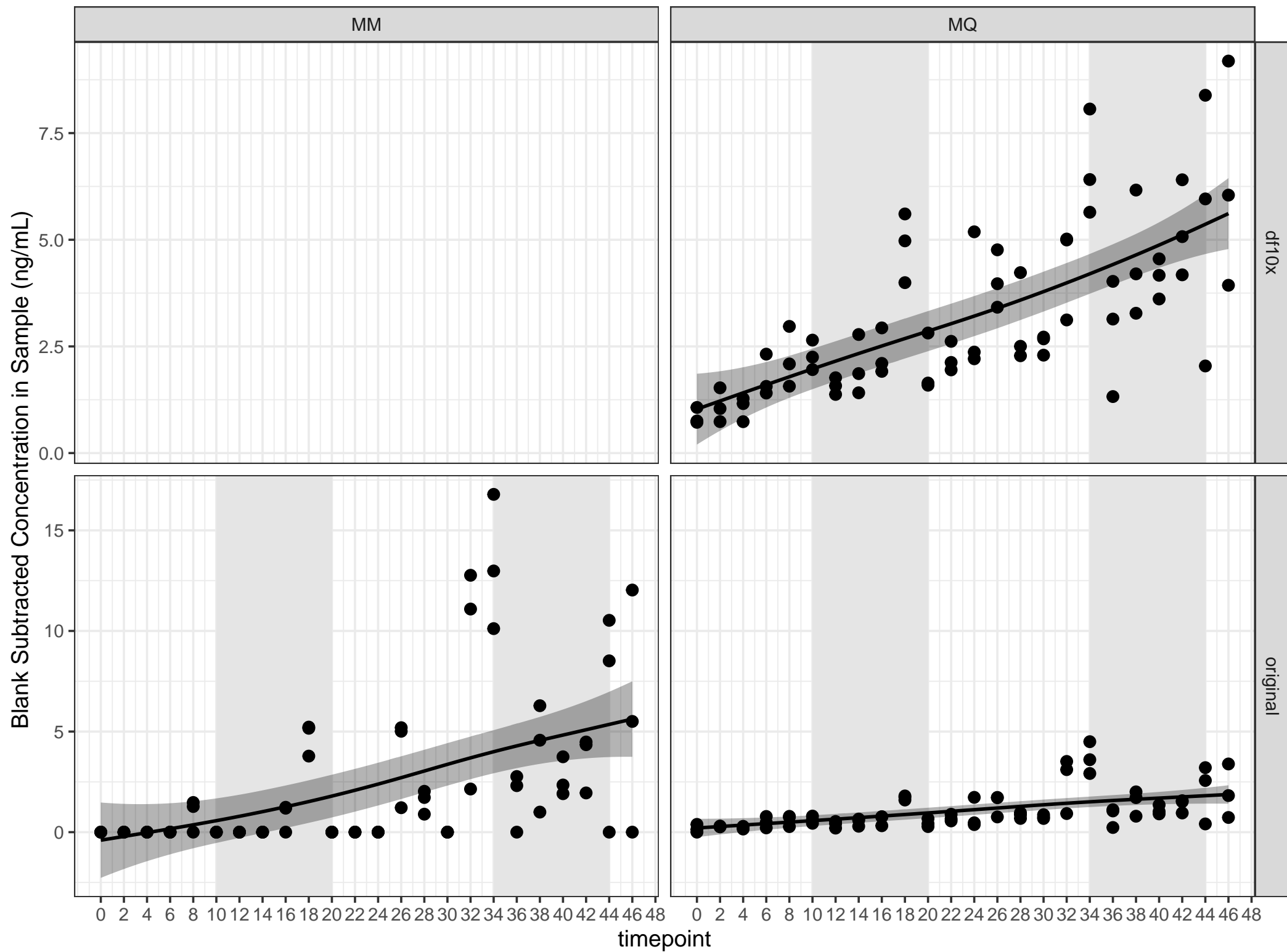


## methionine

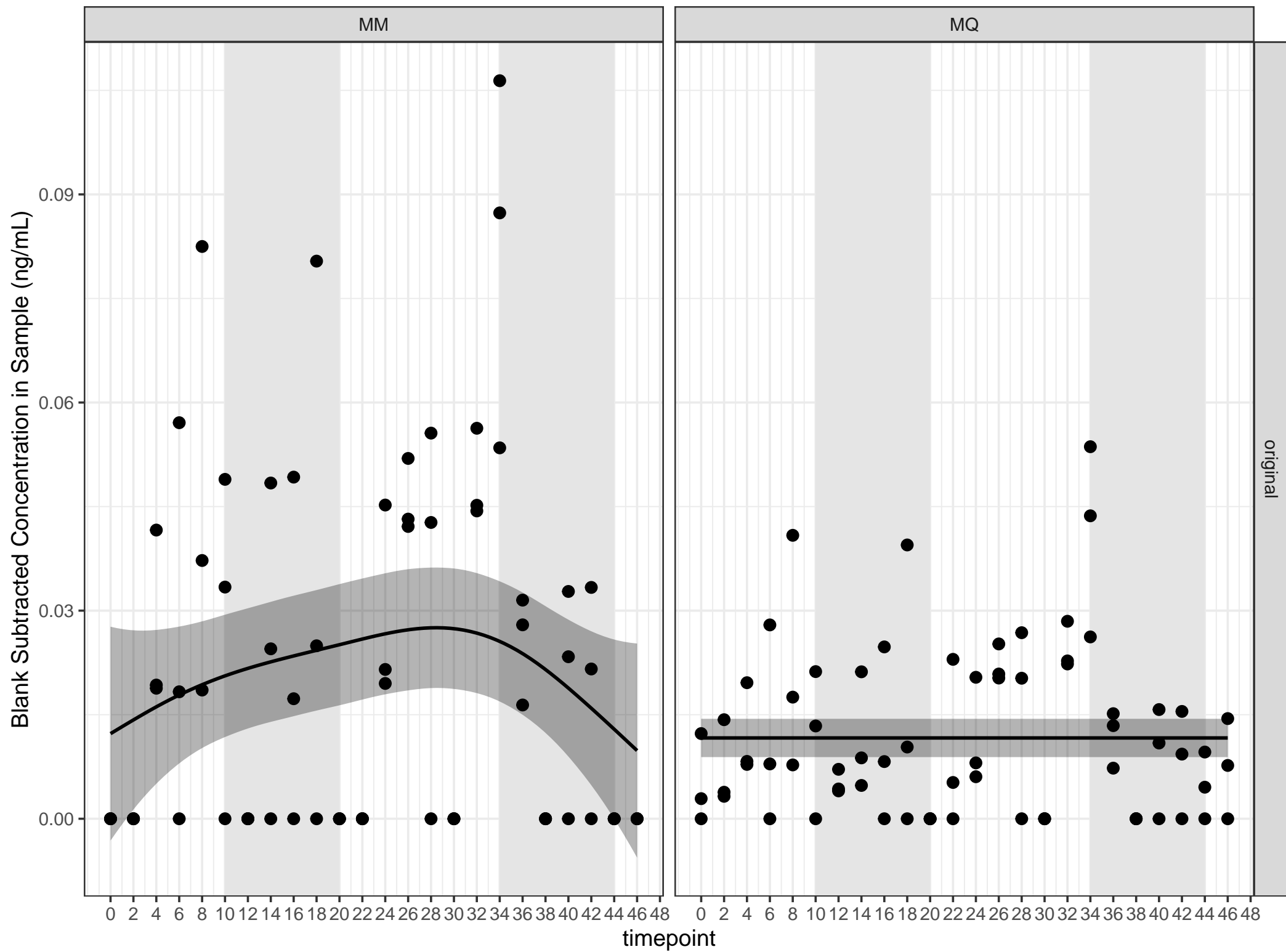




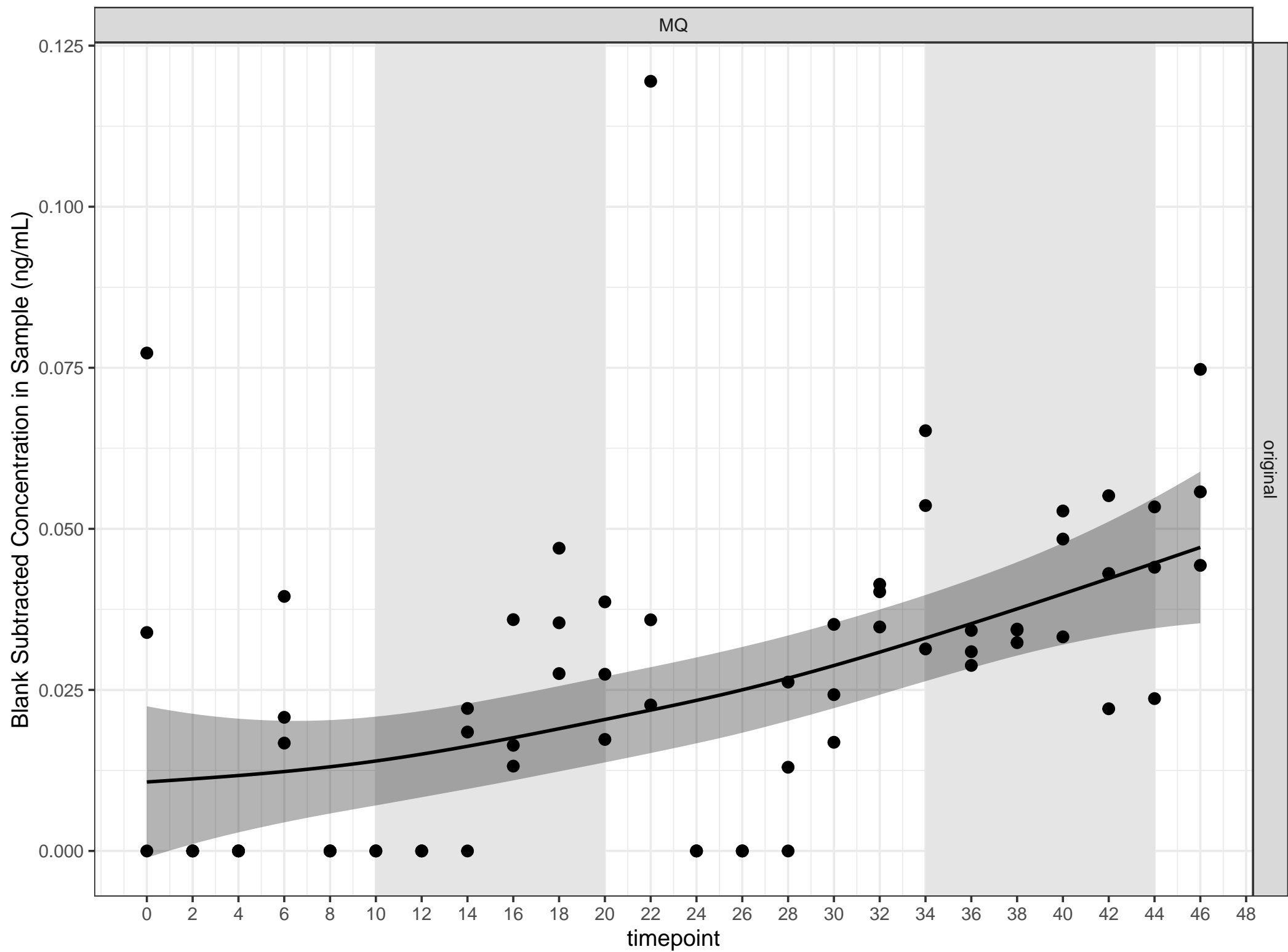
# n-acetylglutamic acid



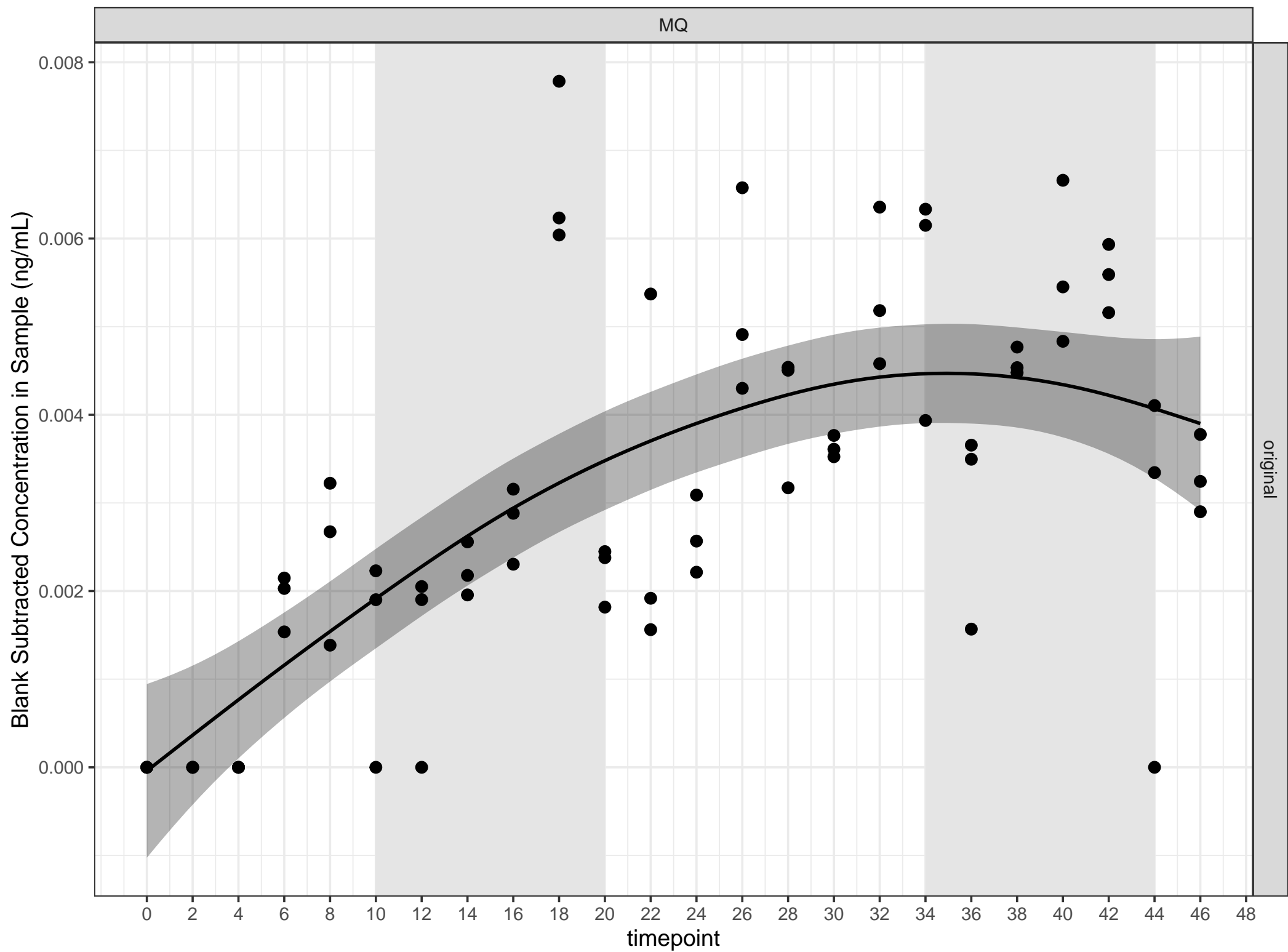
niacin



# nicotinamide

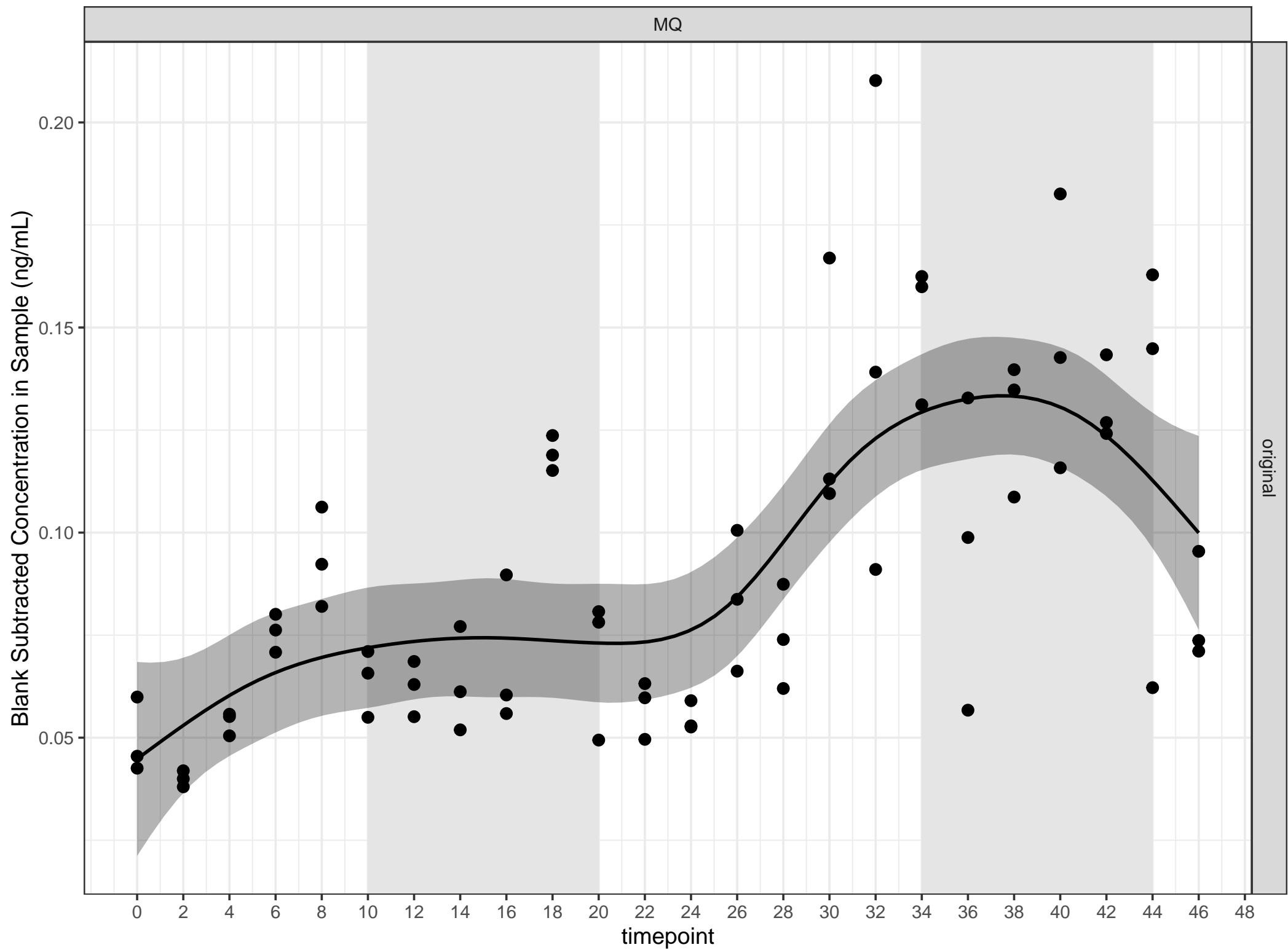


pantothenic acid neg

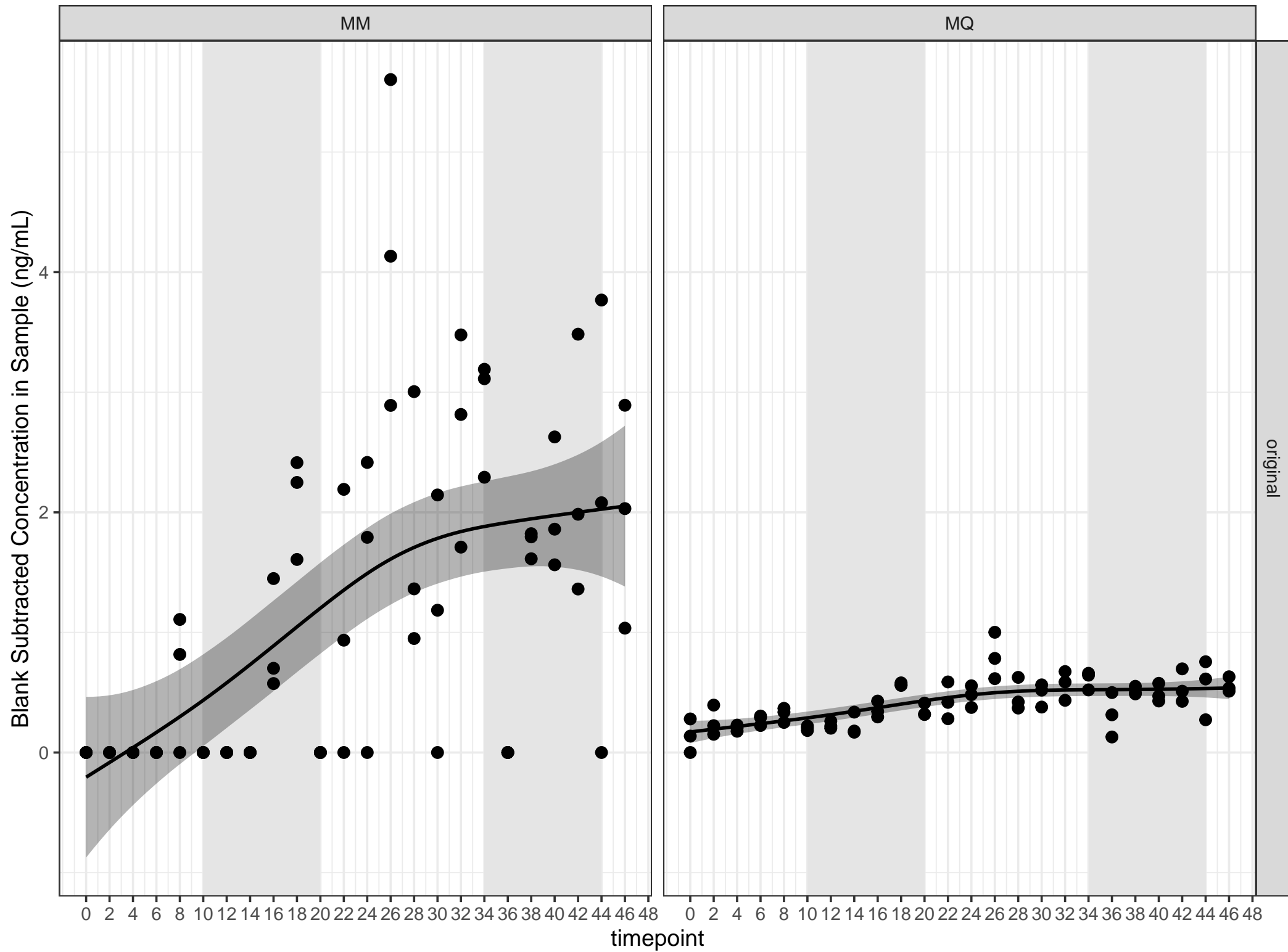




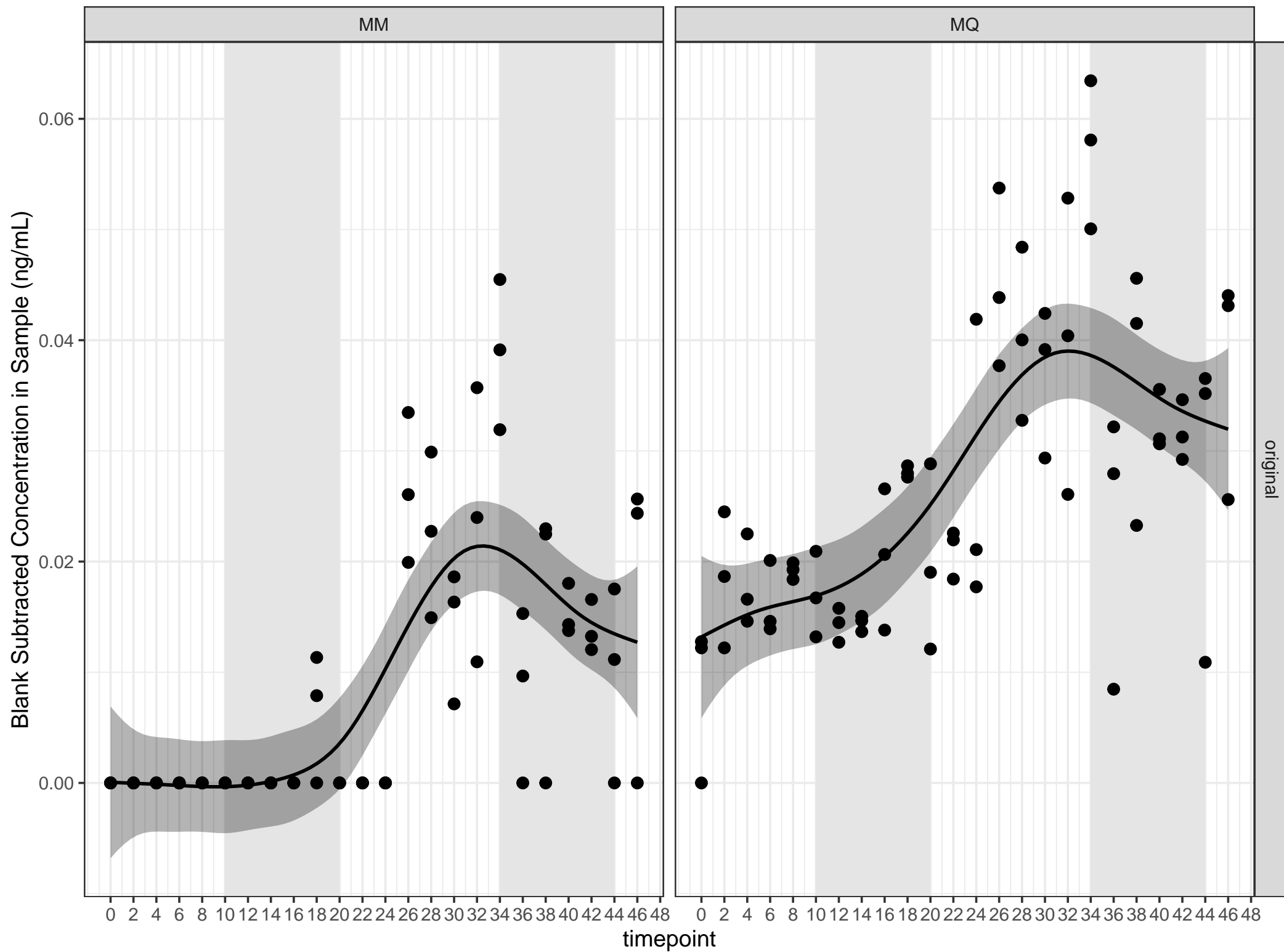
phenylalanine



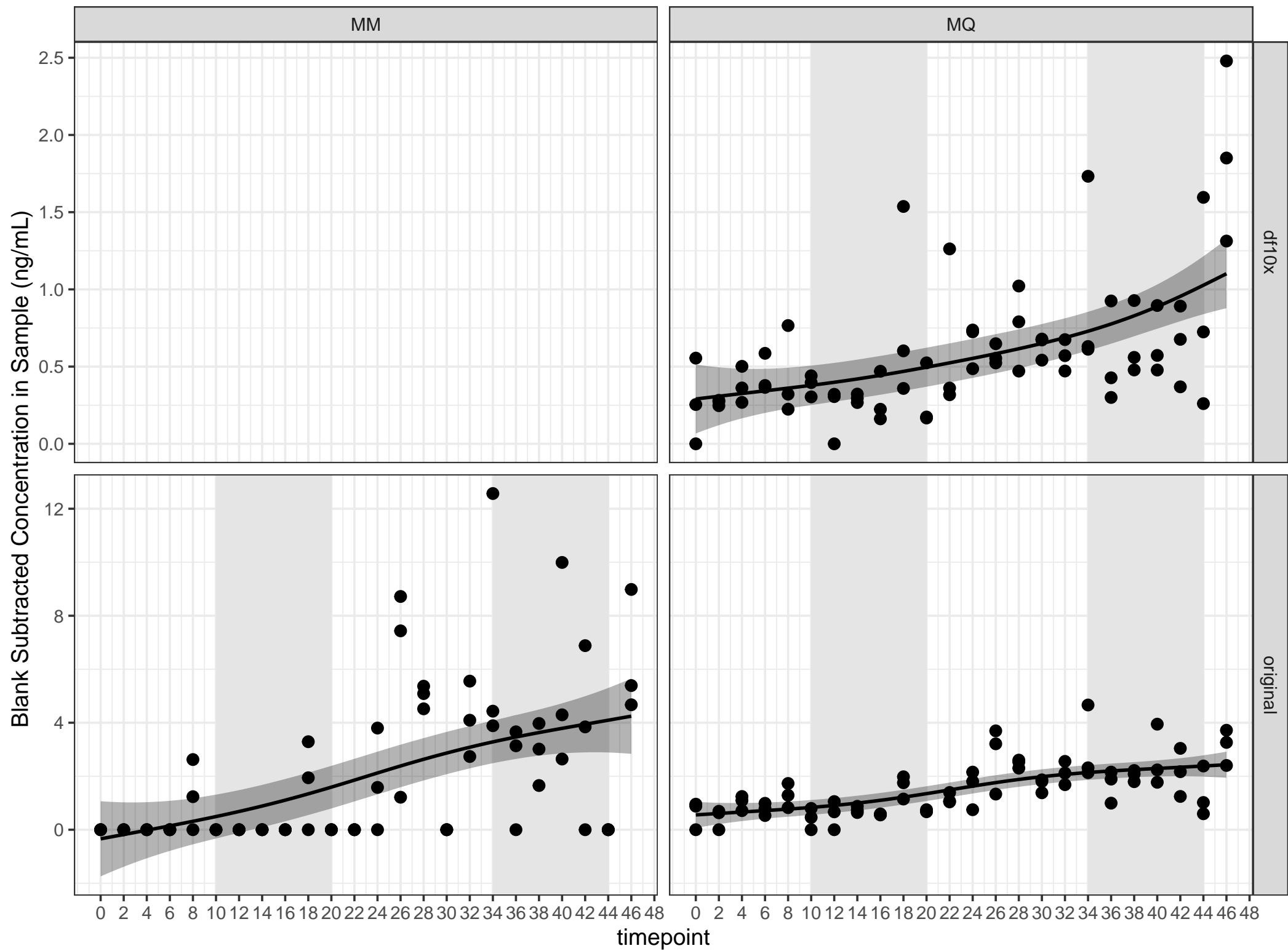
proline



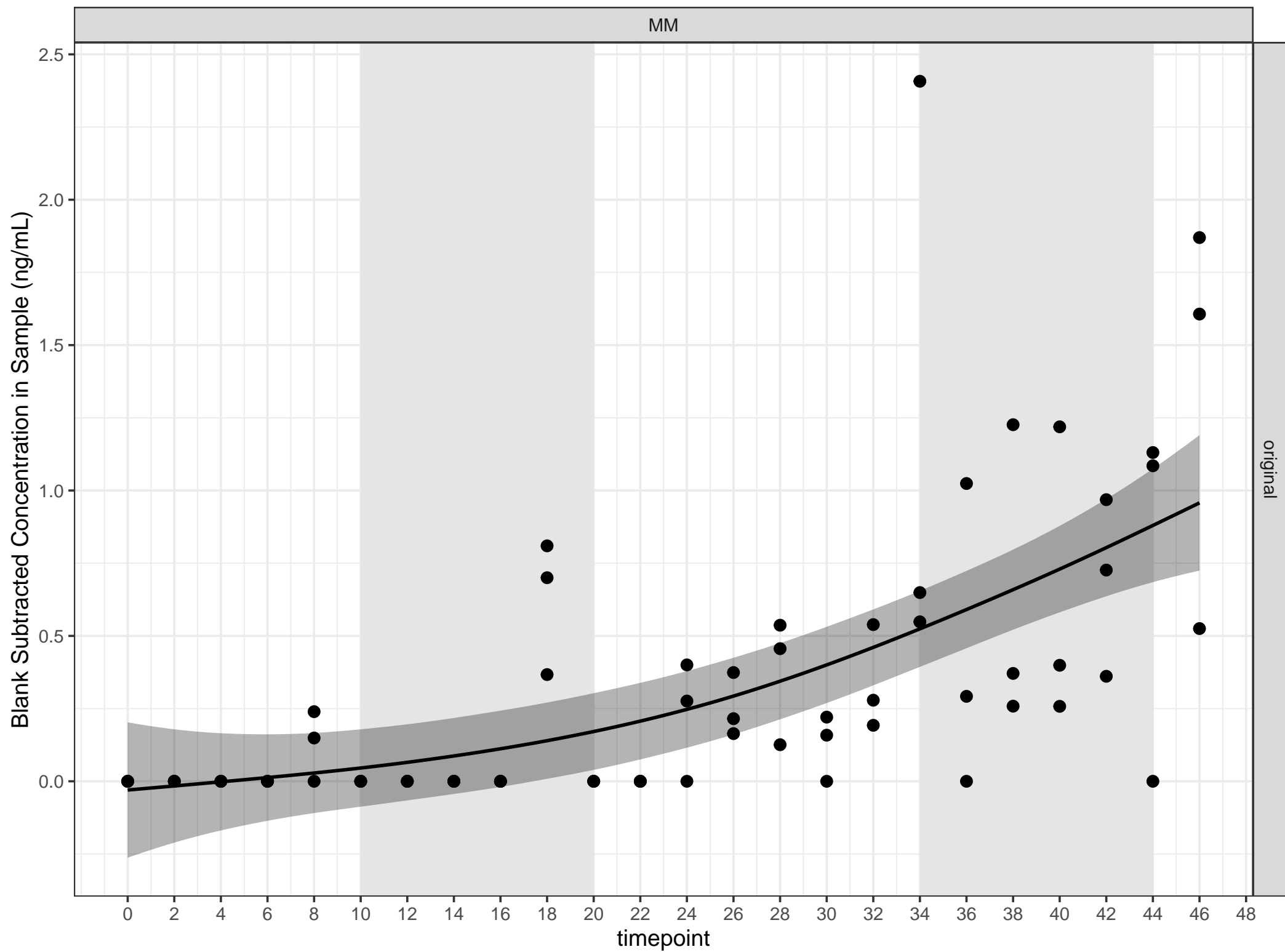
## s-(5'-adenosyl)-L-homocysteine pos



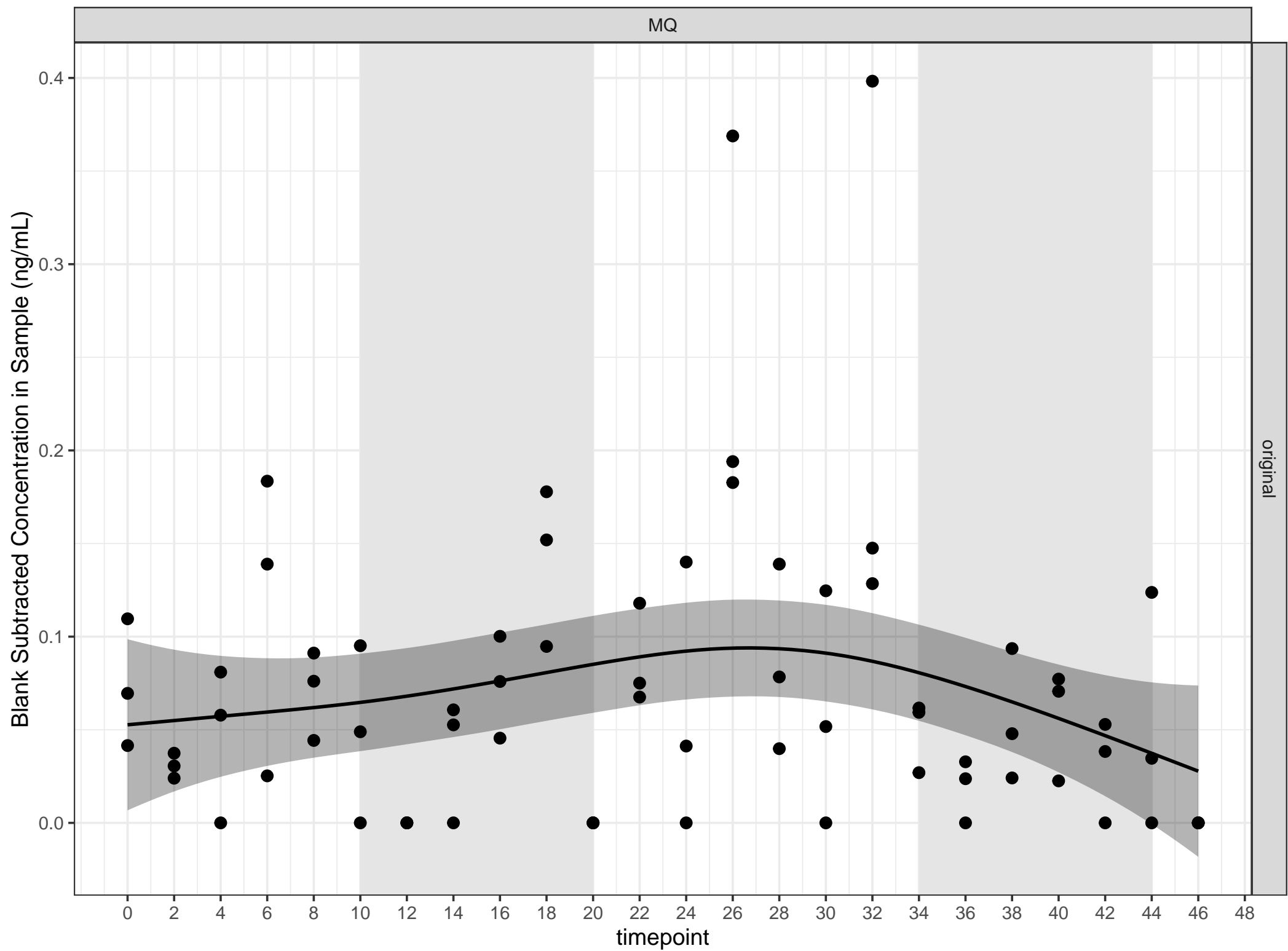
# s-adenosyl-l-methionine



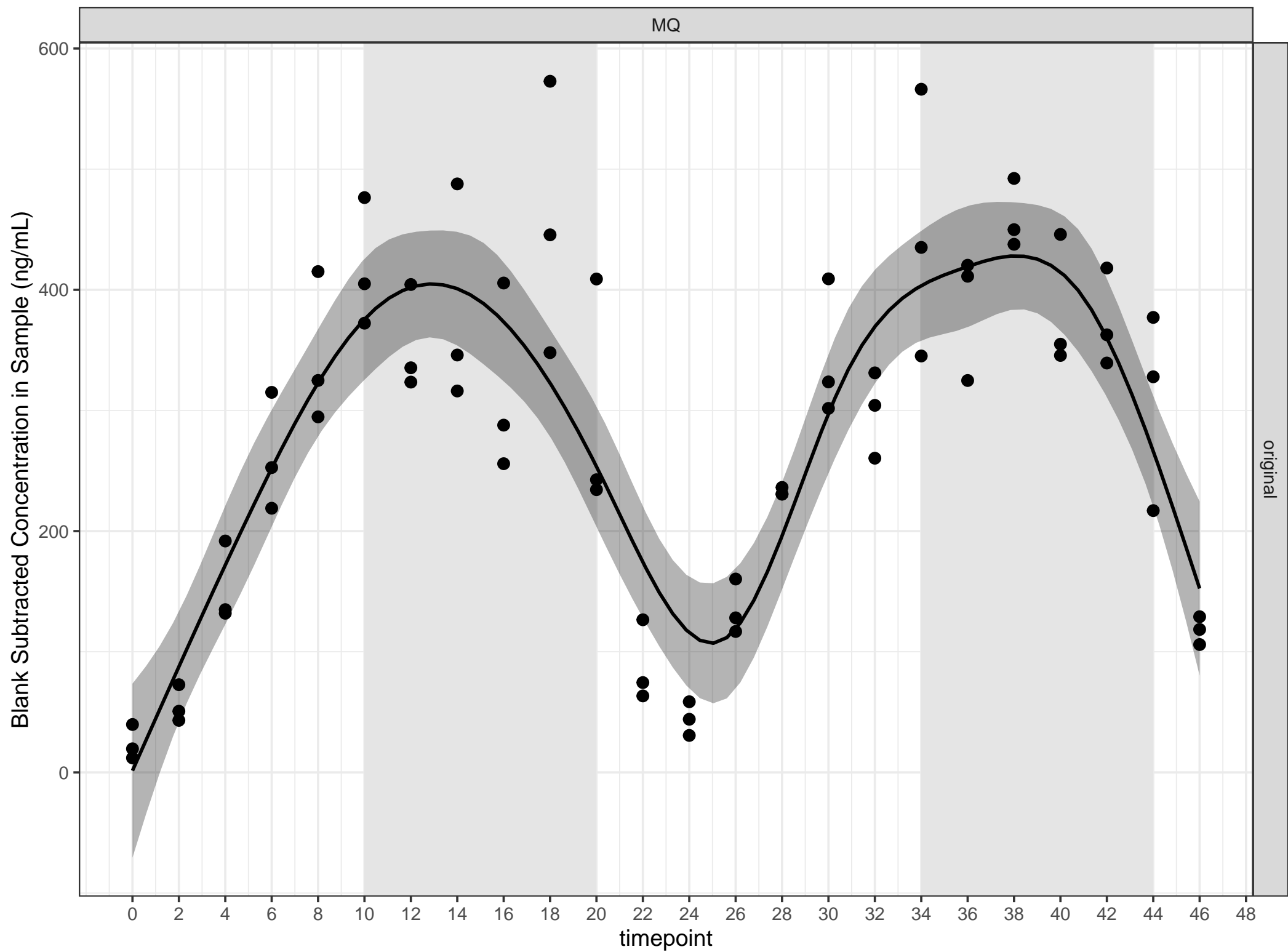
spermidine



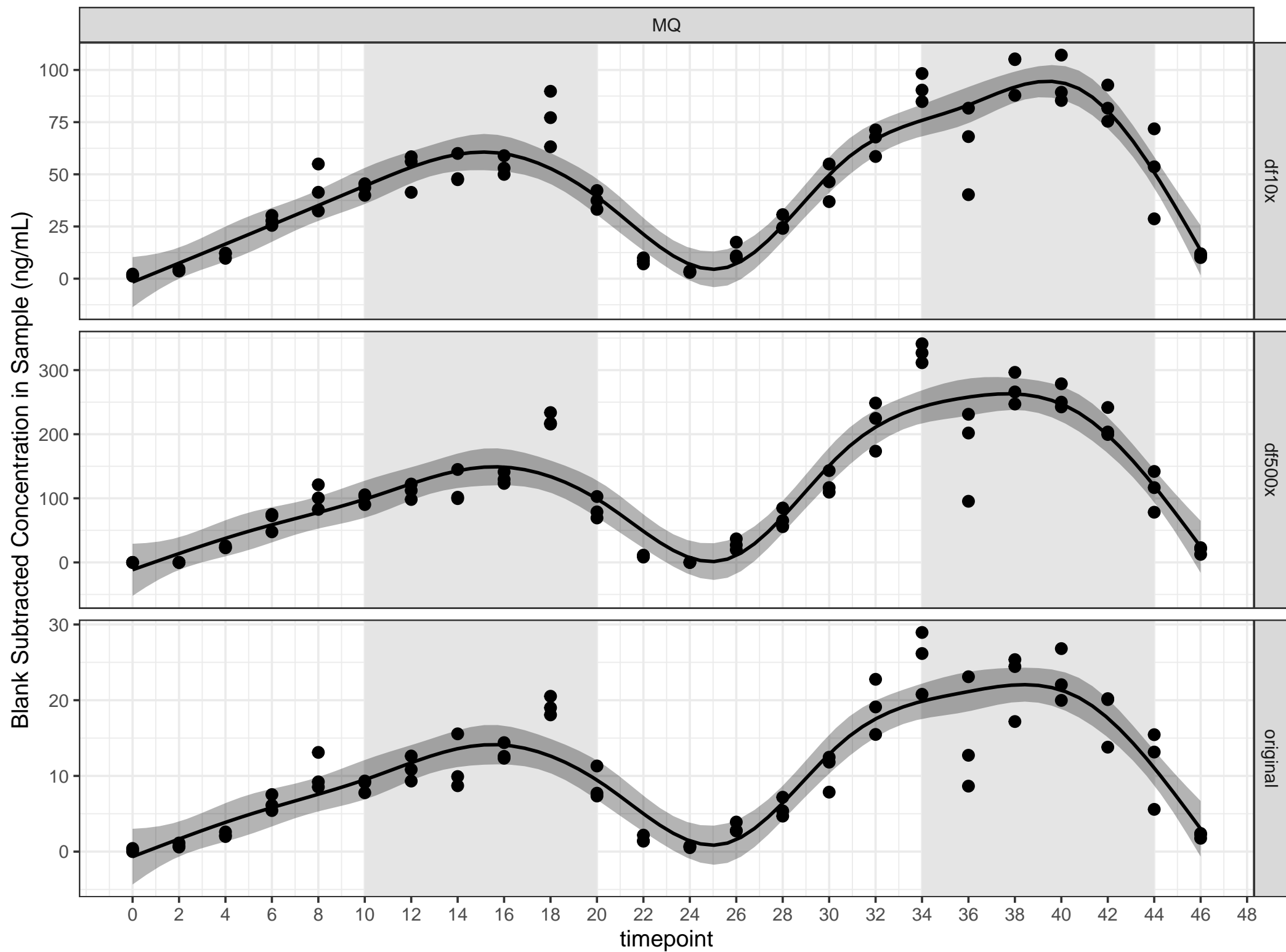
succinic acid



sucrose pos

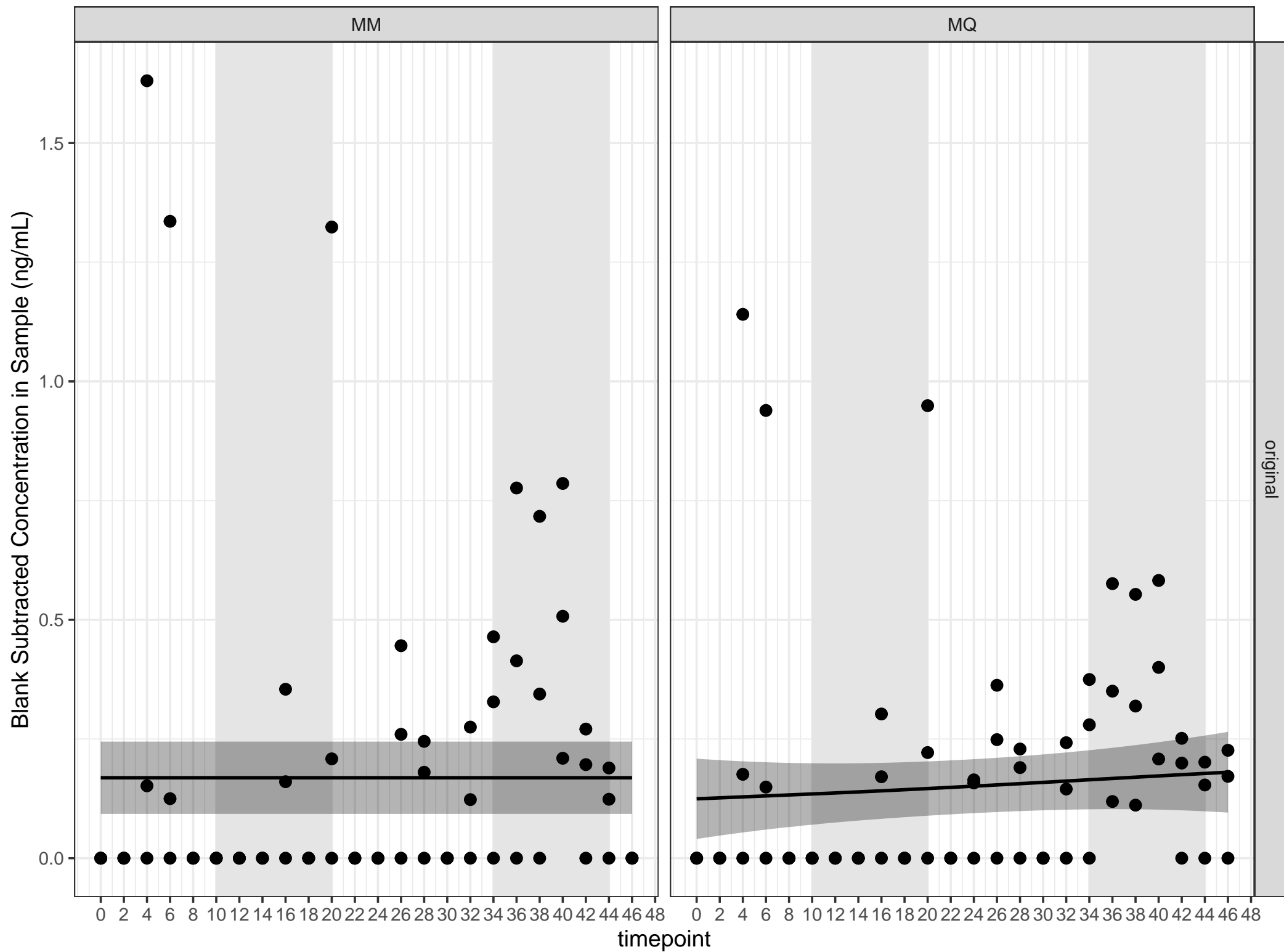


sucrose387 neg

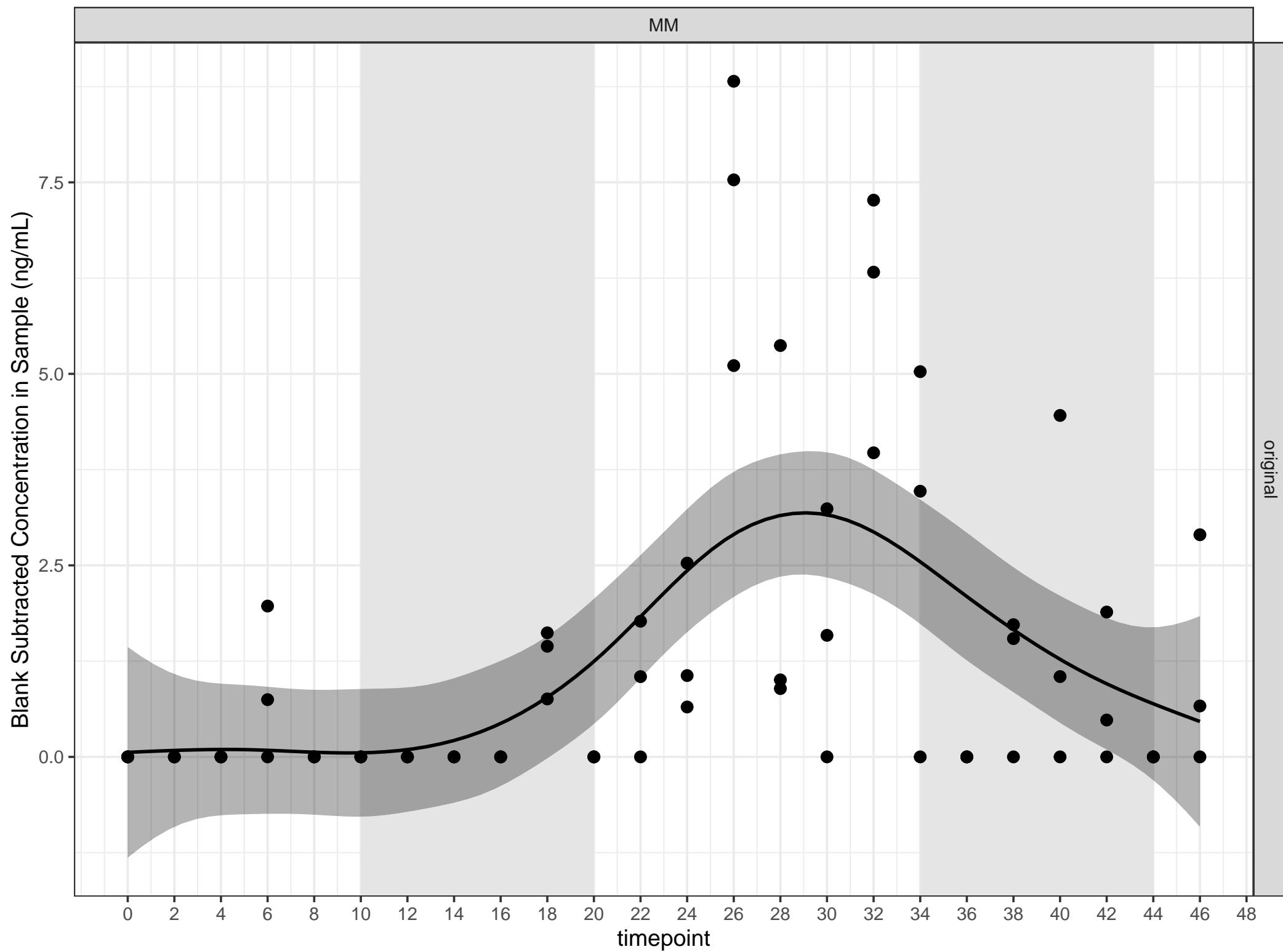




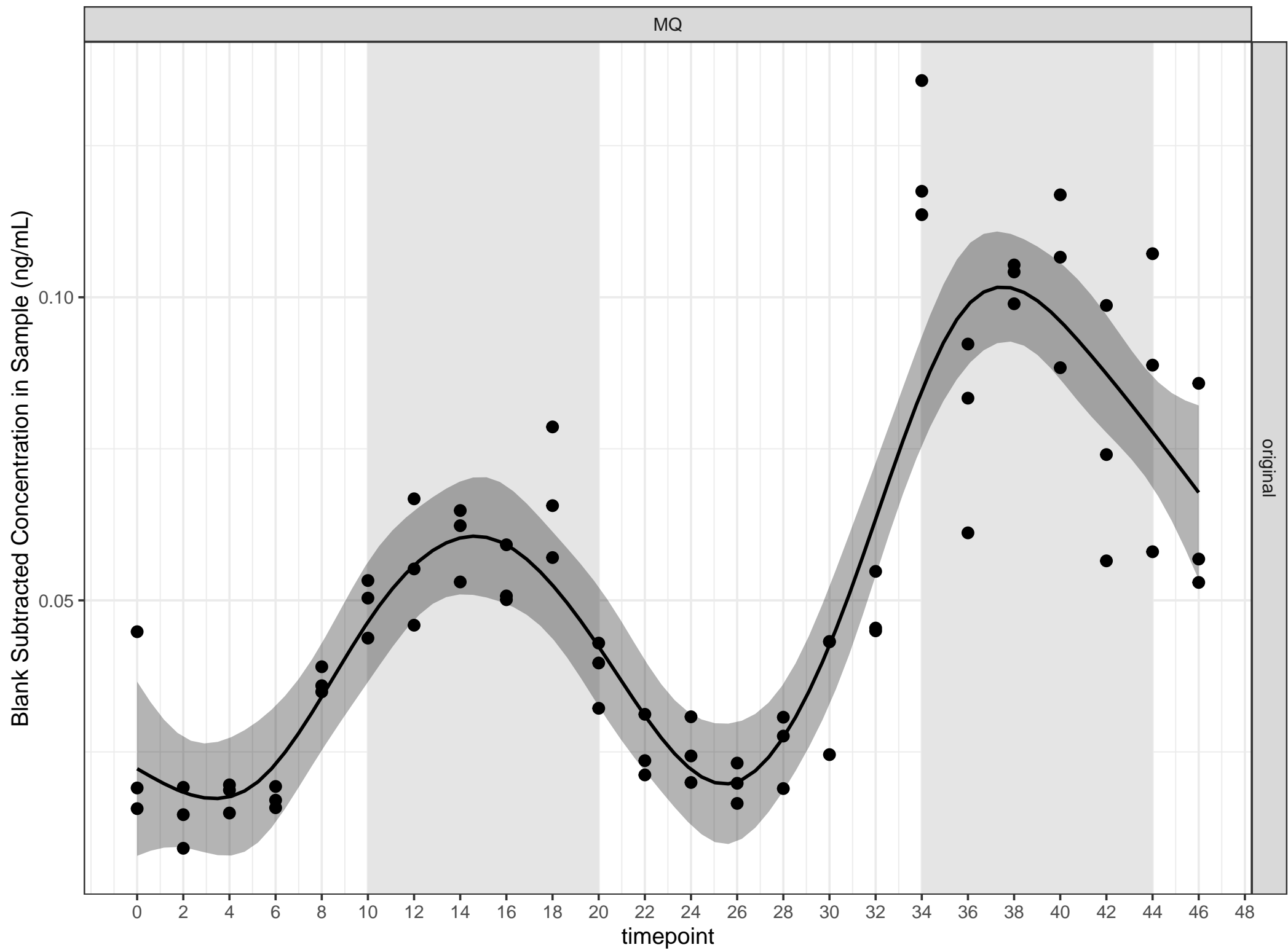
# tetrahydrobiopterin240



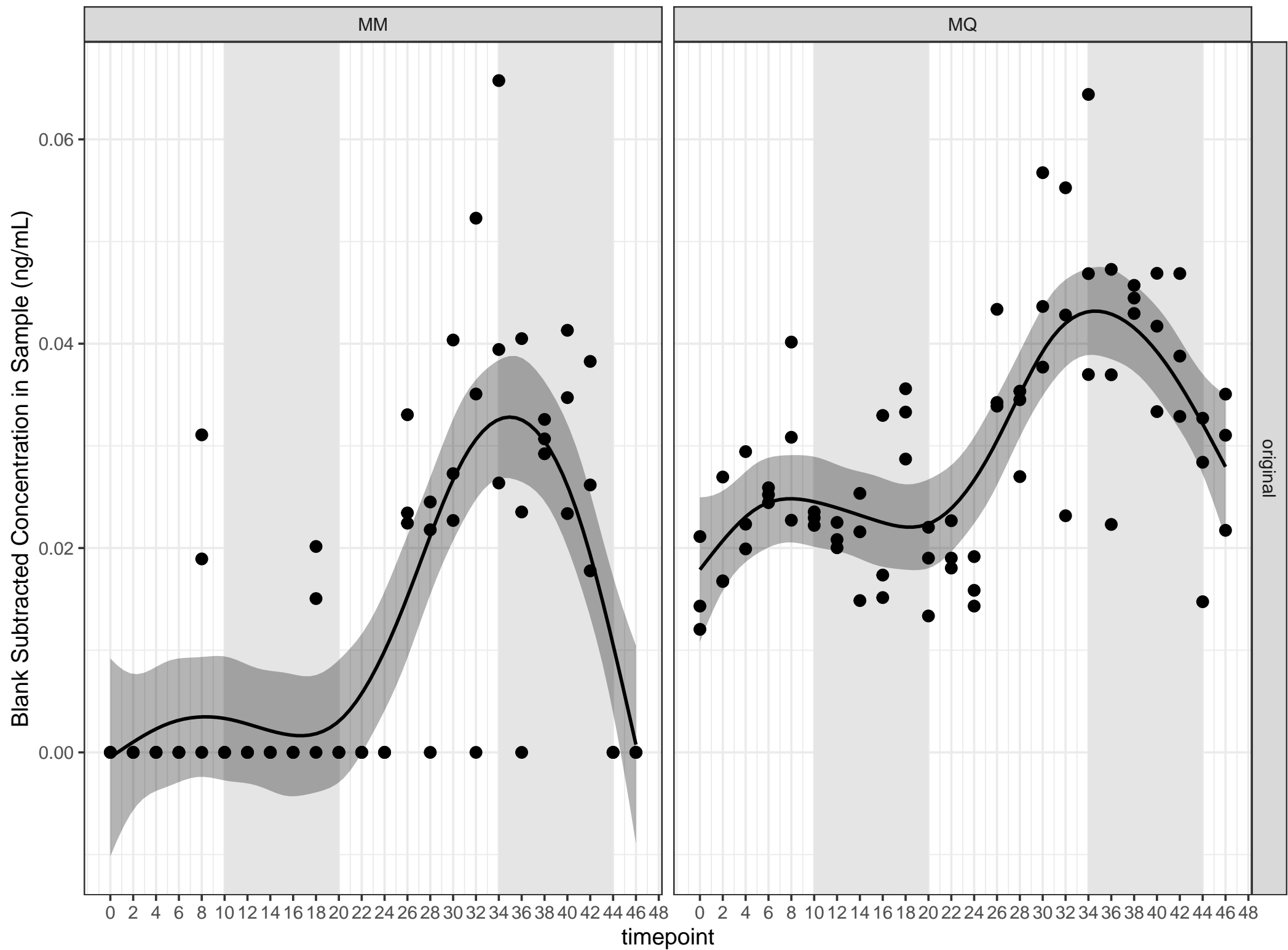
# threonine (isom. homoserine)



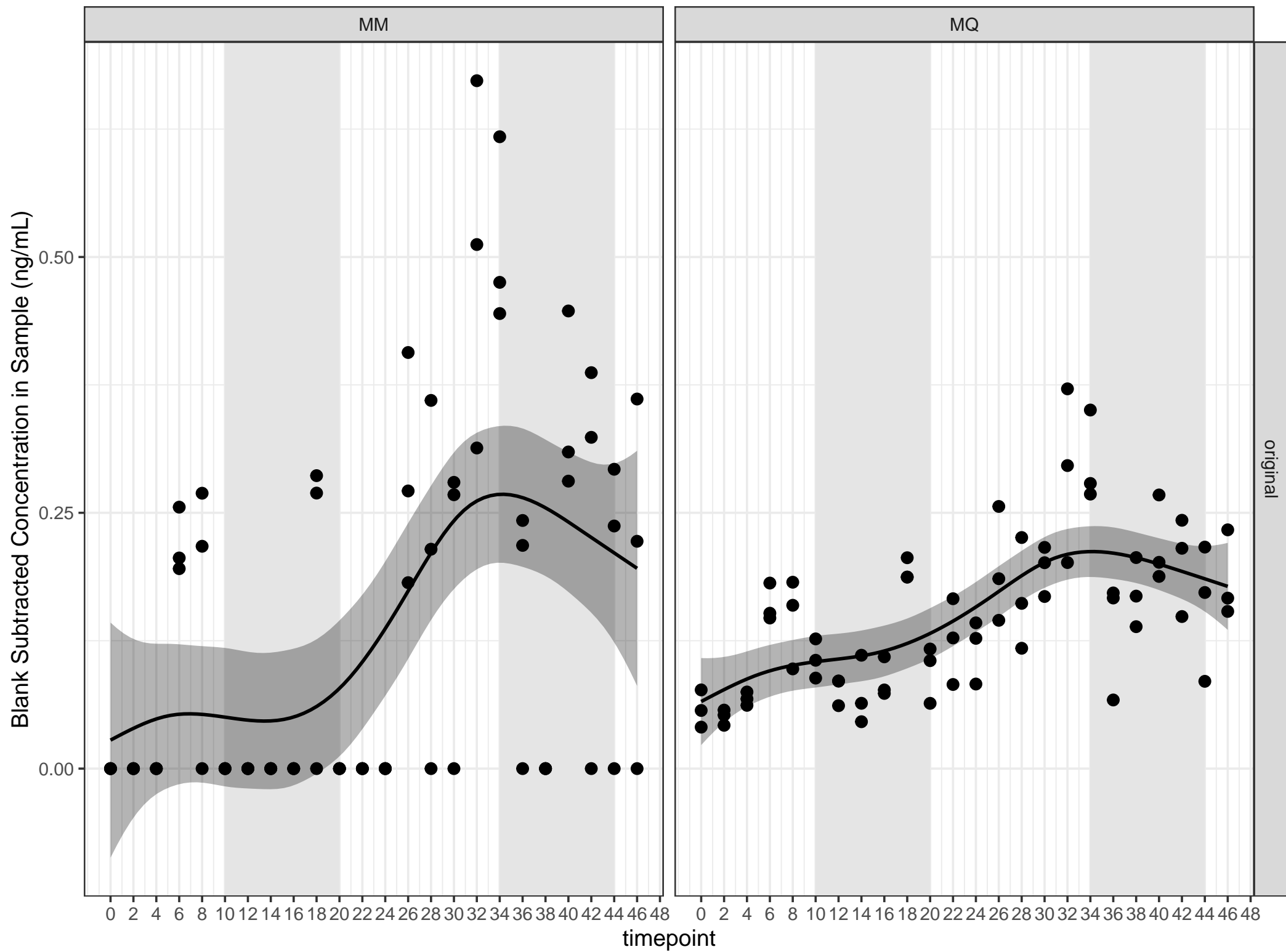
thymidine



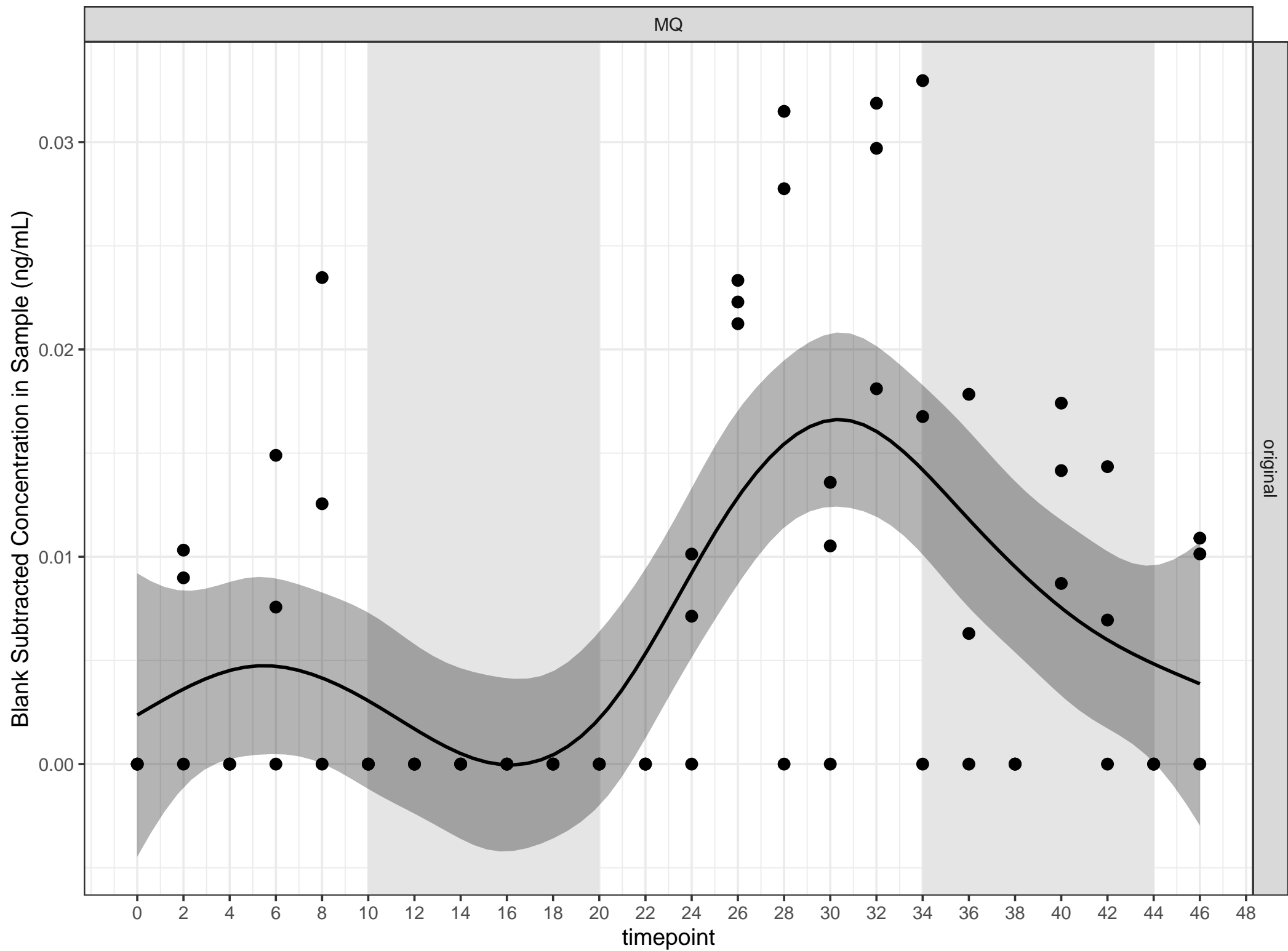
tryptophan



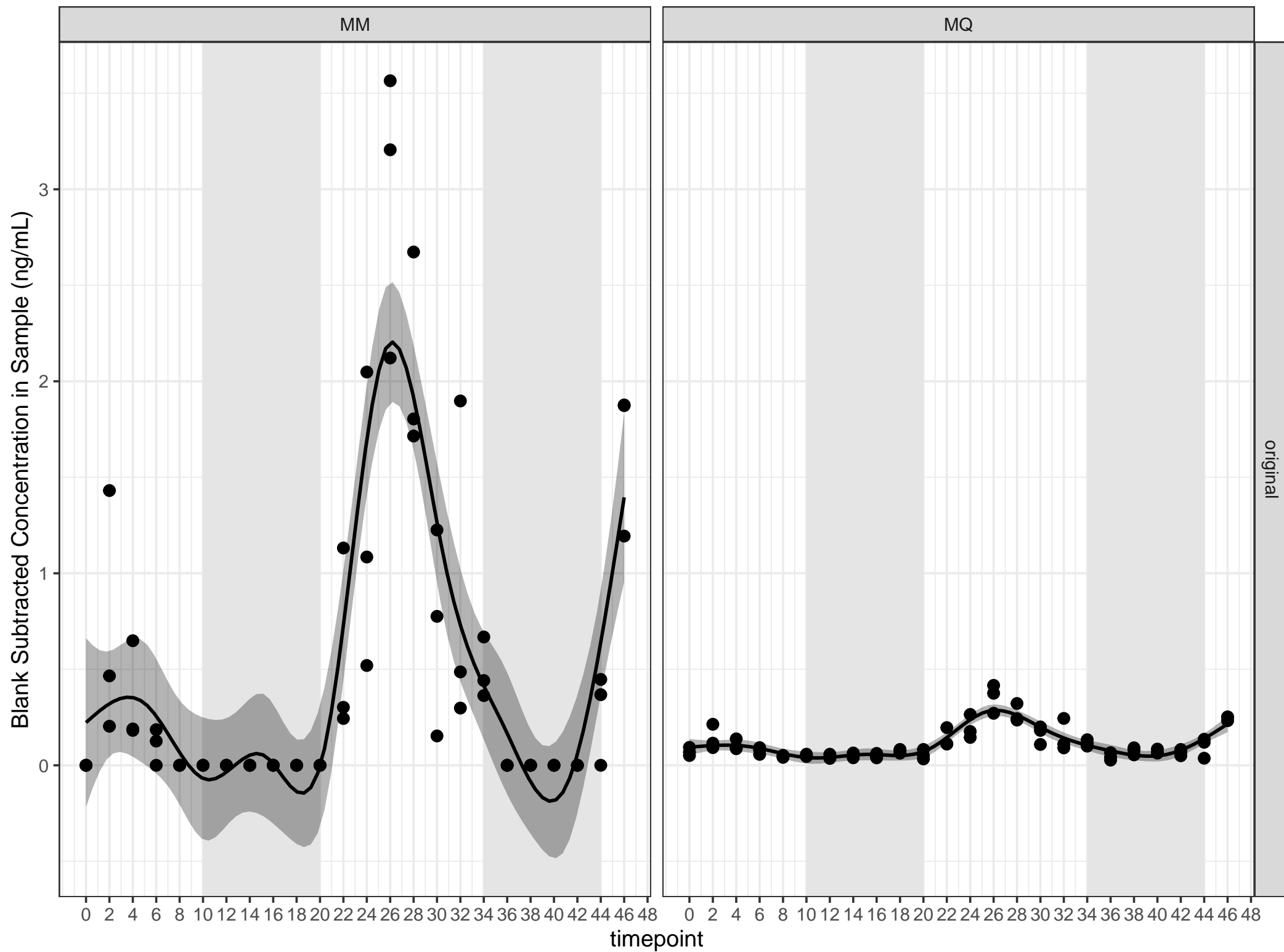
# tyrosine



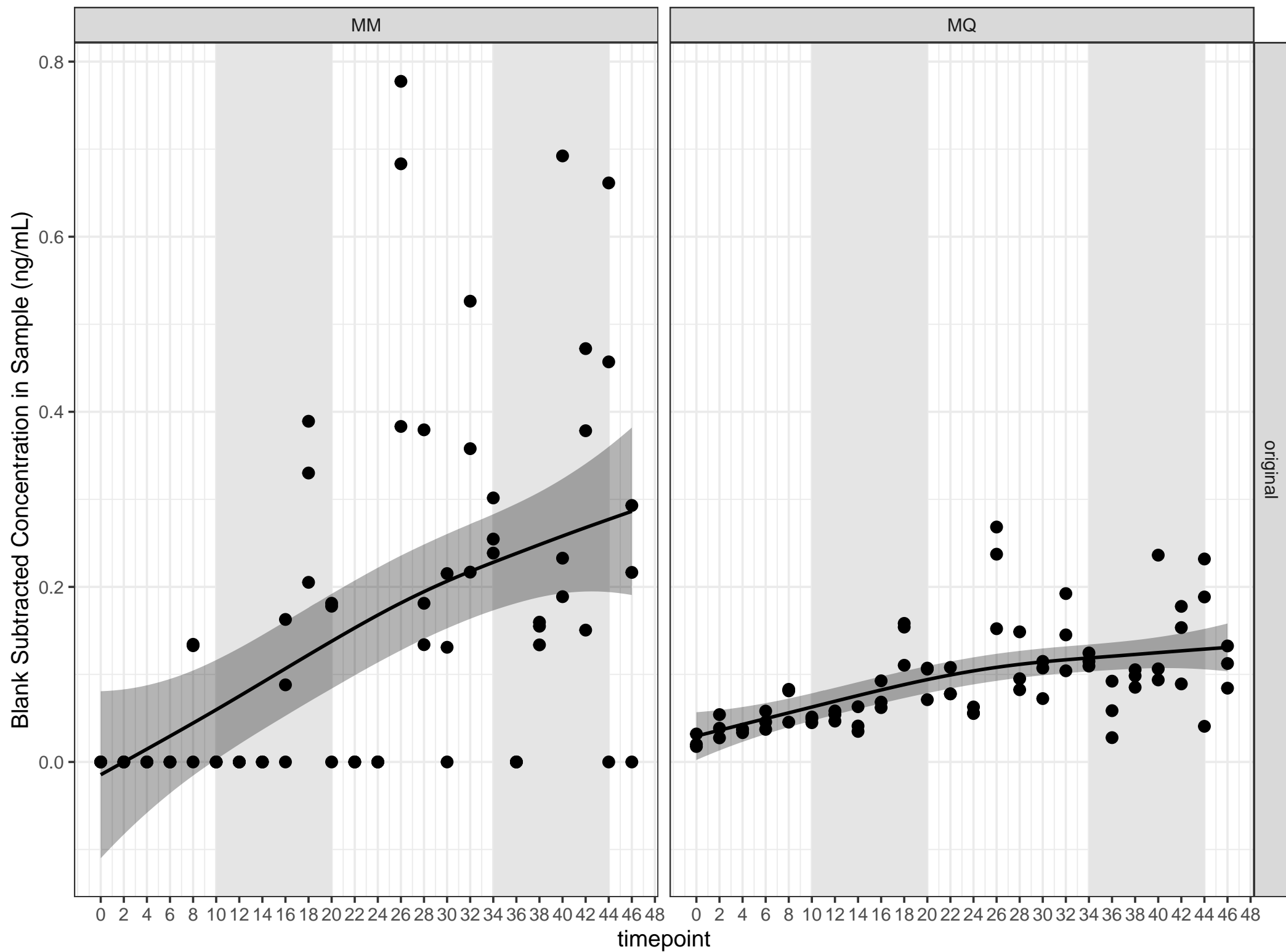
uracil



# uridine 5-monophosphate pos



valine





xanthosine neg

