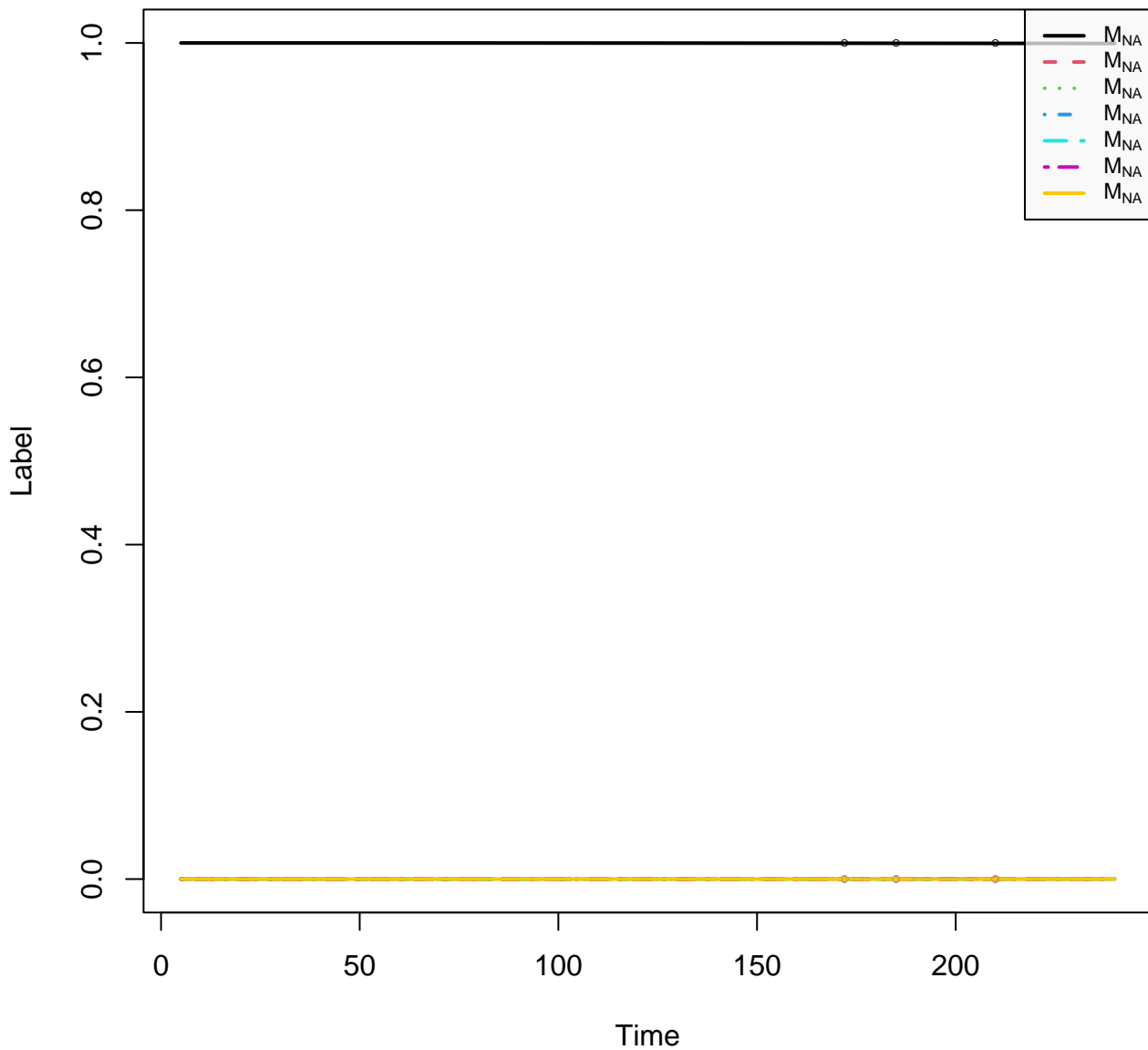
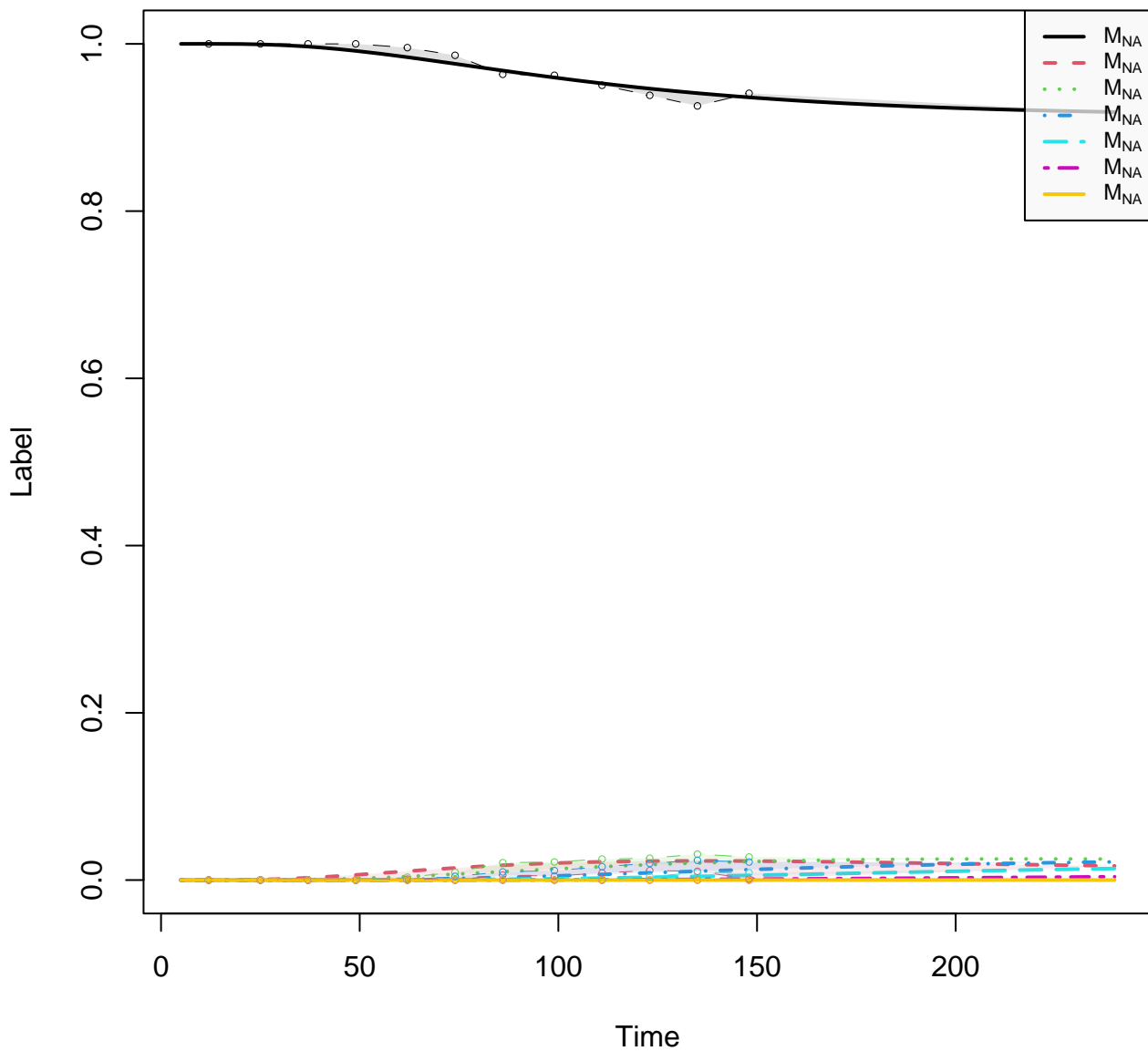


MS measurements

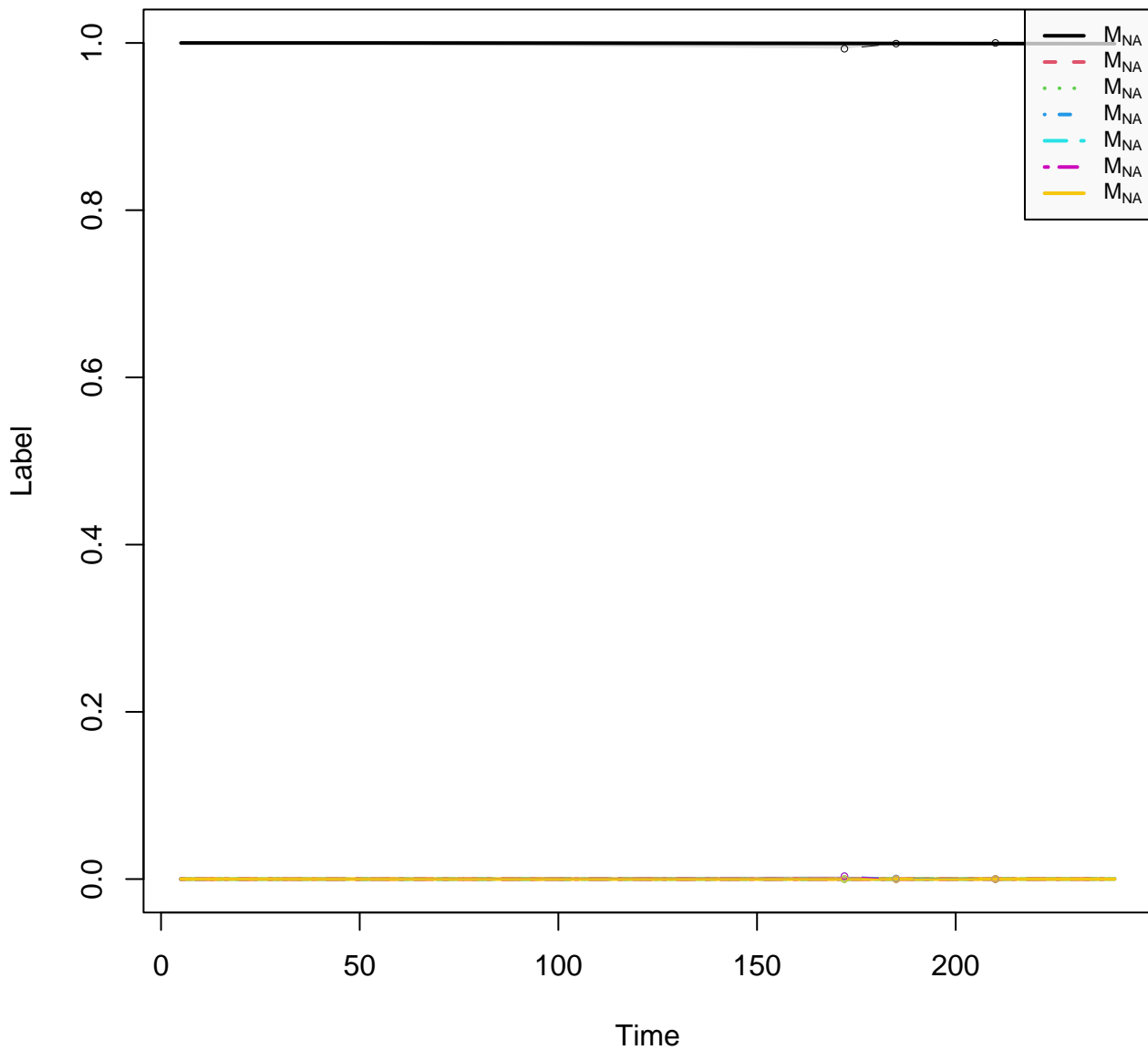
# Aco\_out



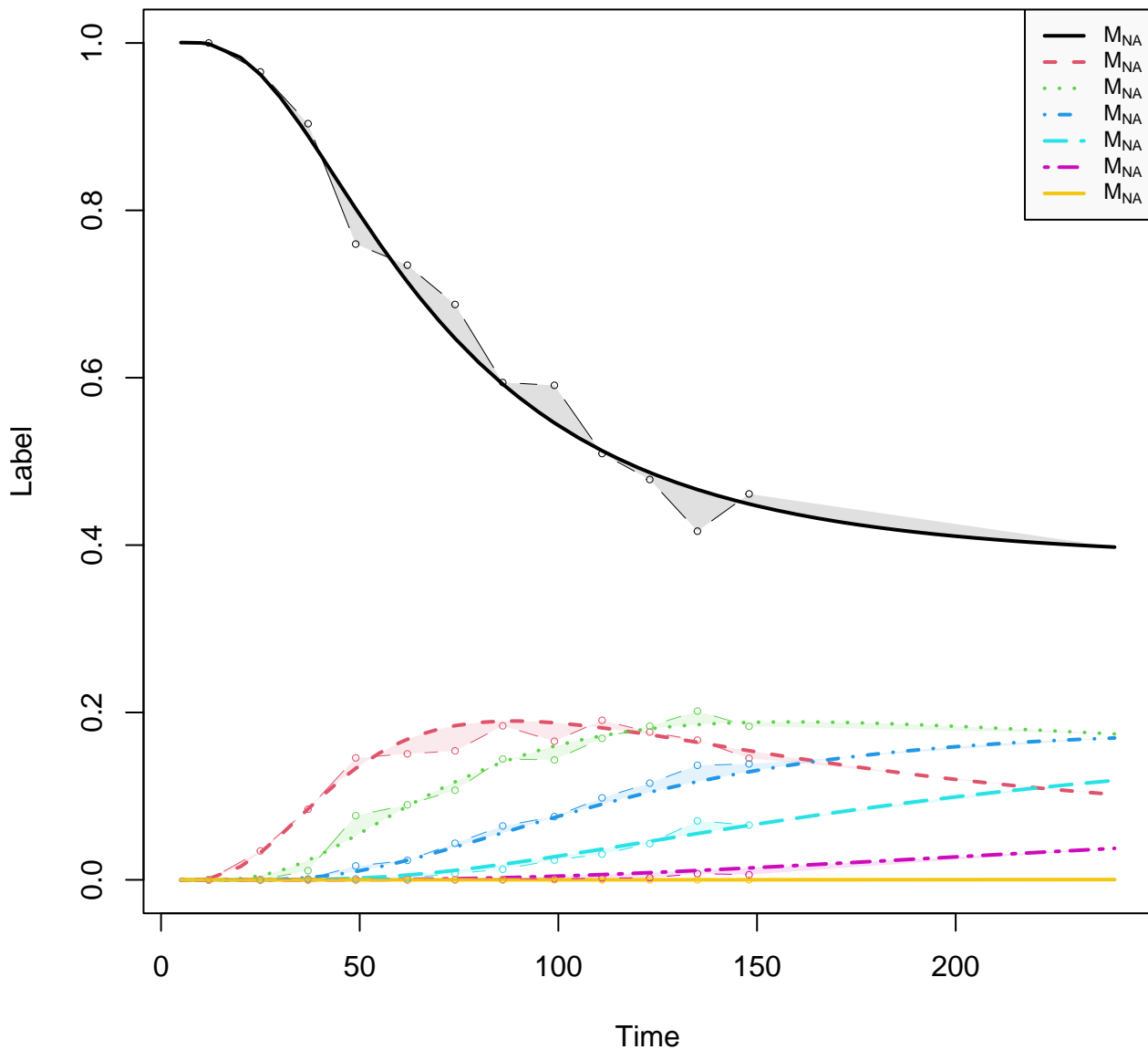
# Aco+Aco\_out



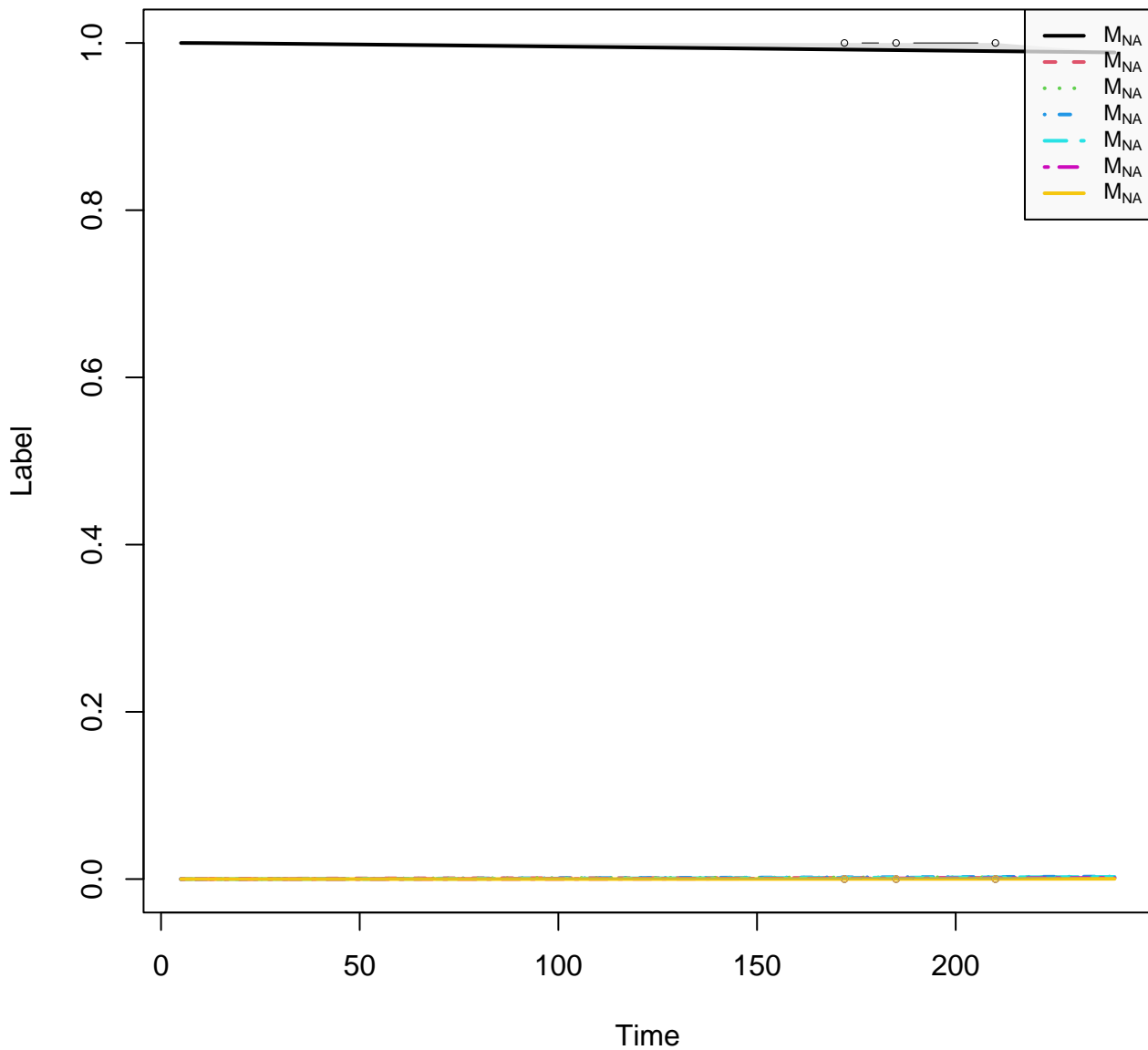
# Cit\_out



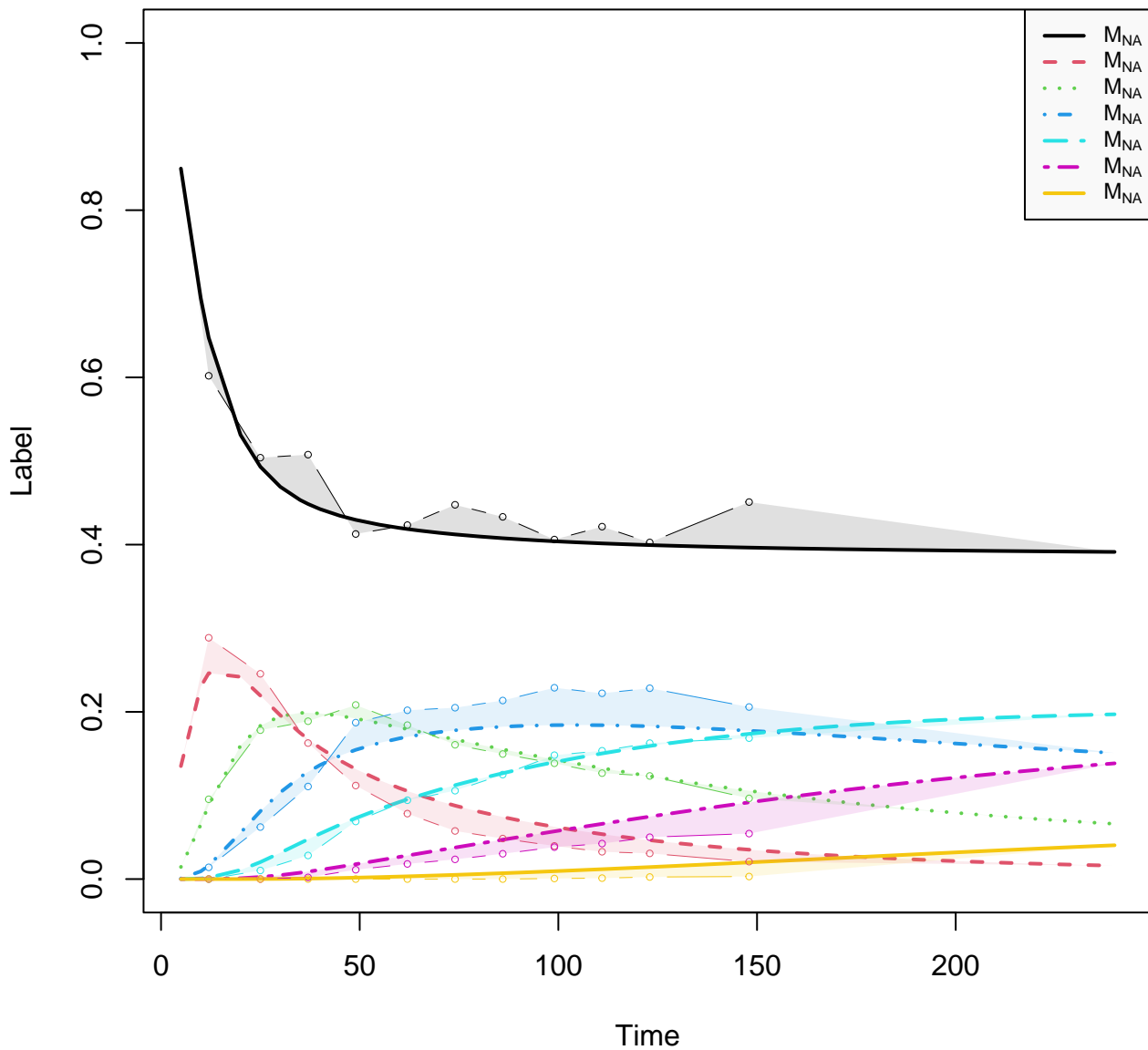
# Cit+Cit\_out



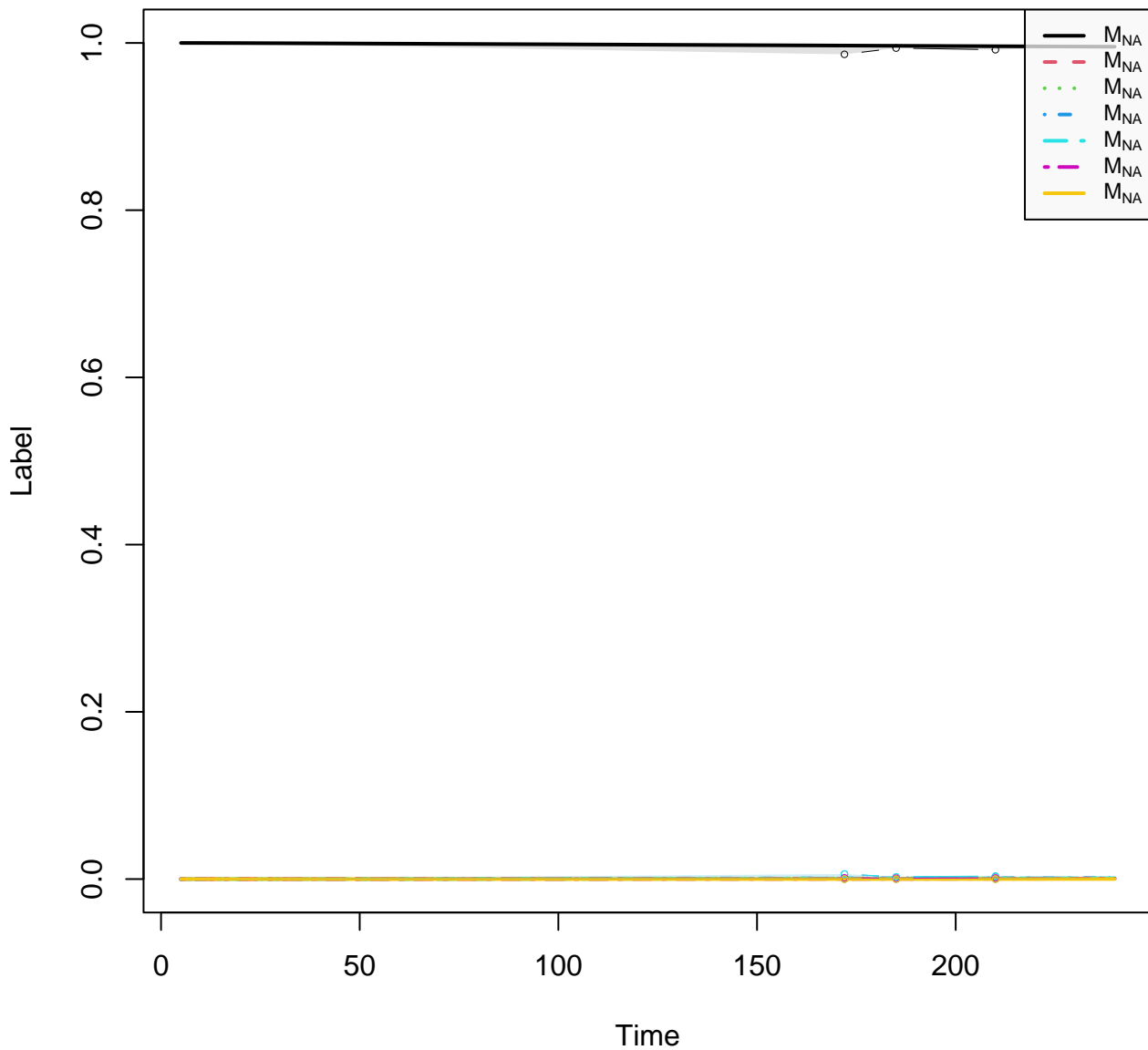
# Fru6P\_out



# Fru6P+Fru6P\_out

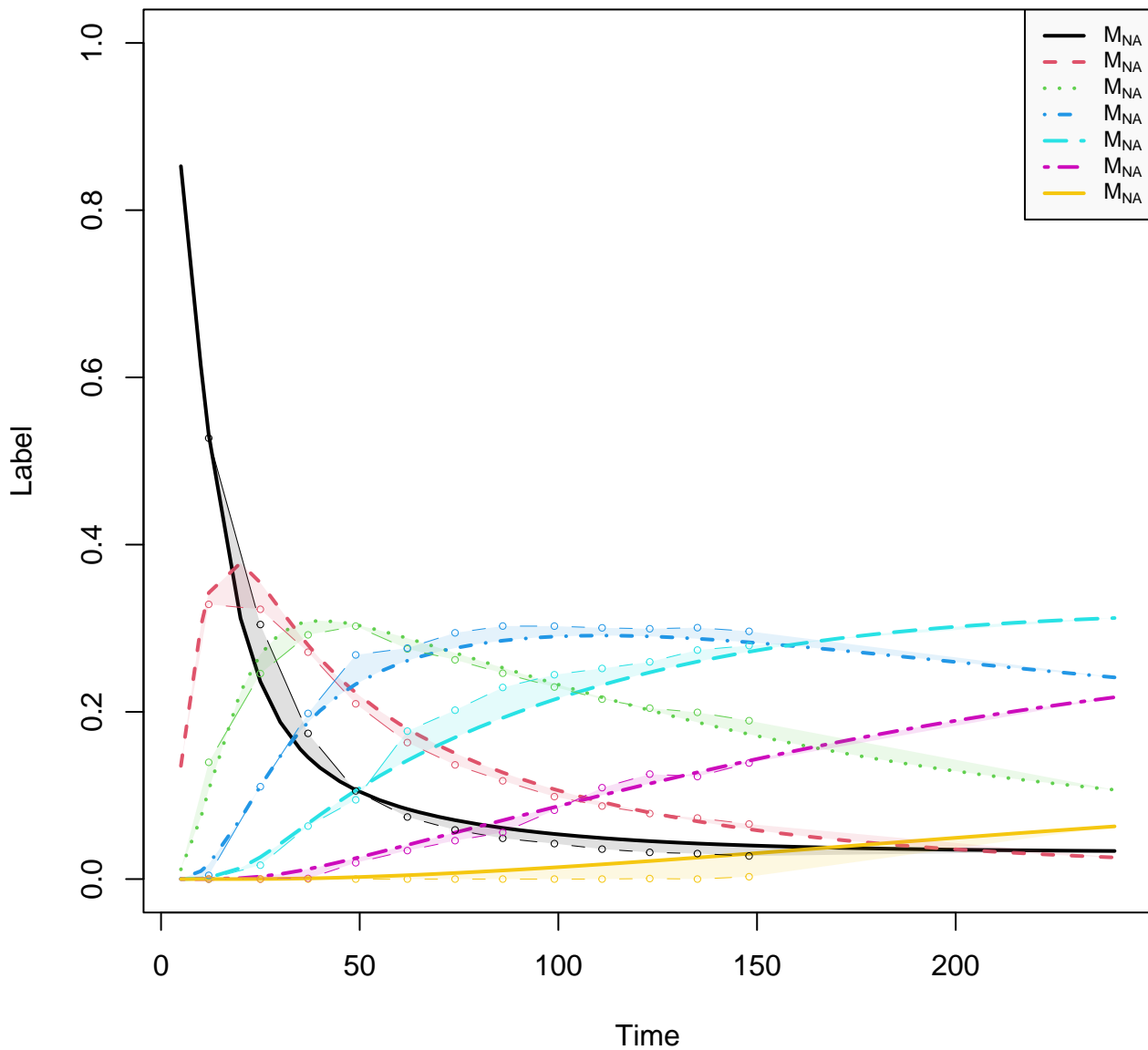


# FruBP\_out

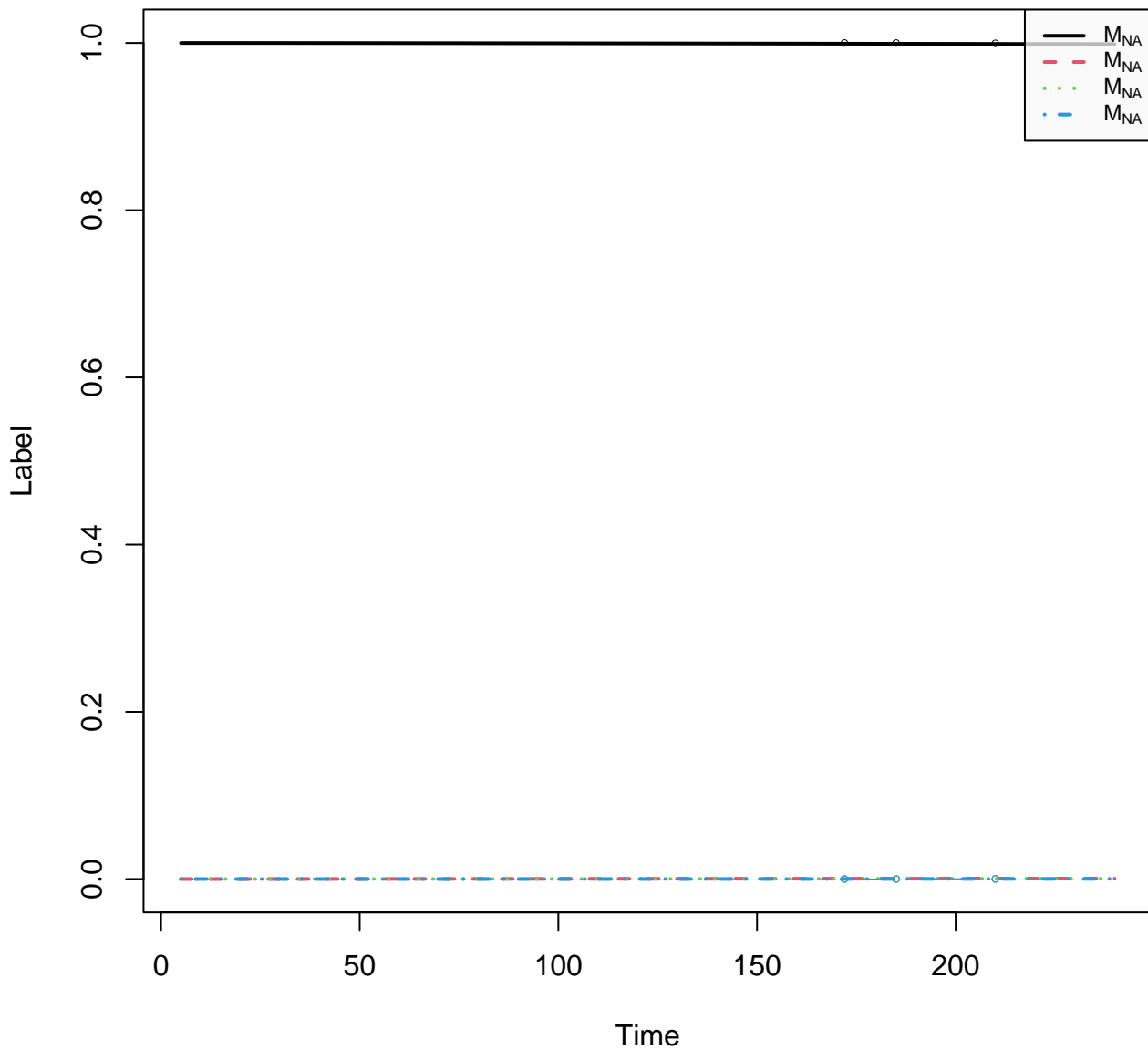




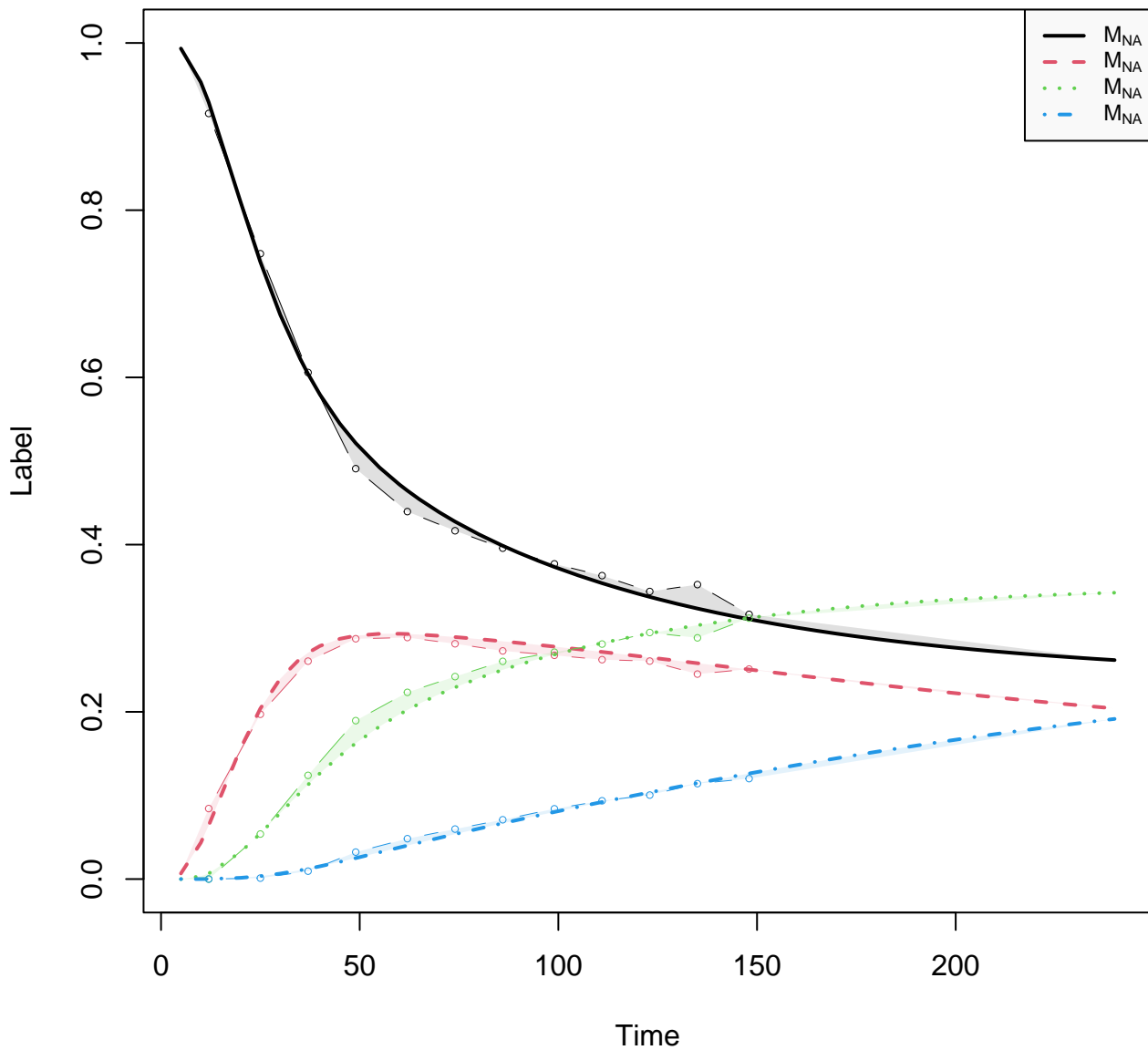
# FruBP+FruBP\_out



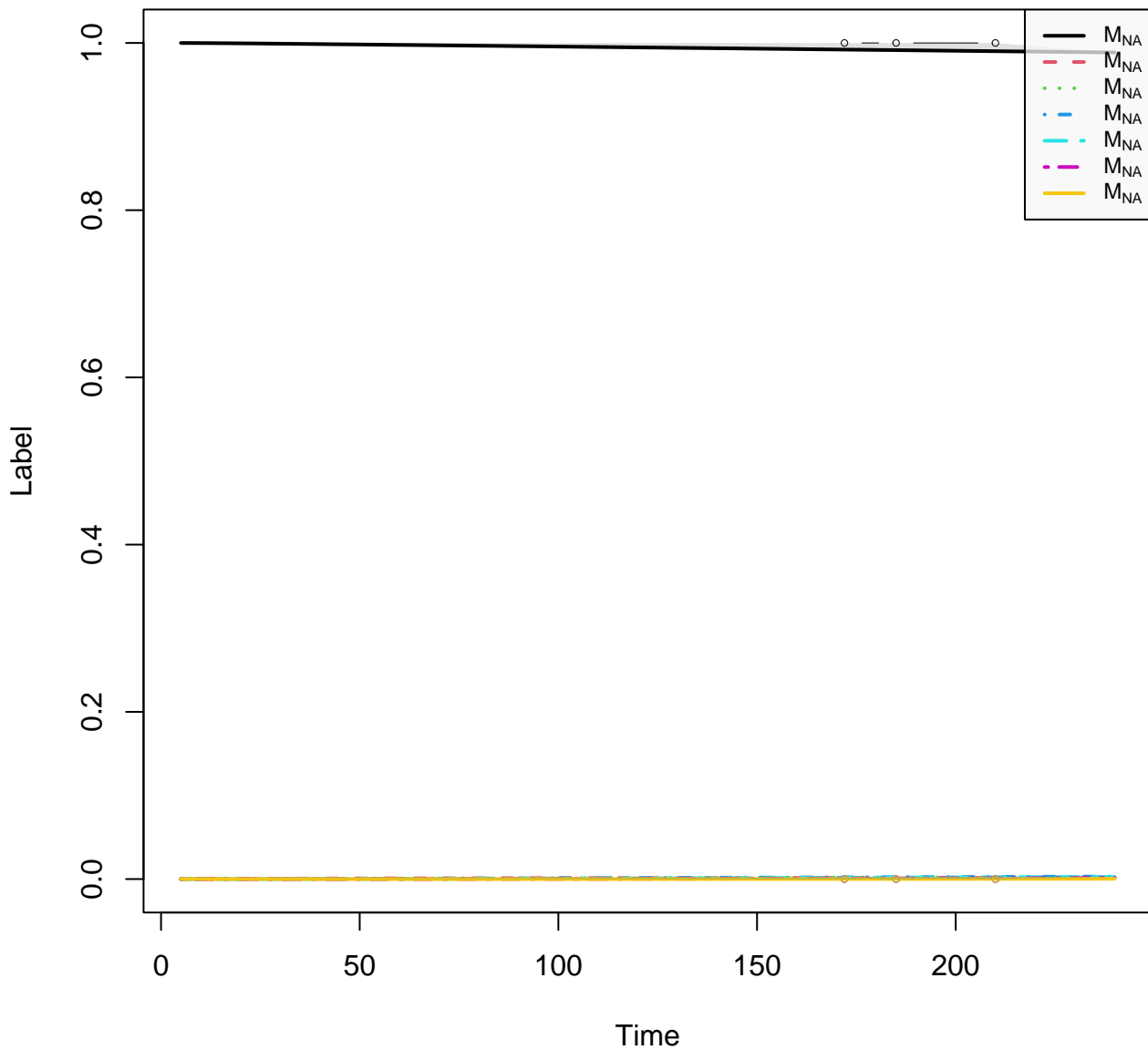
# G3P\_out+PGA\_out



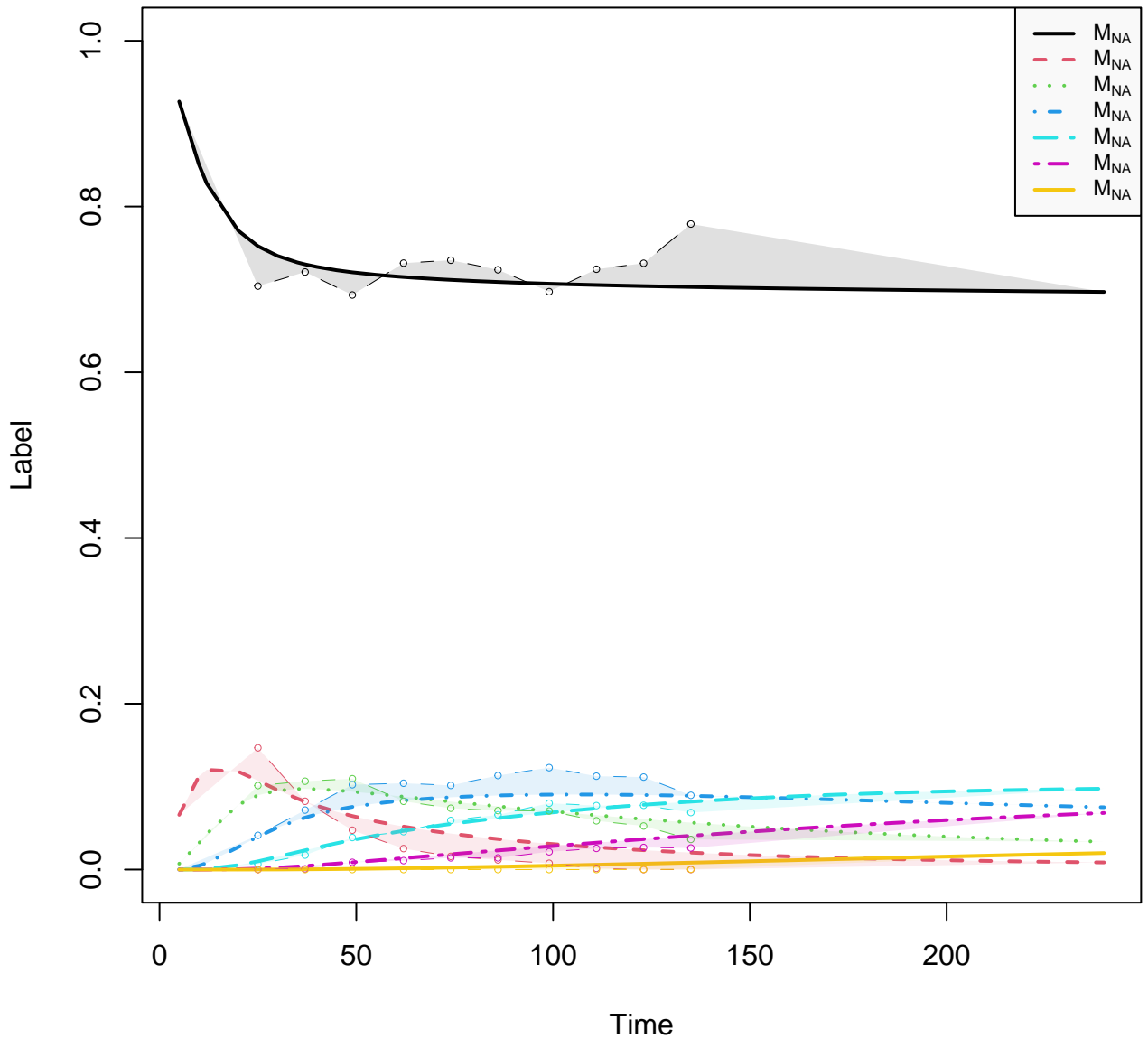
# G3P+PGA+G3P\_out+PGA\_out



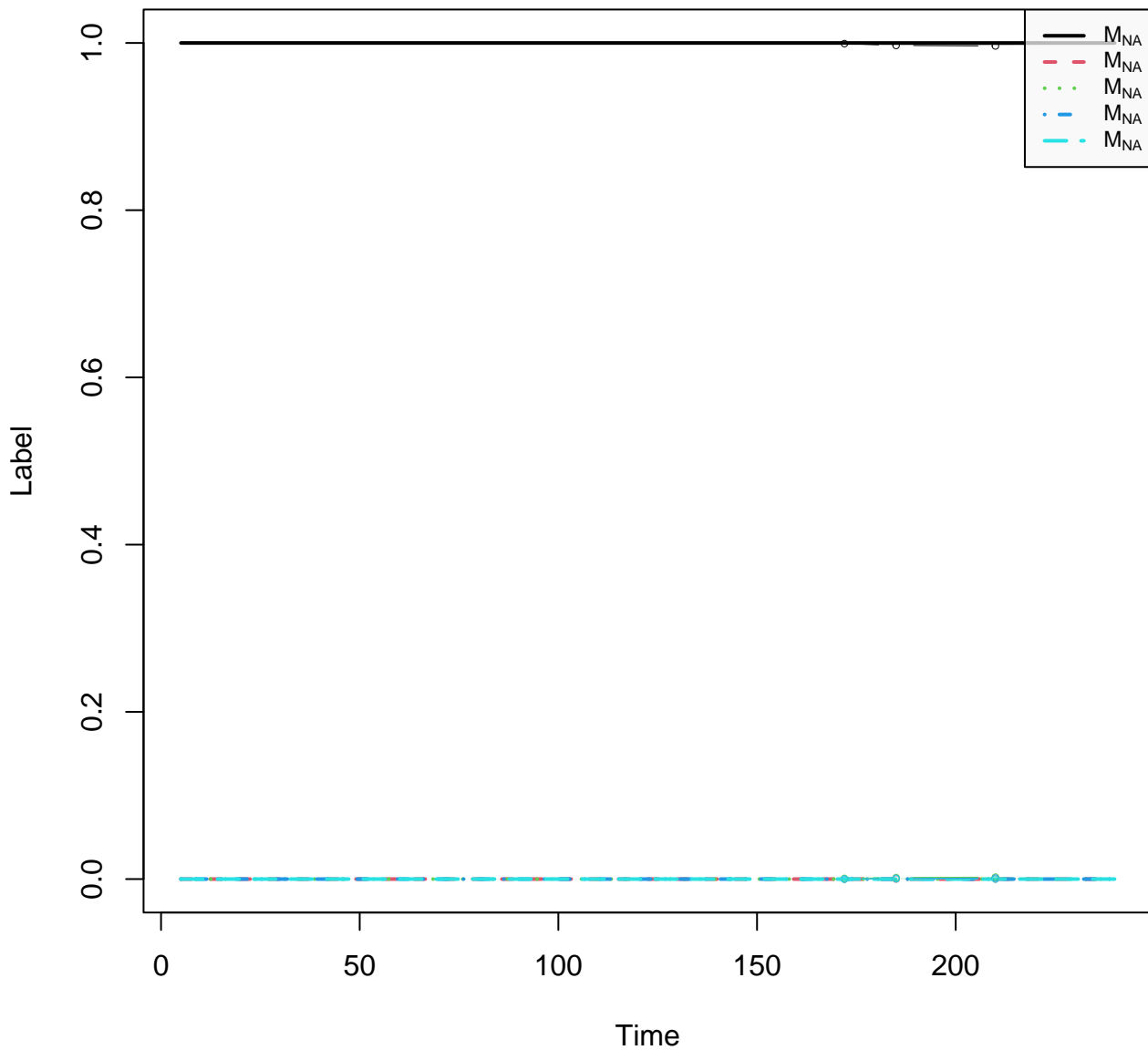
# Glc6P\_out



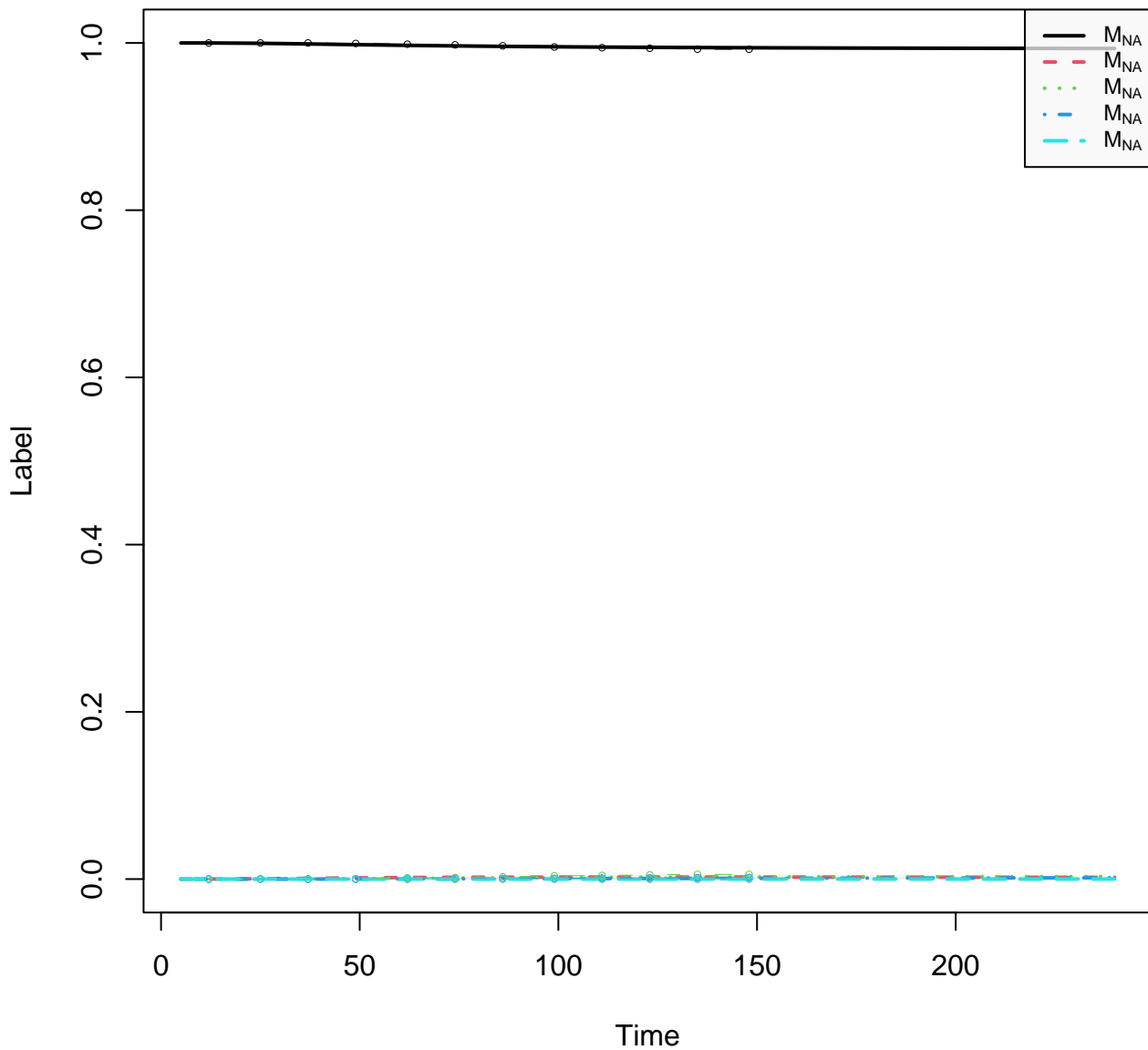
**Glc6P+Glc6P\_out**



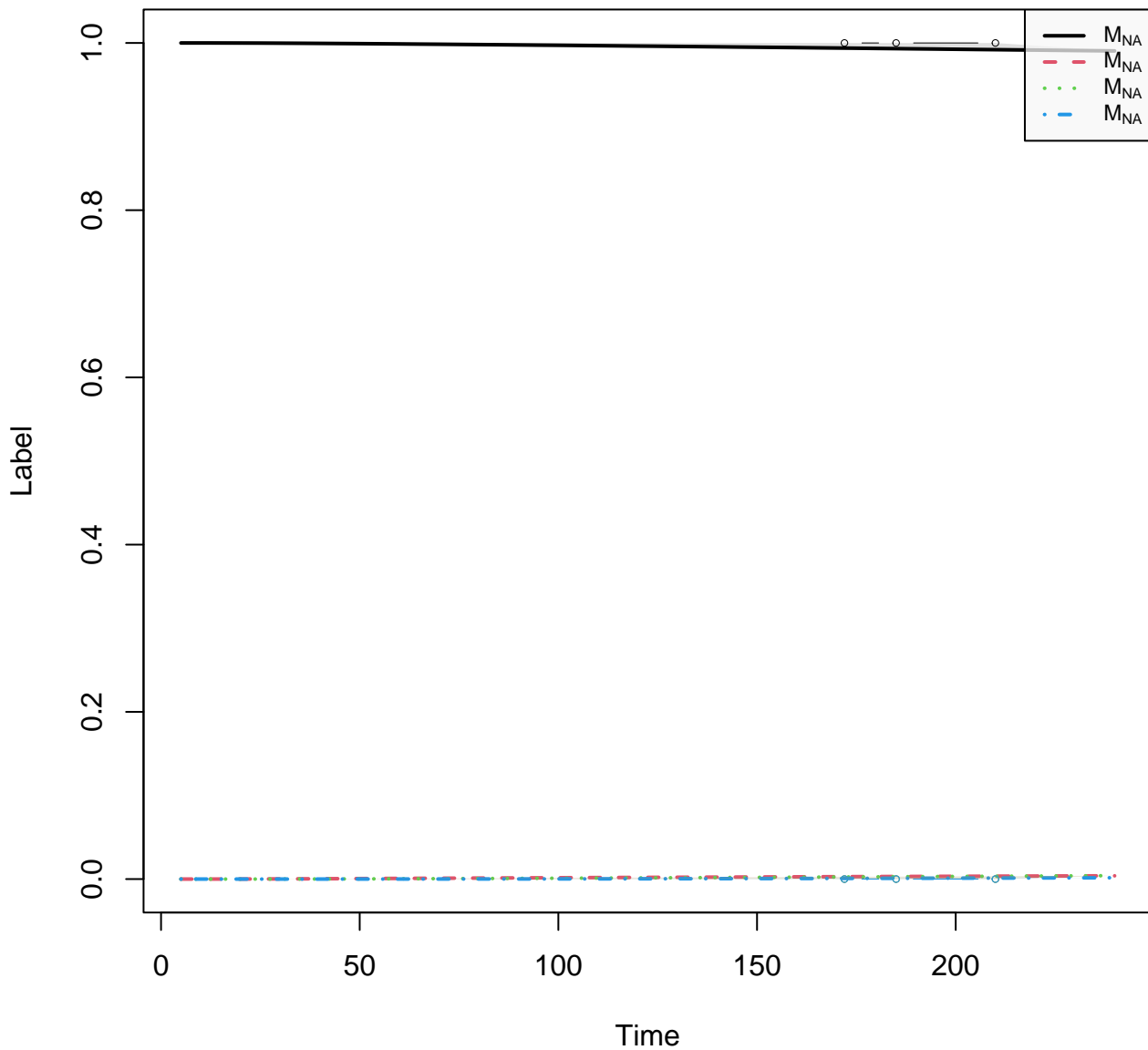
# Mal\_out



# Mal+Mal\_out

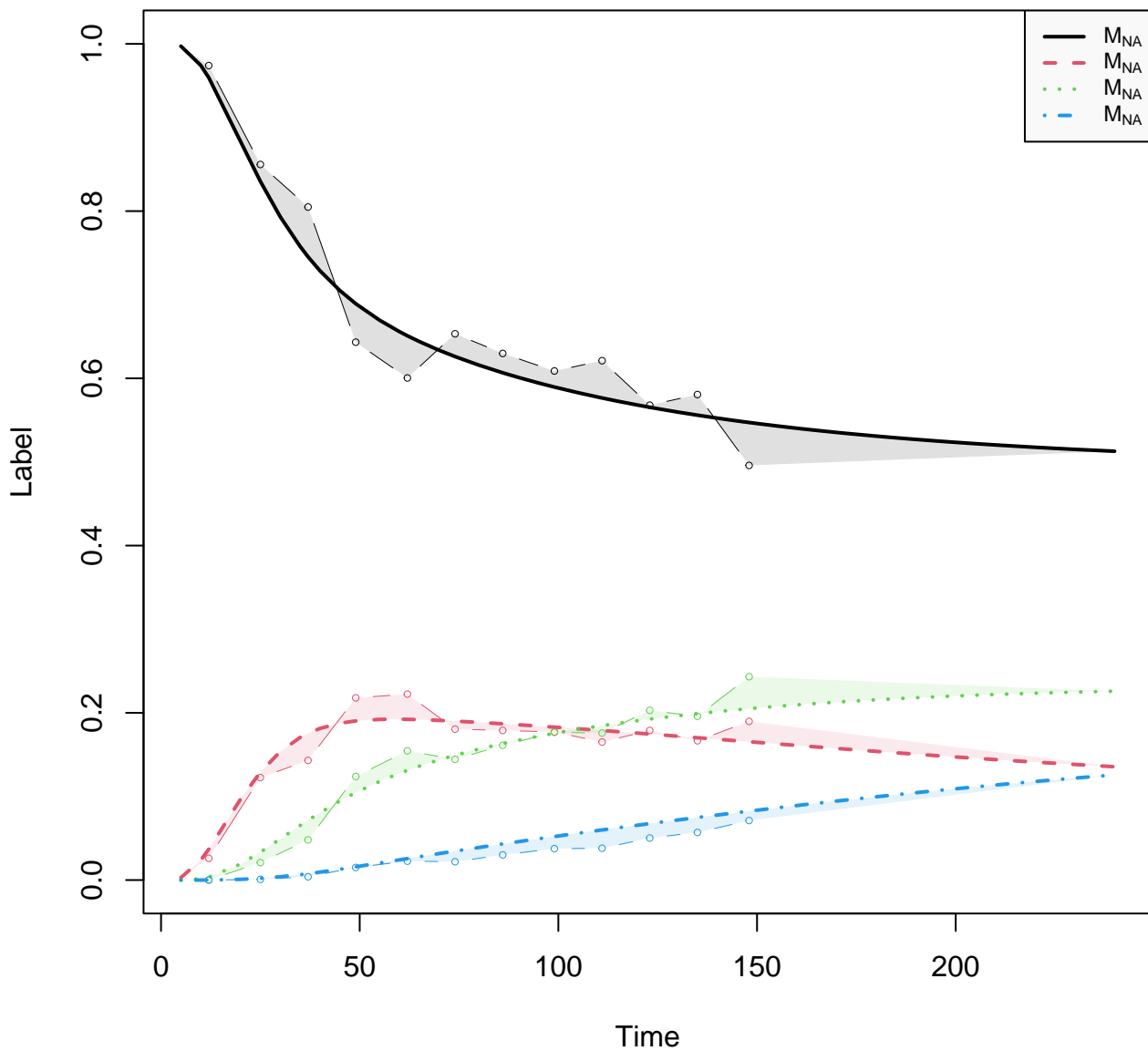


# PEP\_out

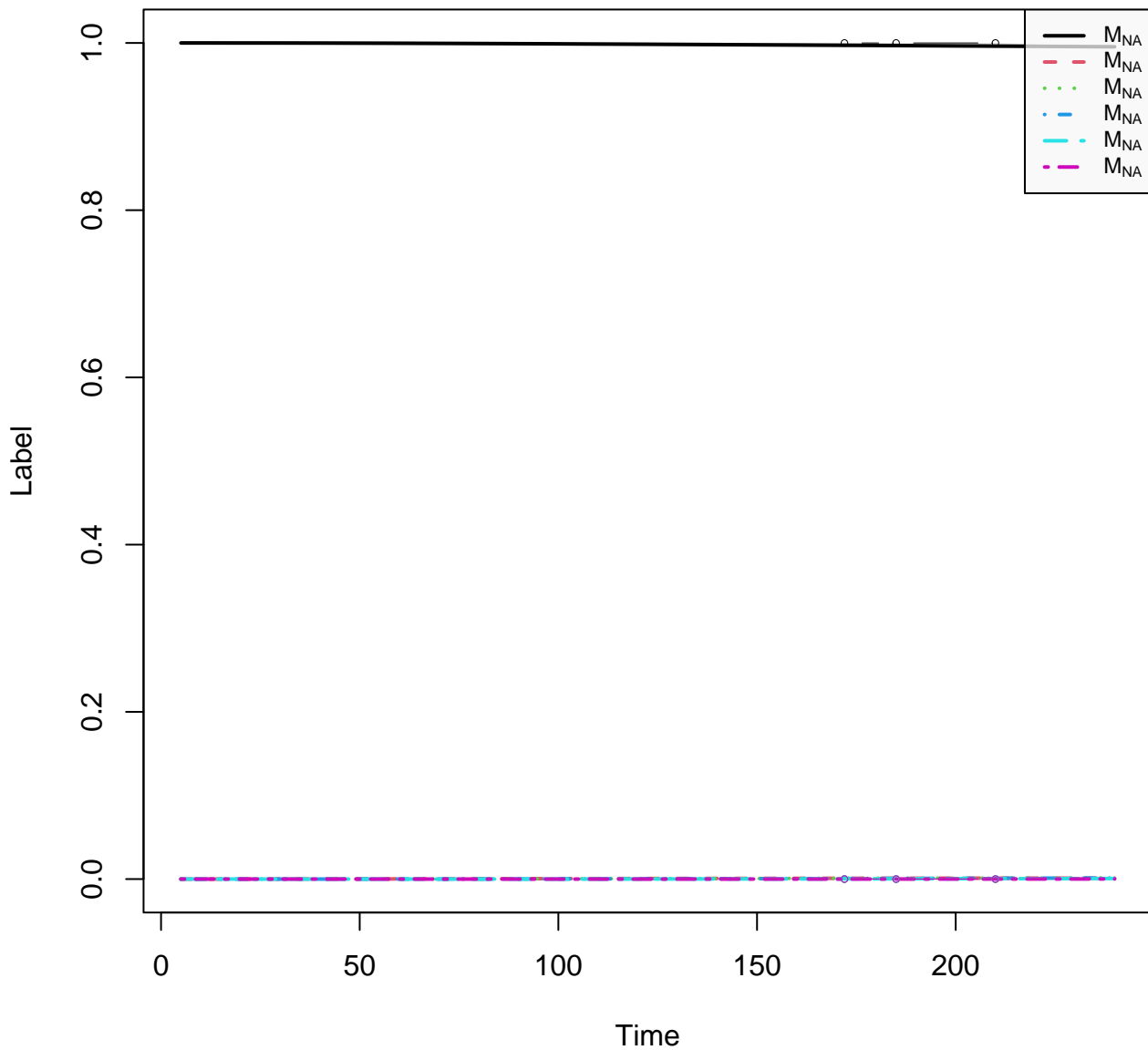




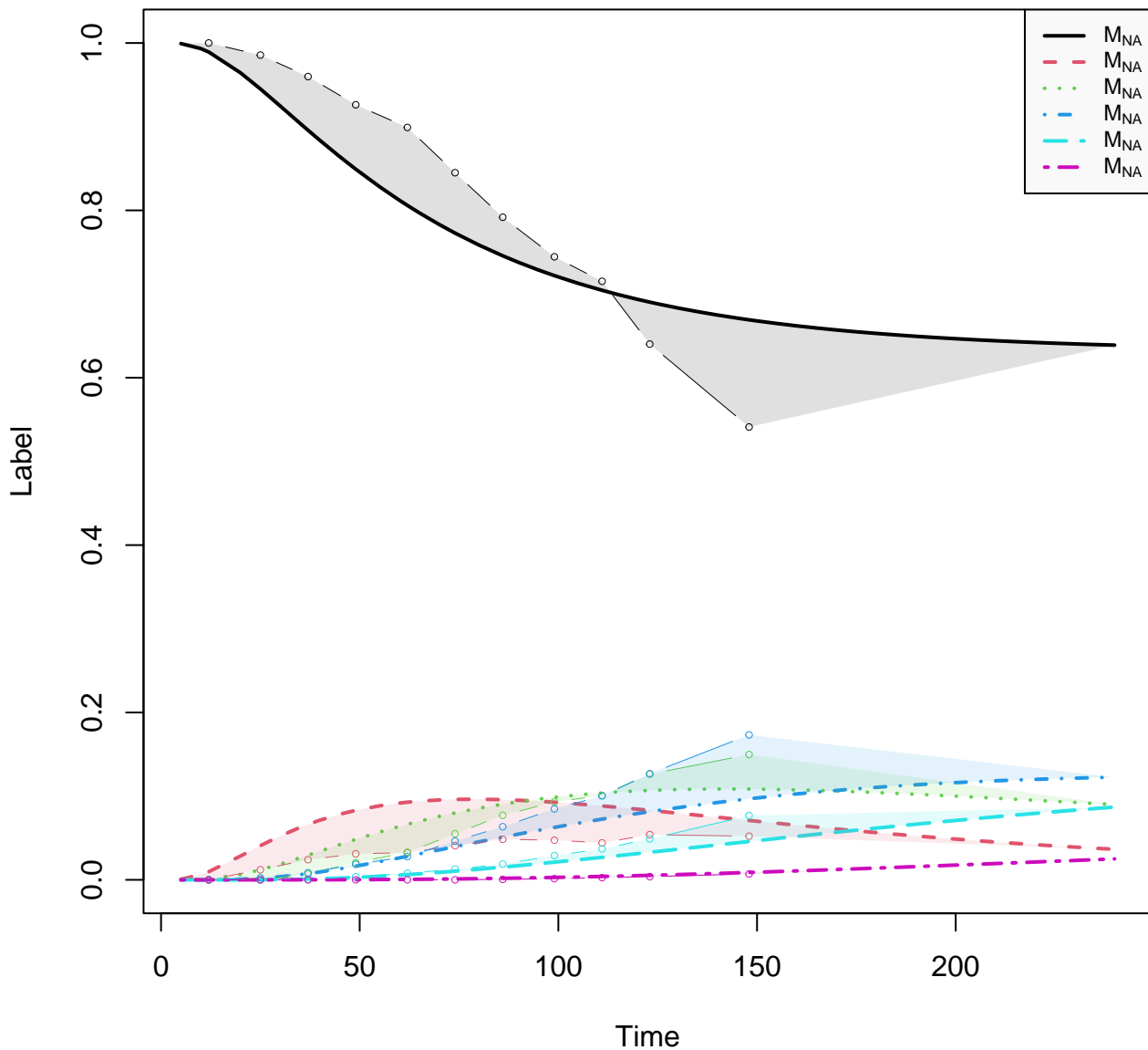
# PEP+PEP\_out



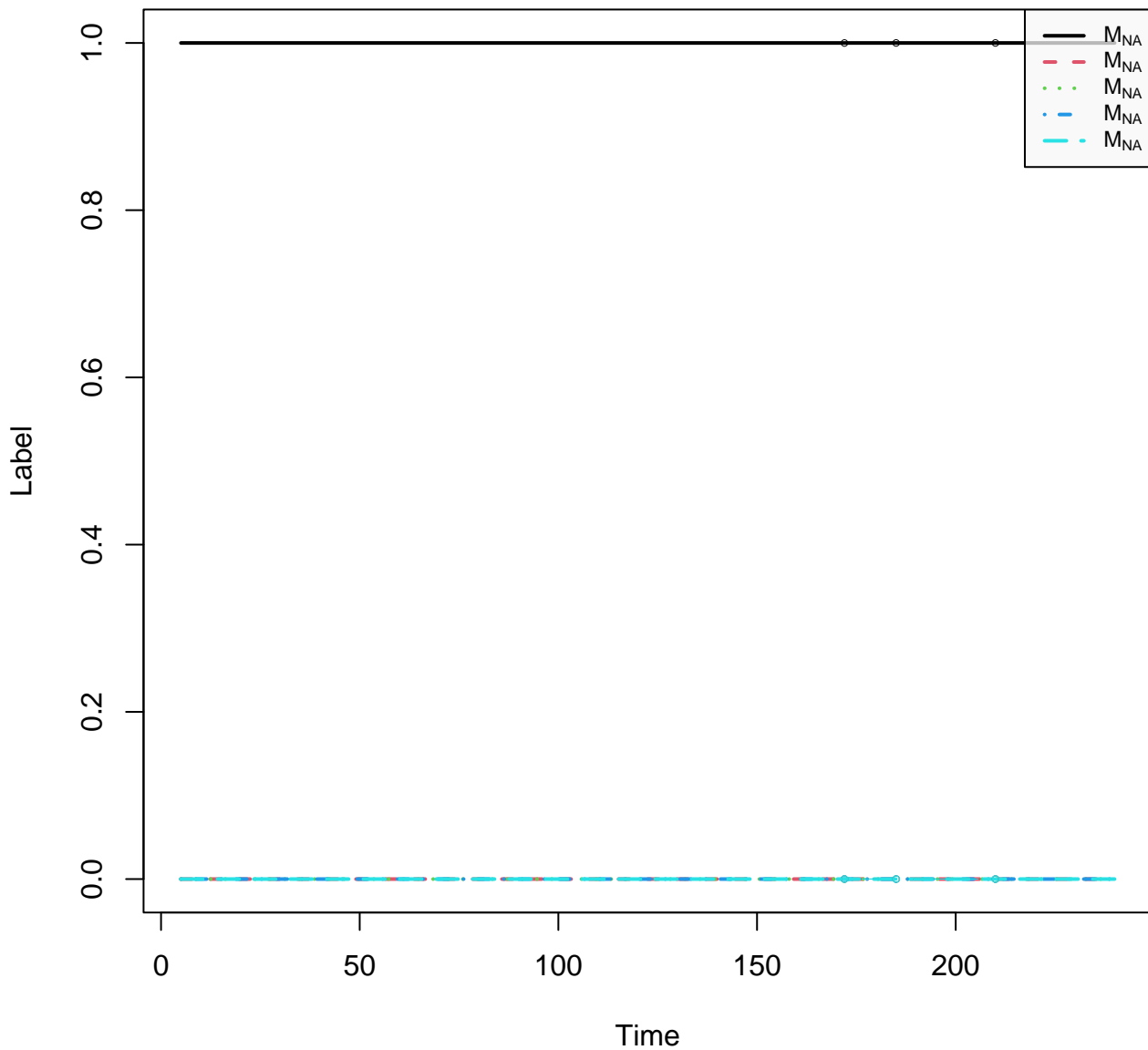
# Rib5P\_out



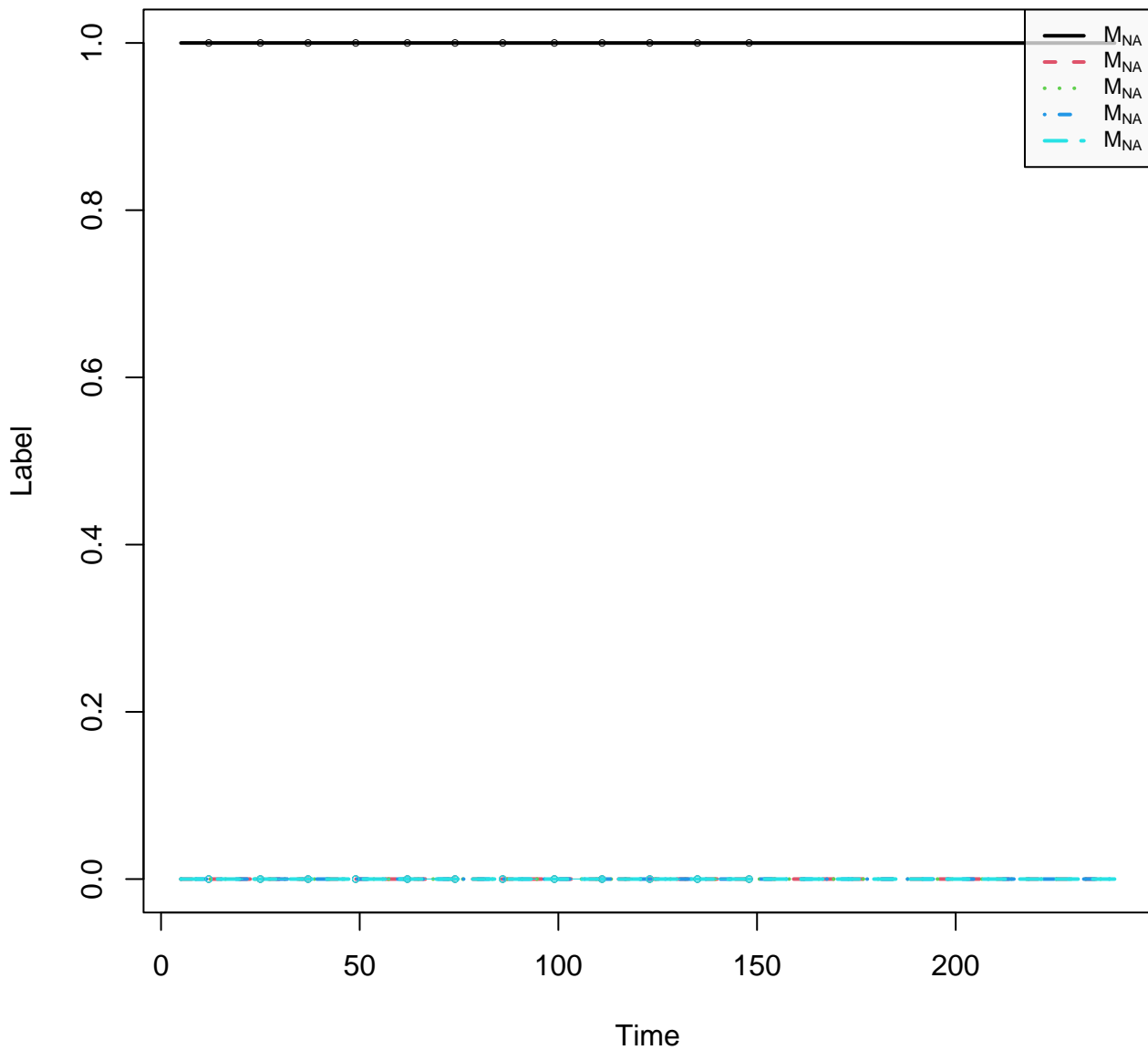
# Rib5P+Rib5P+Xyl5P+Rib5P\_out+Rib5P\_out+Xyl5P\_out



# Suc\_out

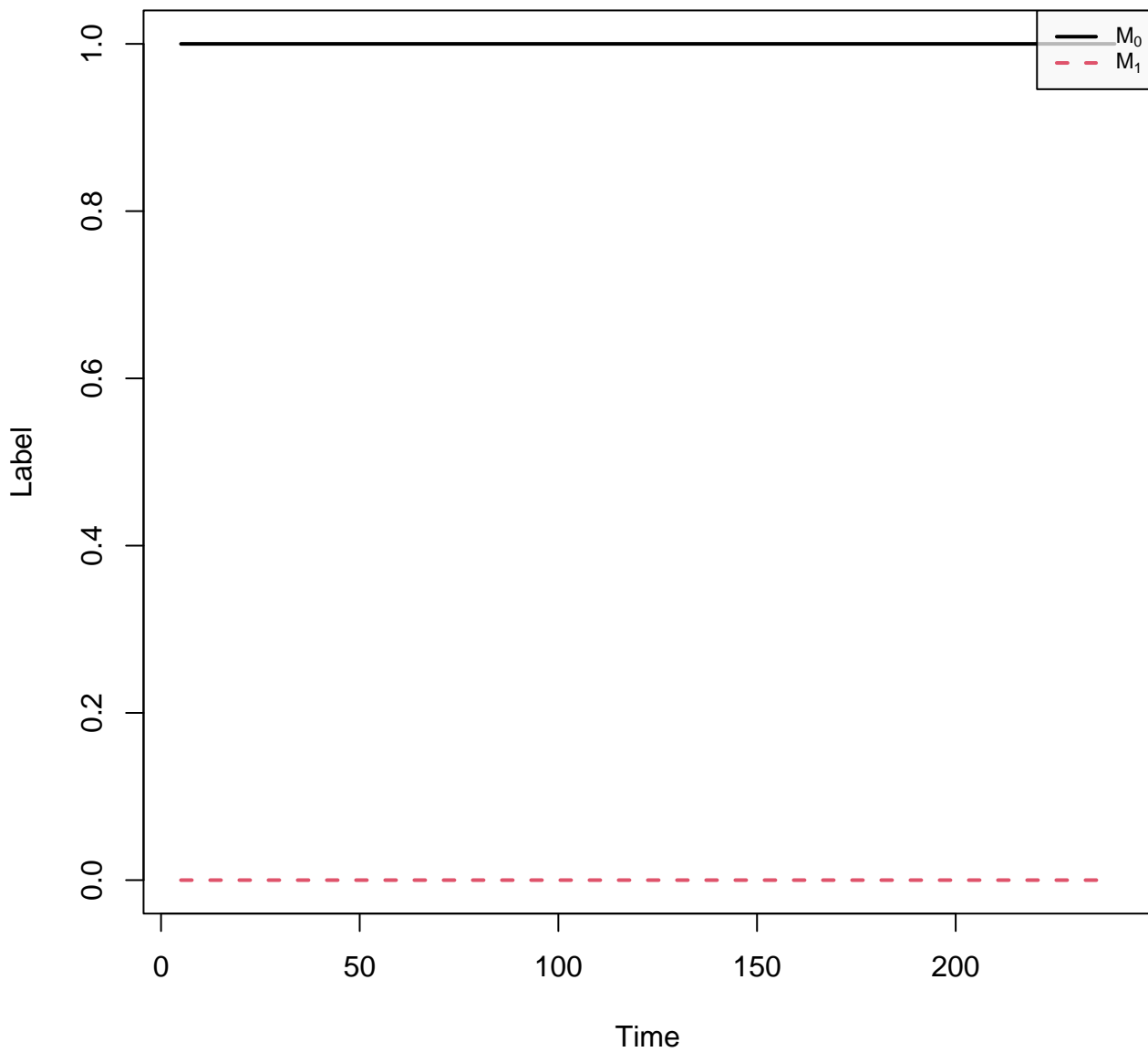


# Suc+Suc\_out

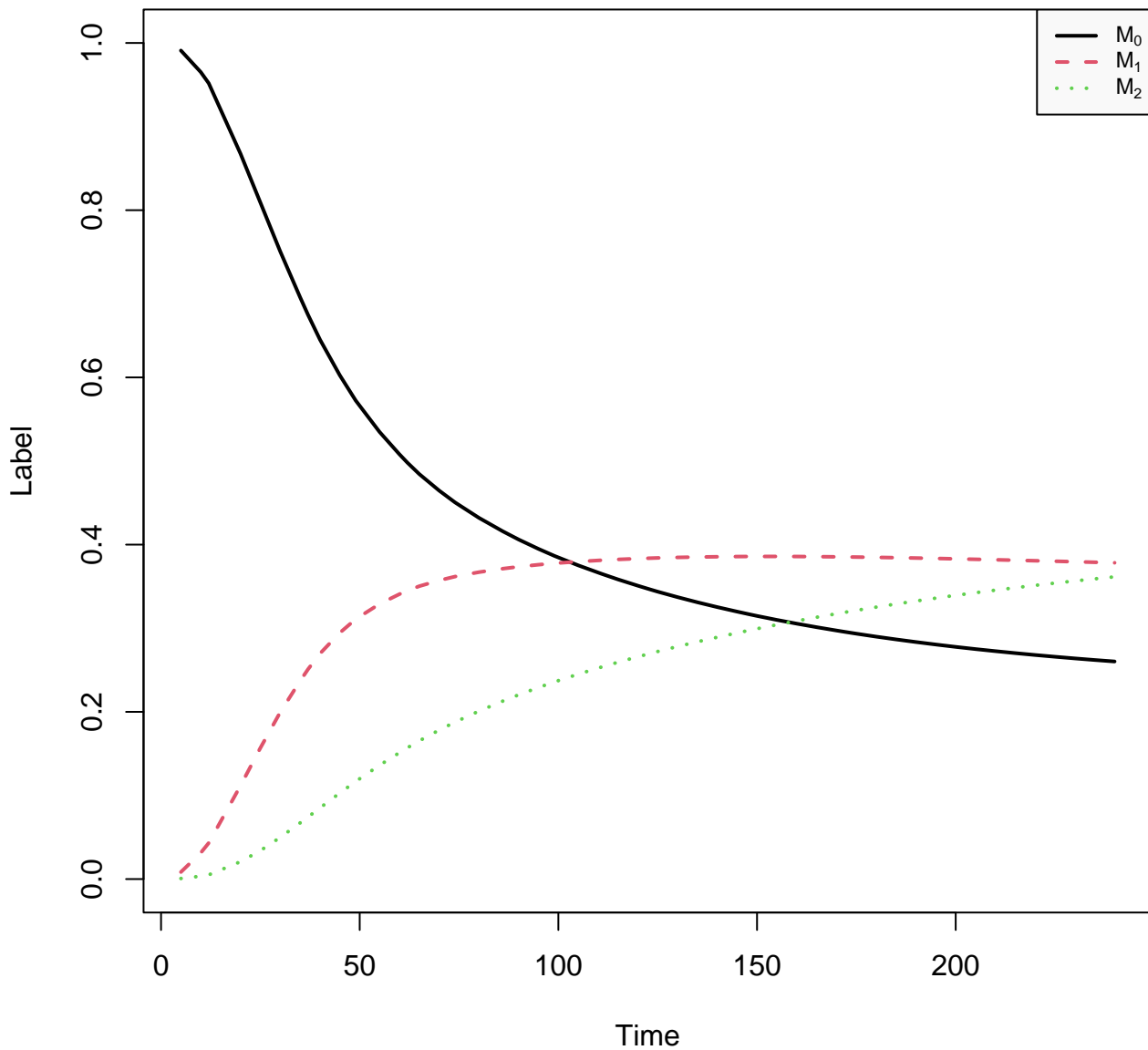


MS simulations

# a\_detox

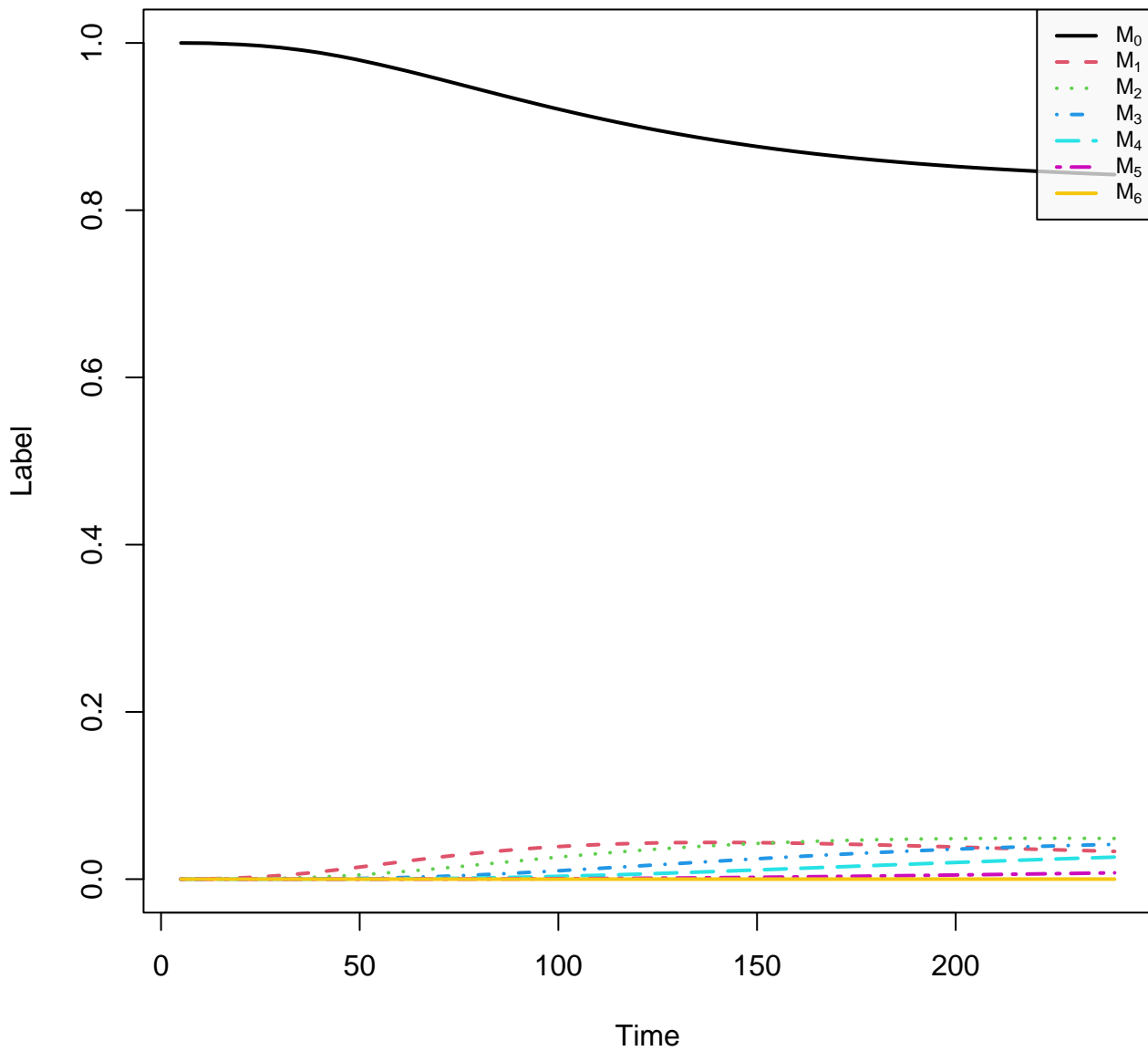


# AcCoA

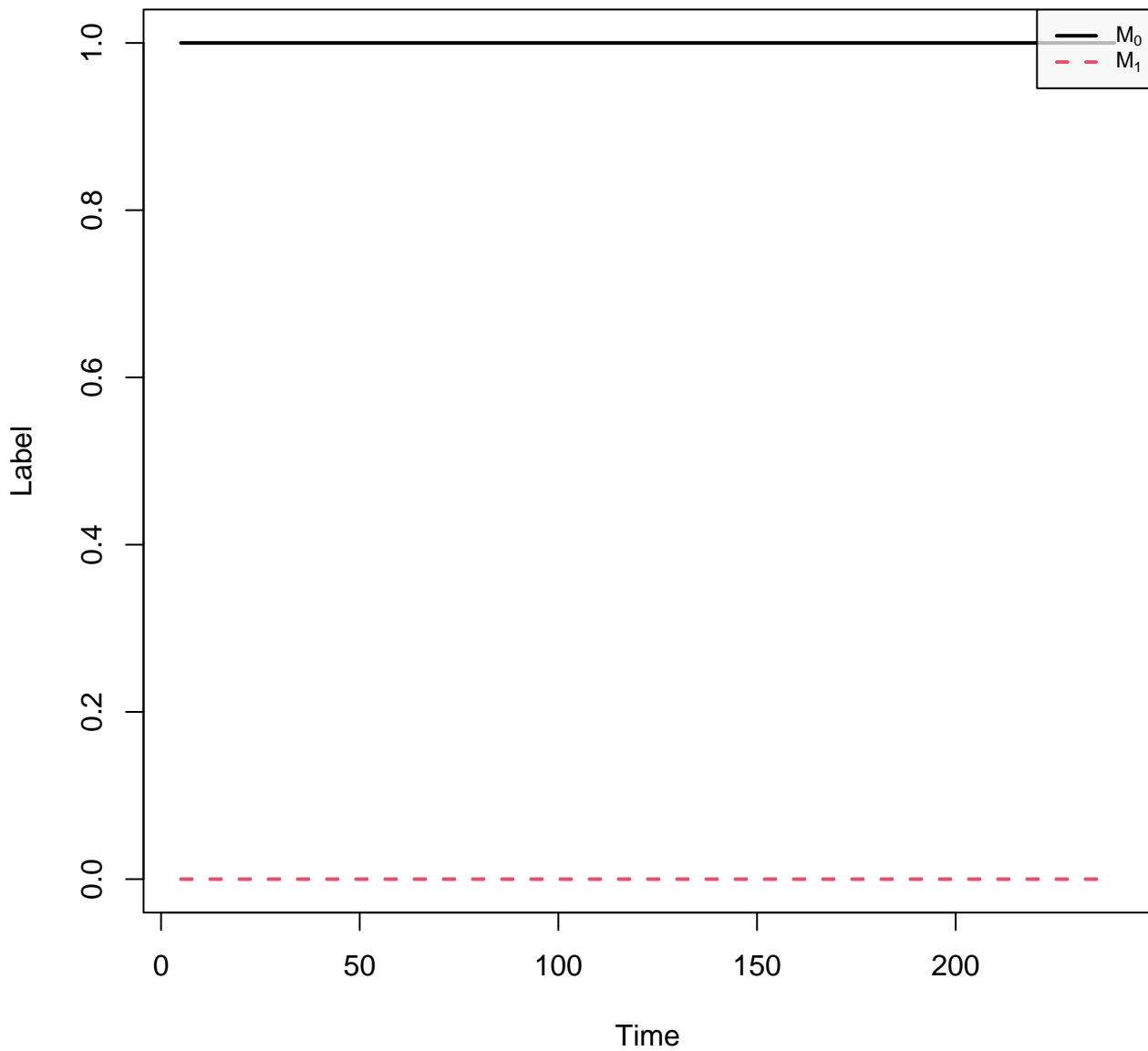




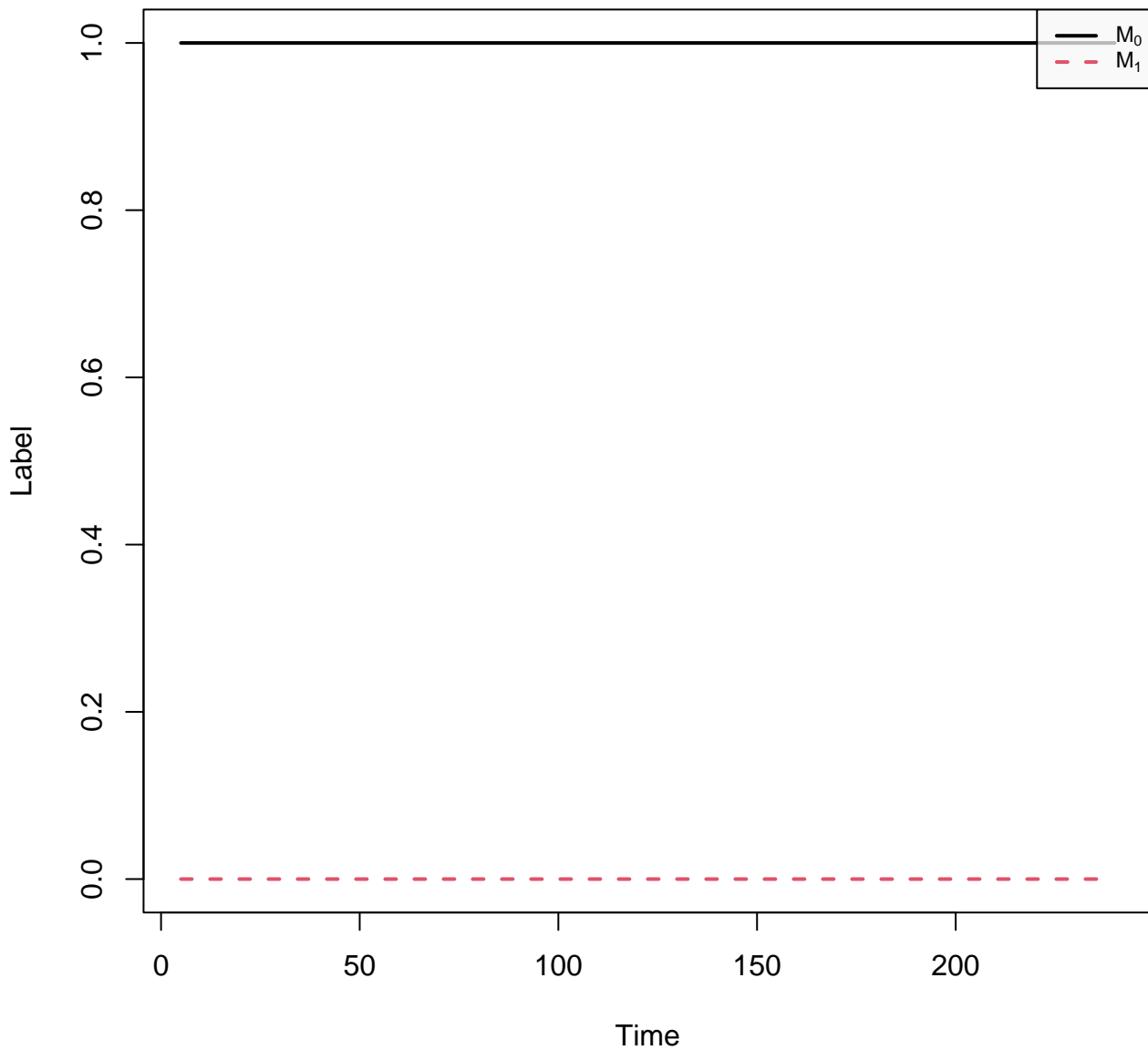
# Aco



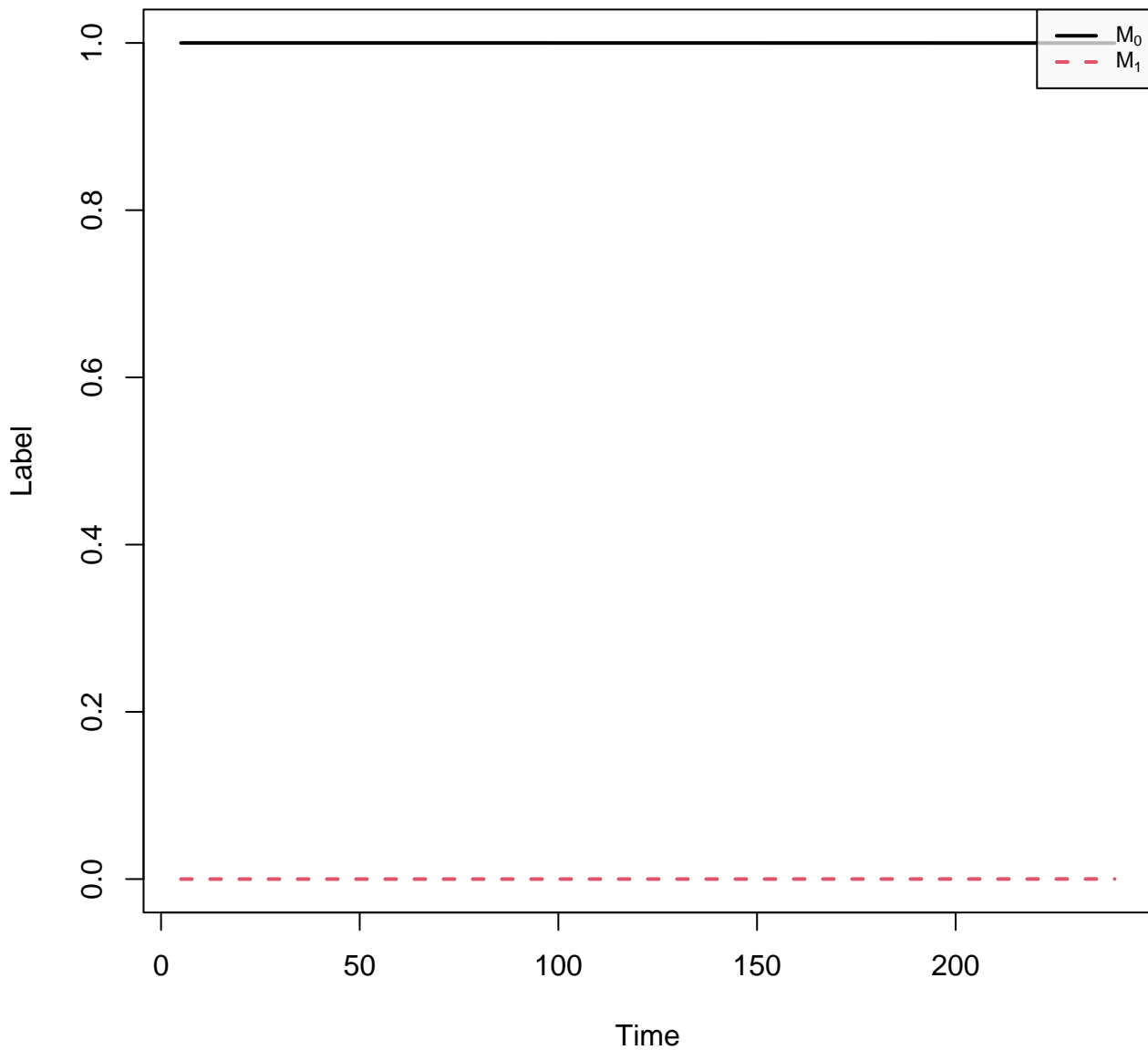
# AKV



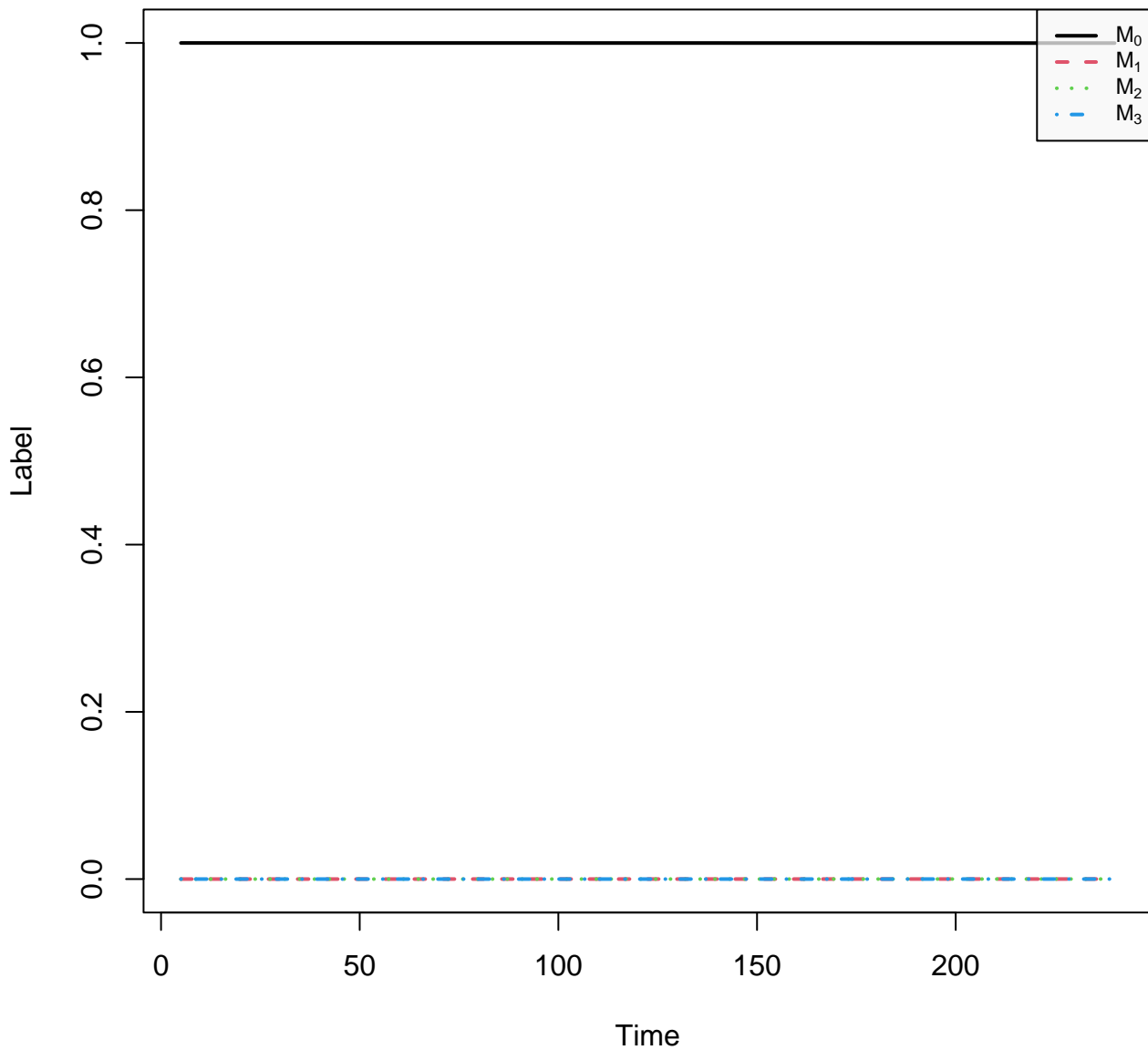
# b\_detox



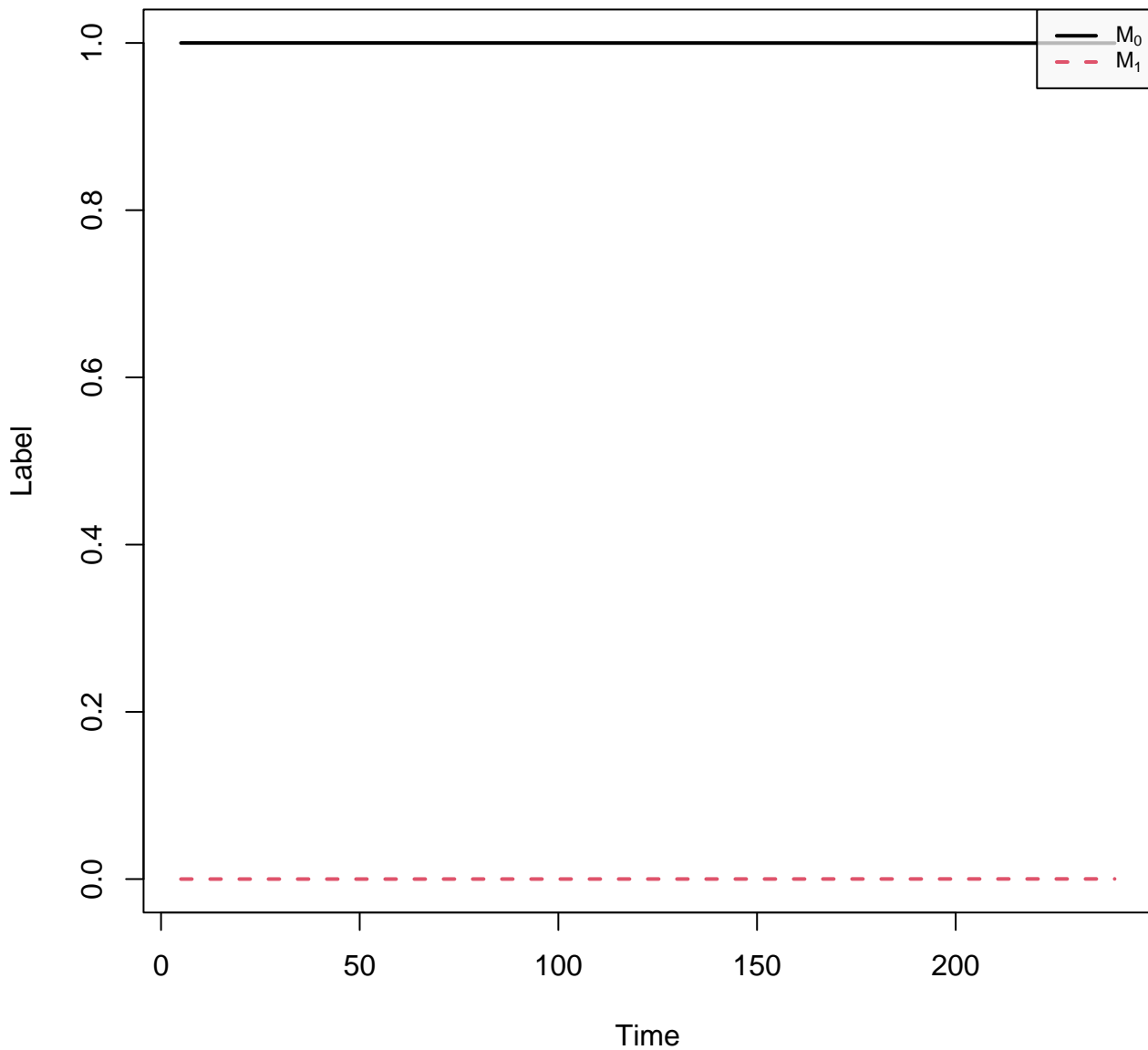
# BM\_OAA



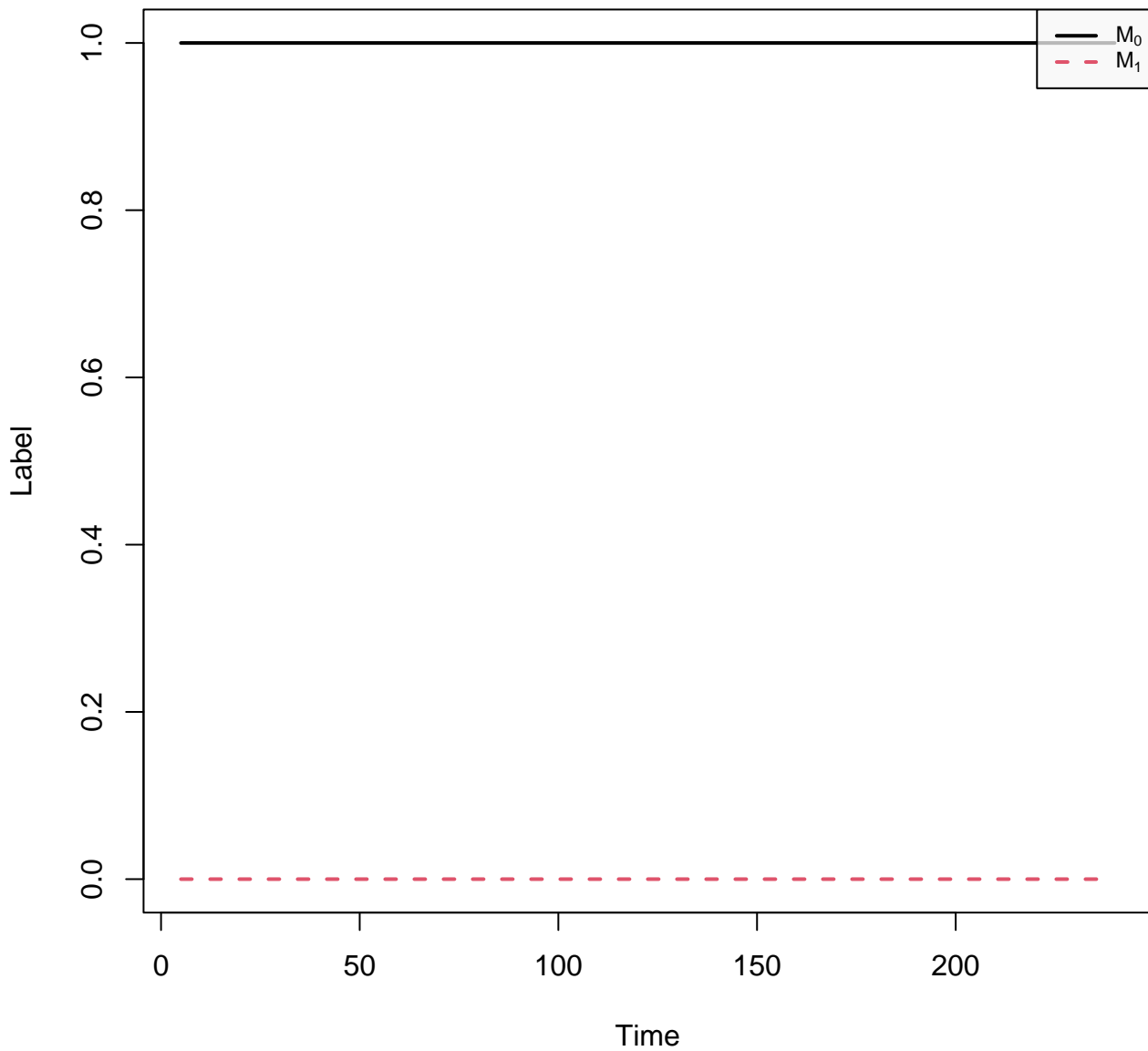
# BM\_PEP



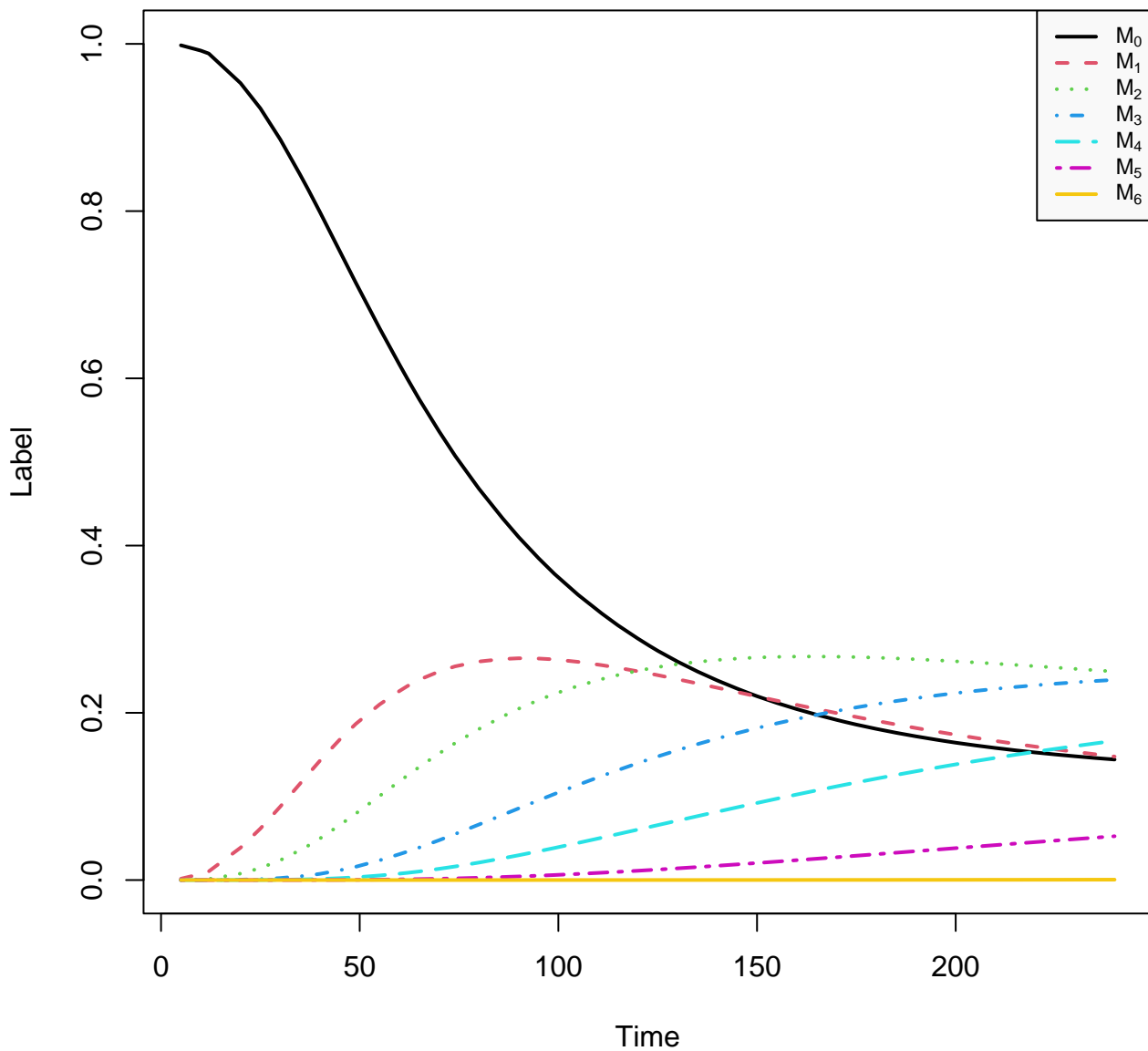
# BM\_Pyr



# c\_detox

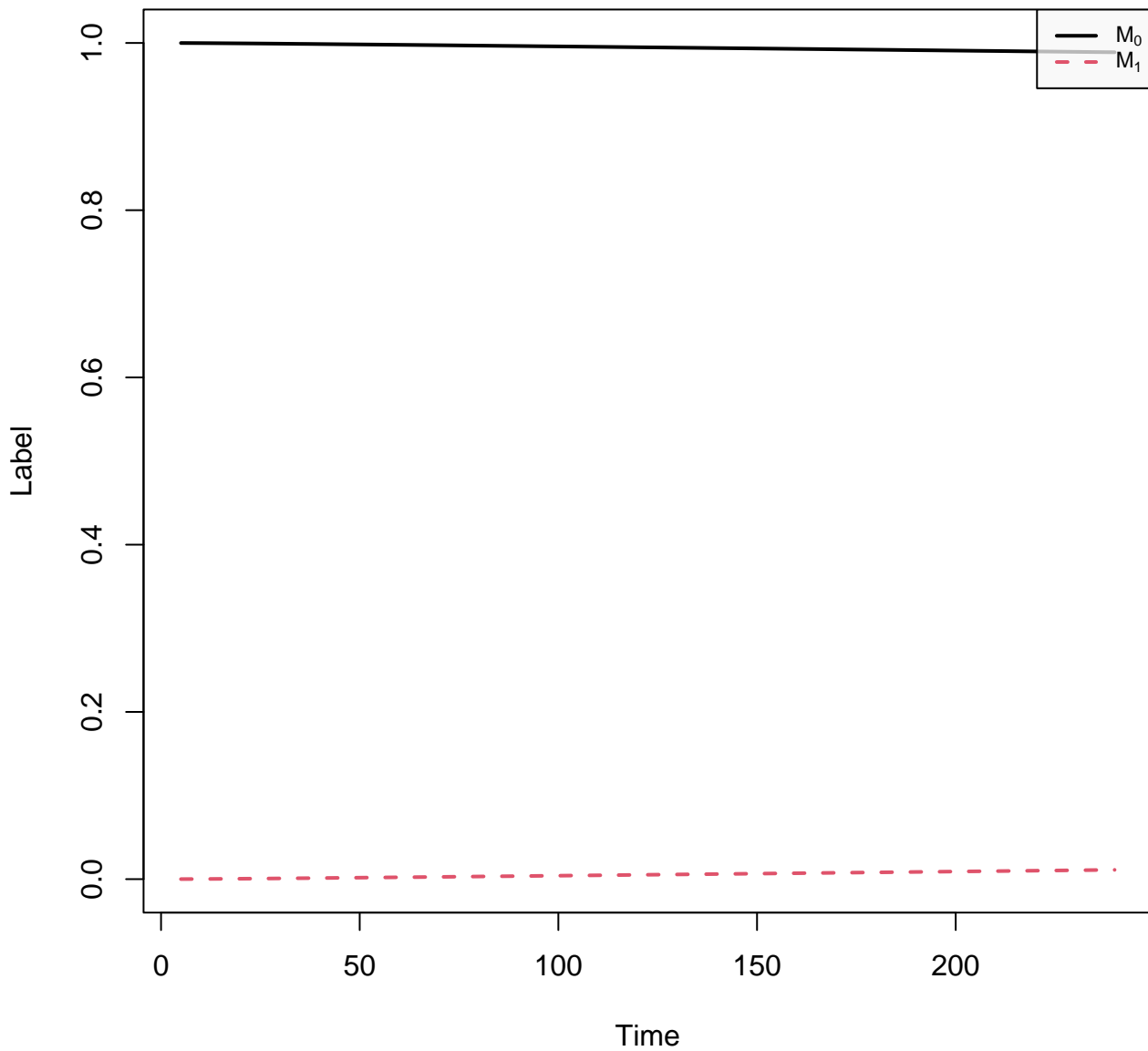


Cit

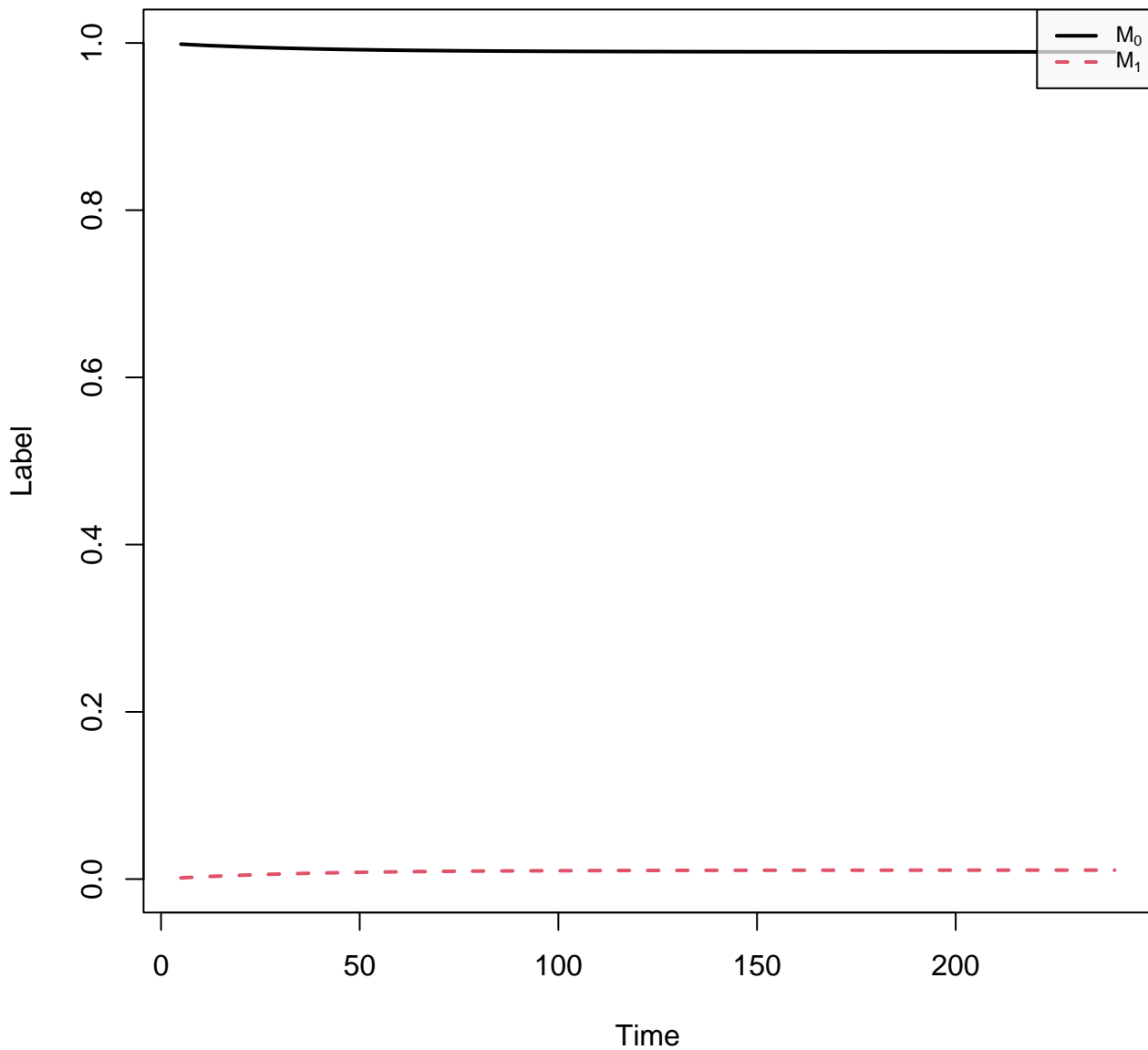




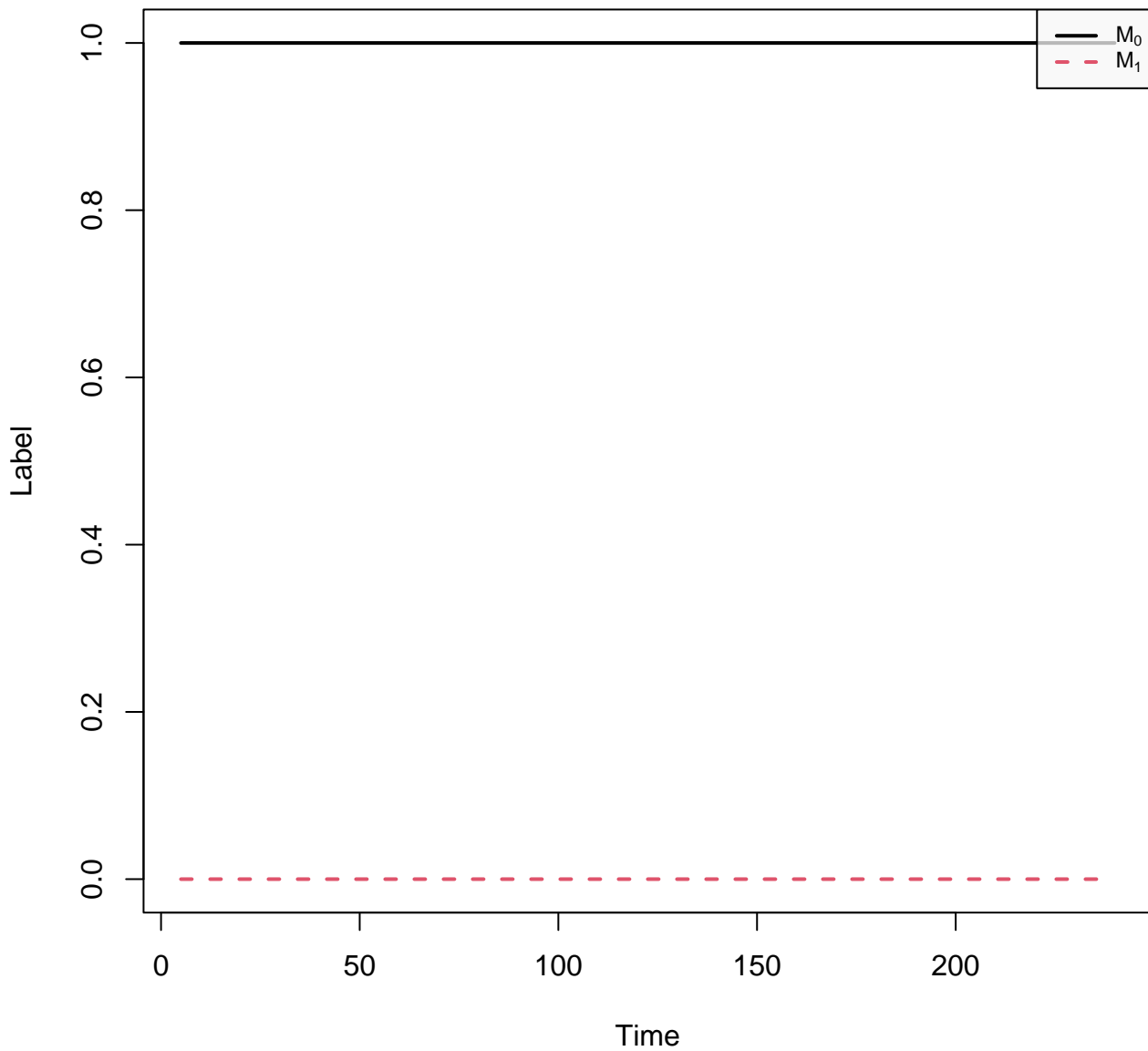
# CO2



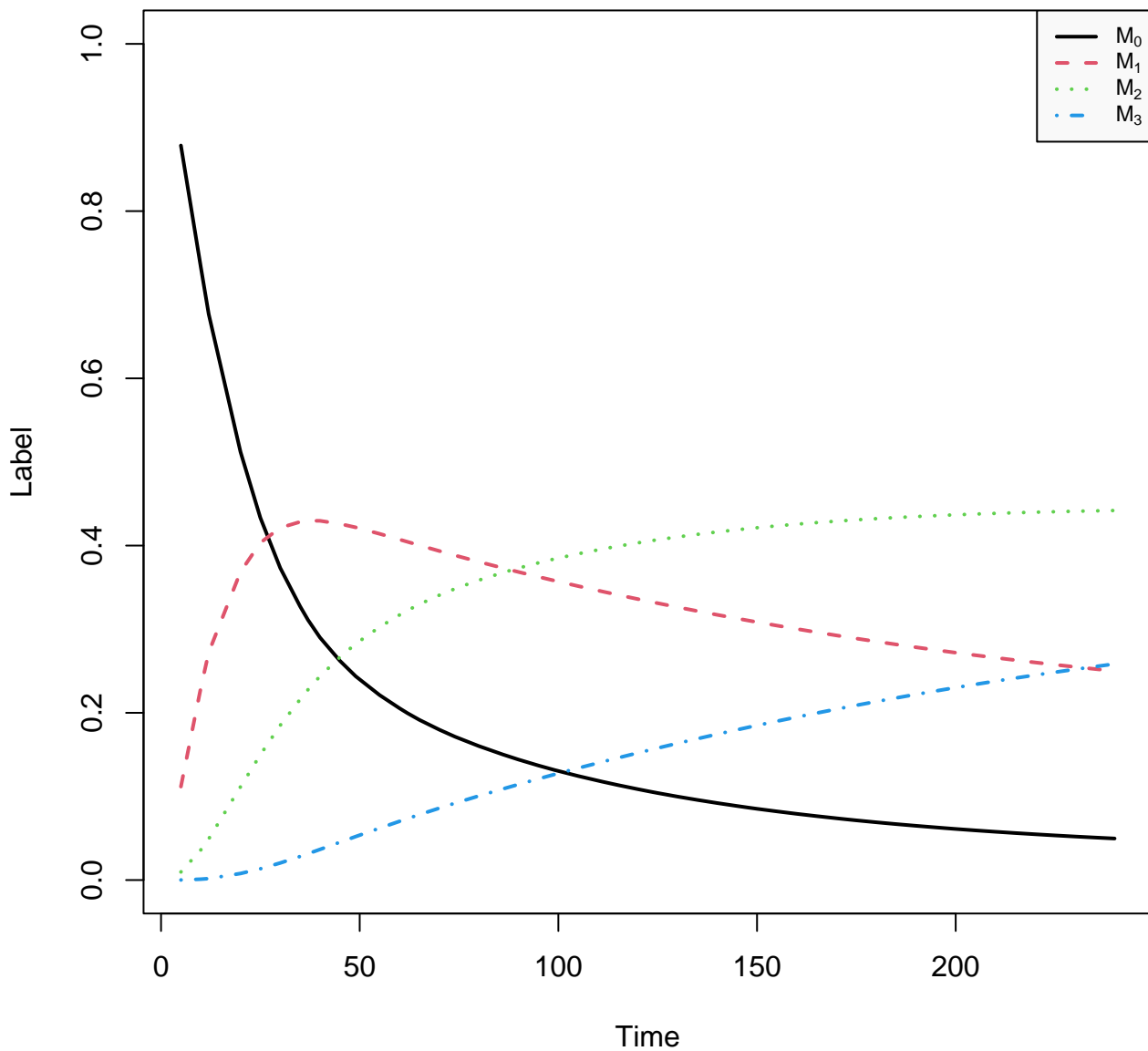
# co2\_out



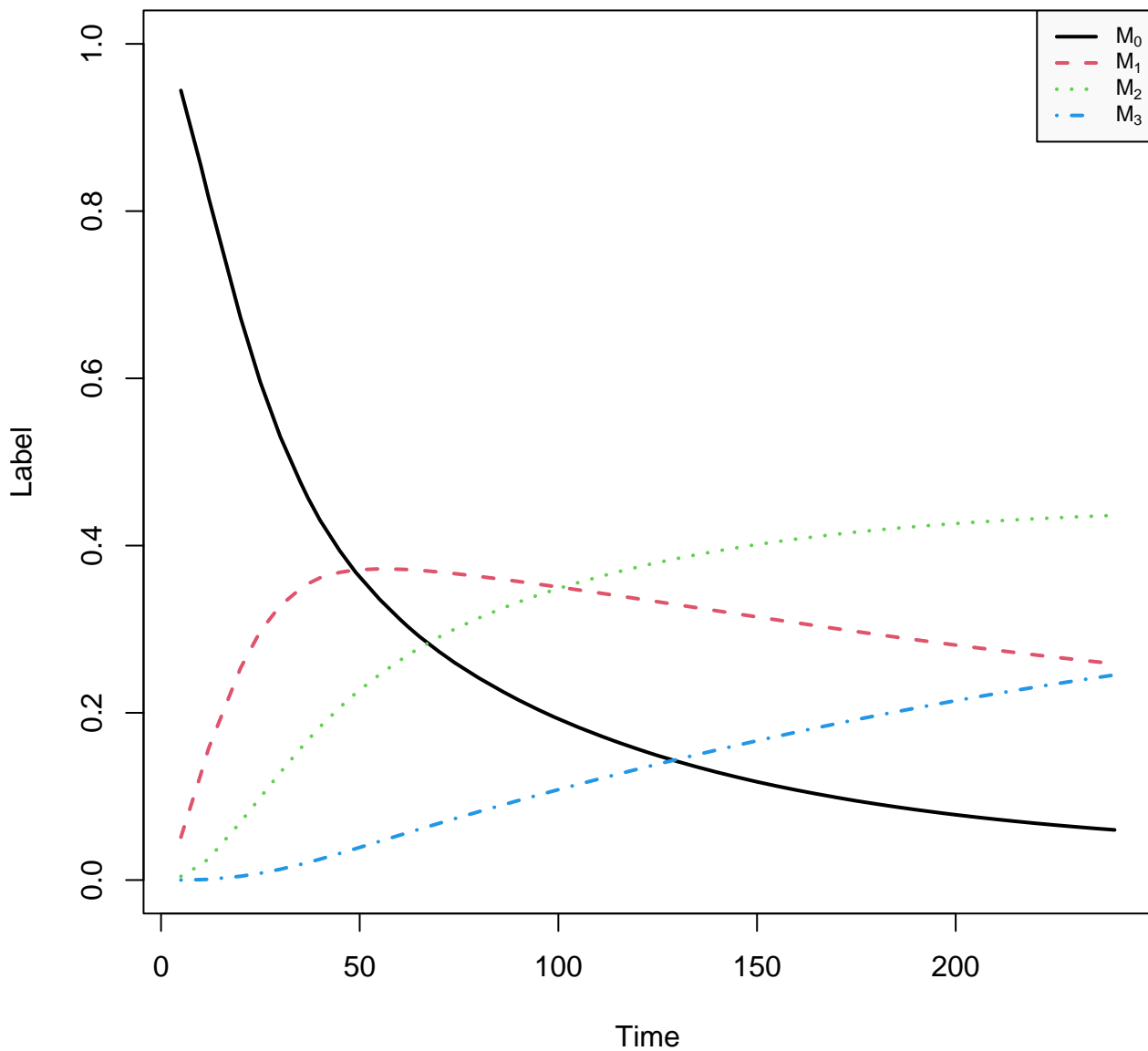
# DAHP



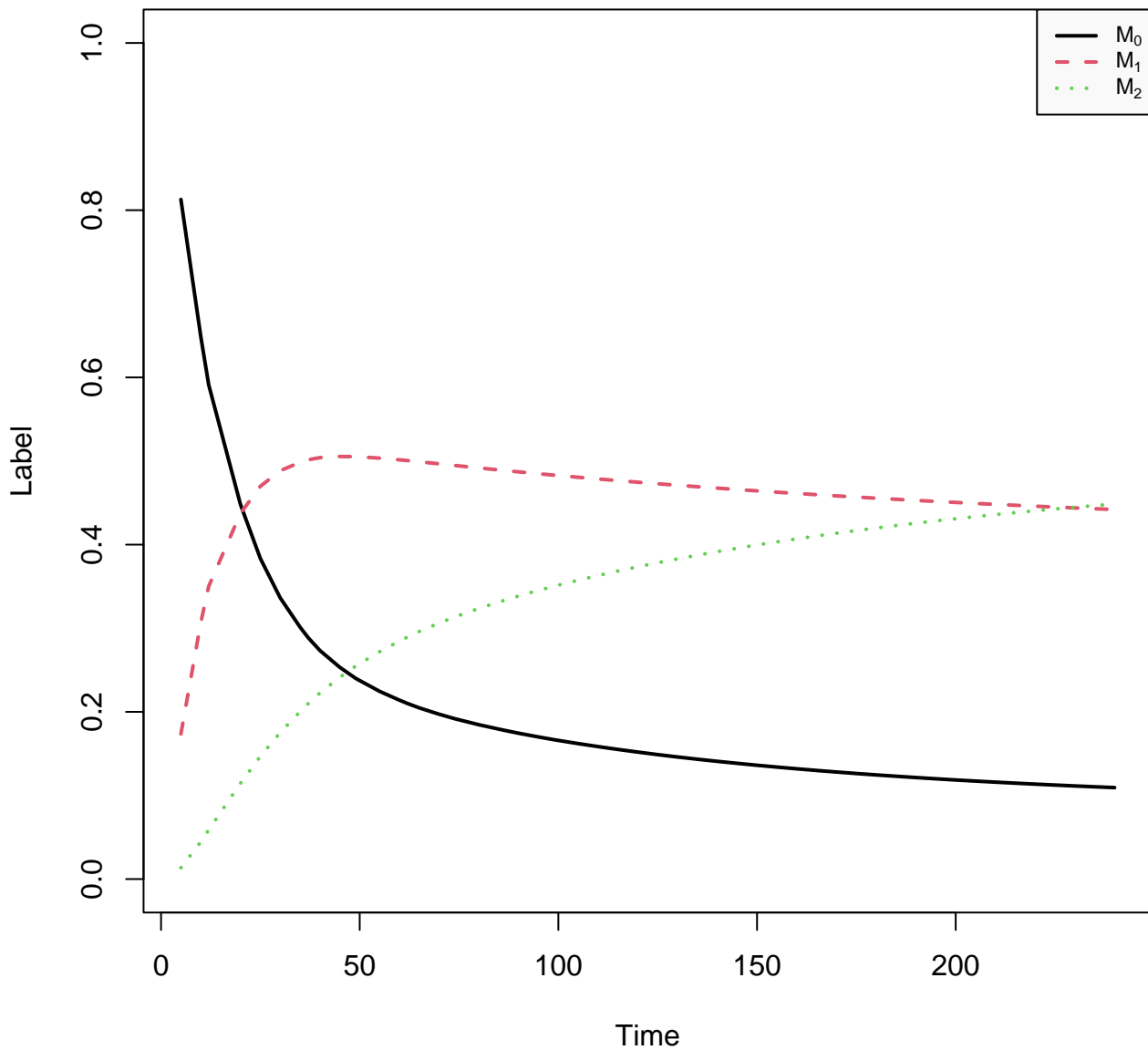
# DHAP



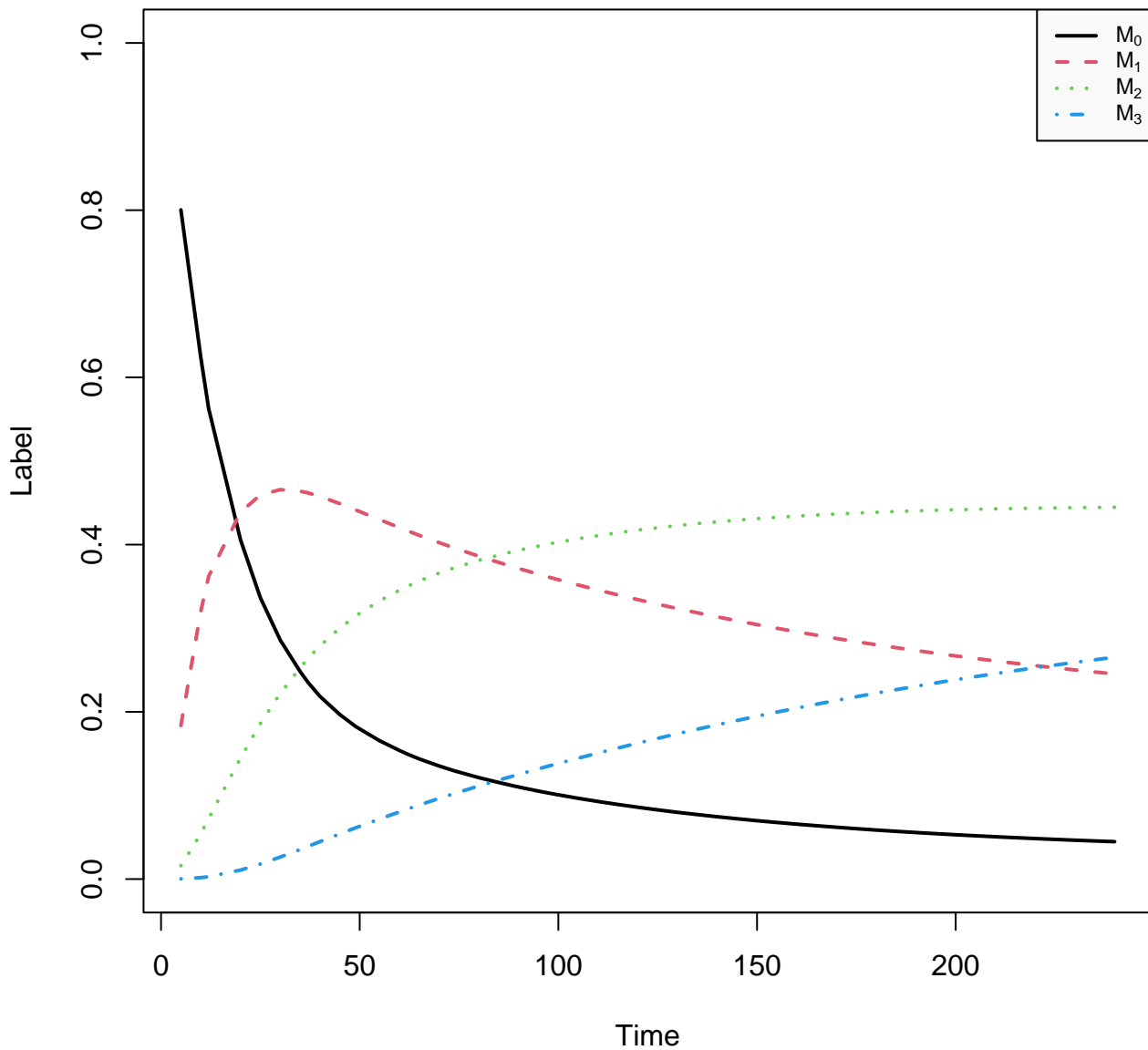
# DPG



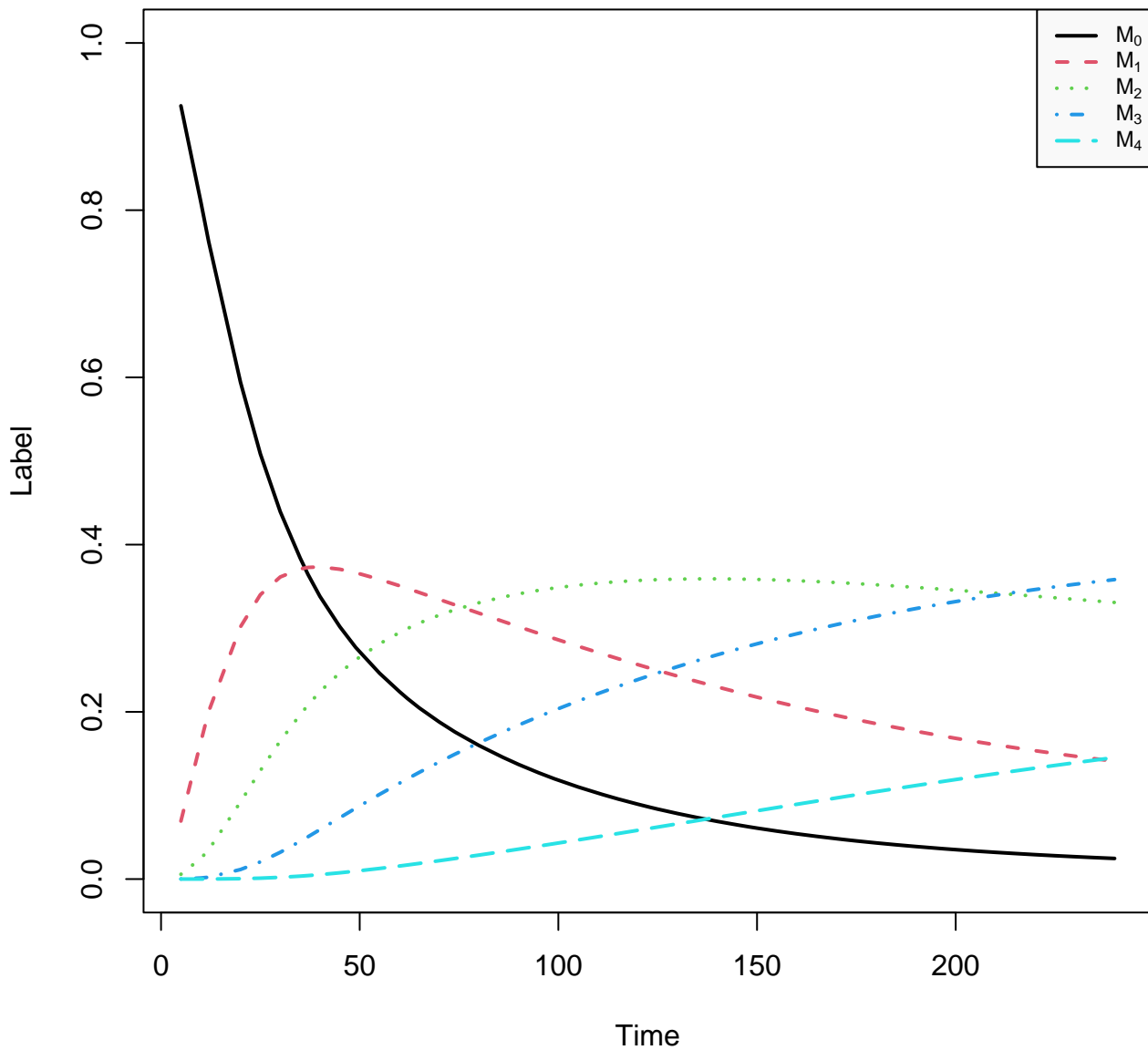
E2



### E3

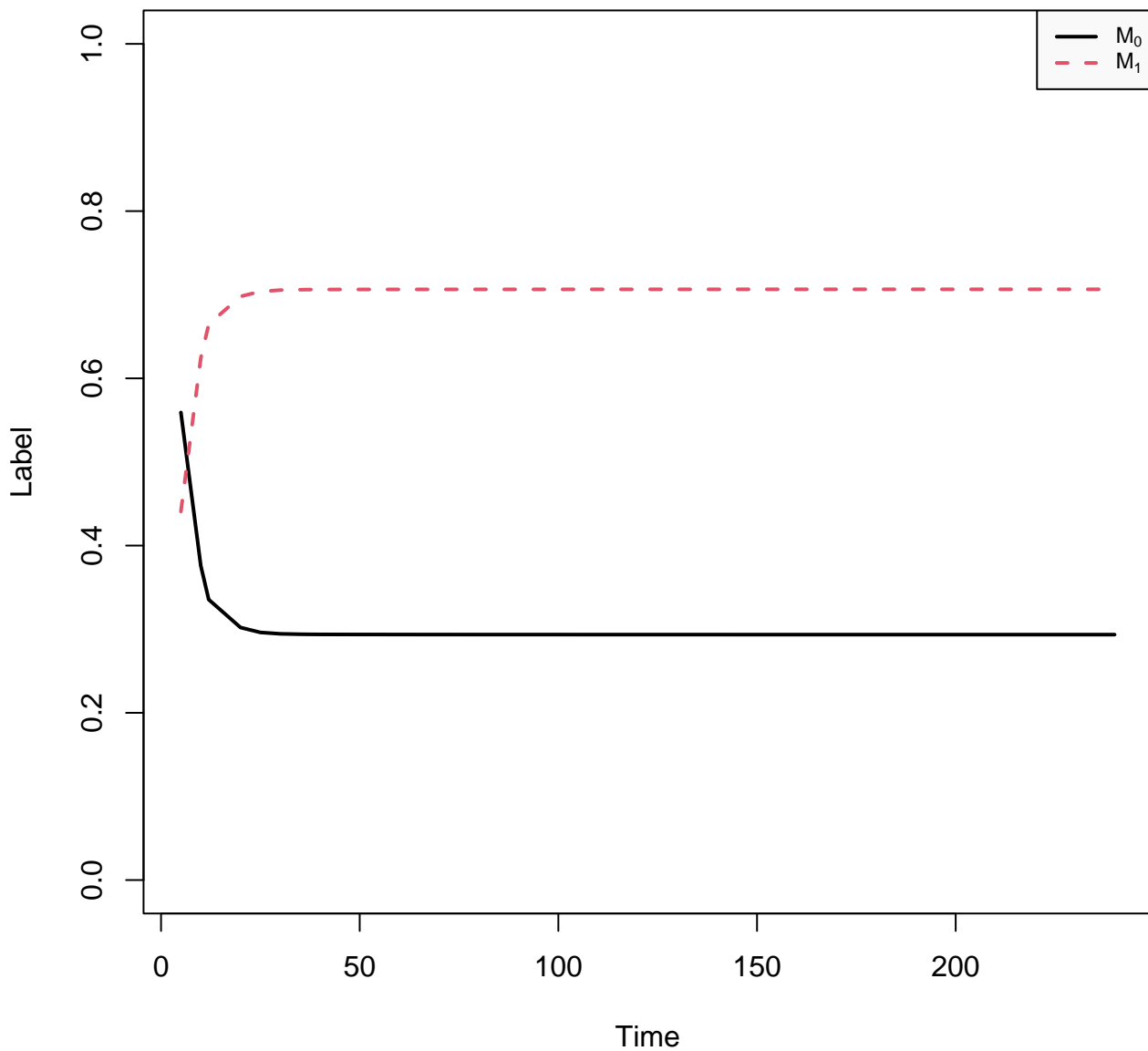


# Ery4P

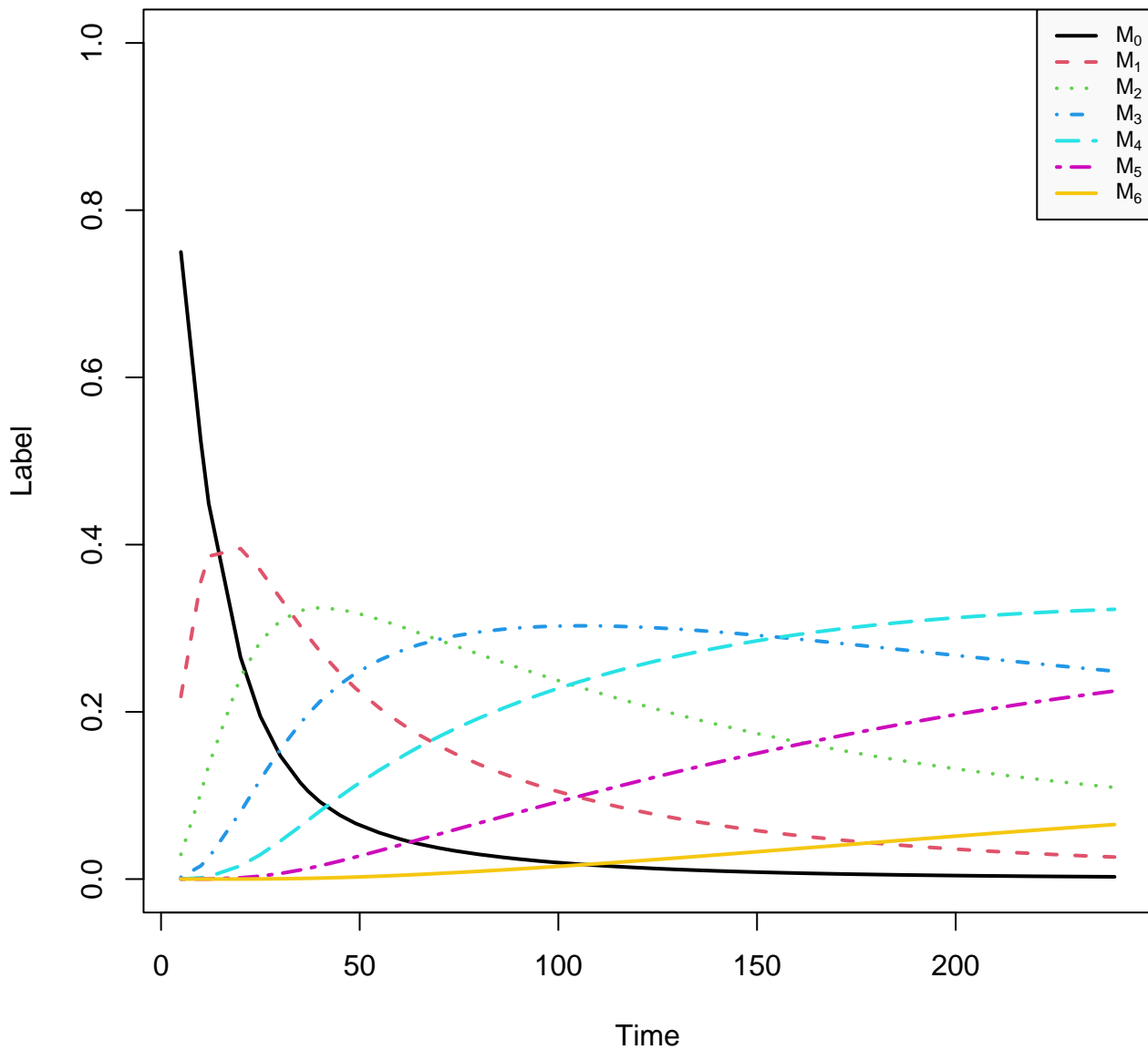




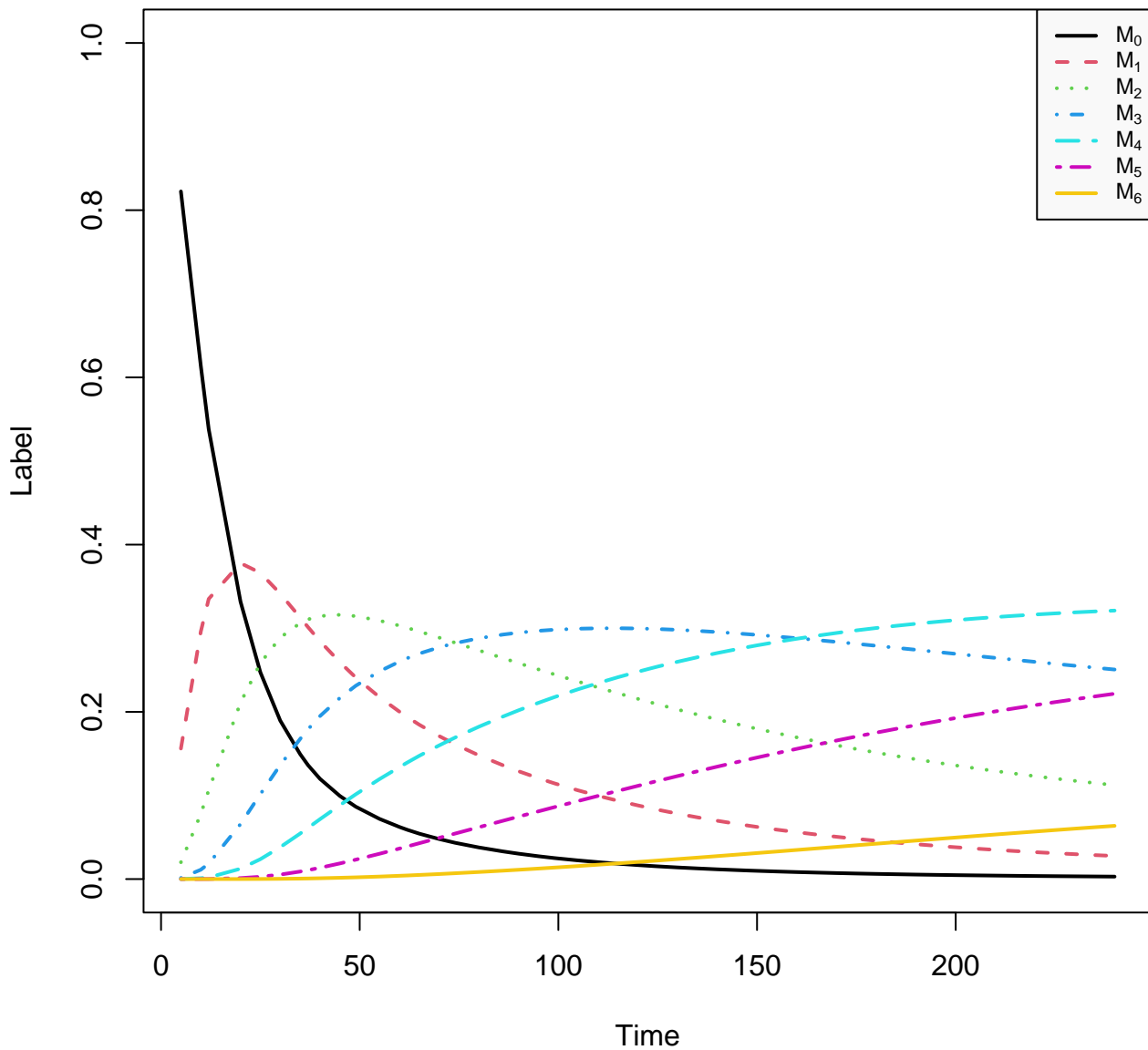
For



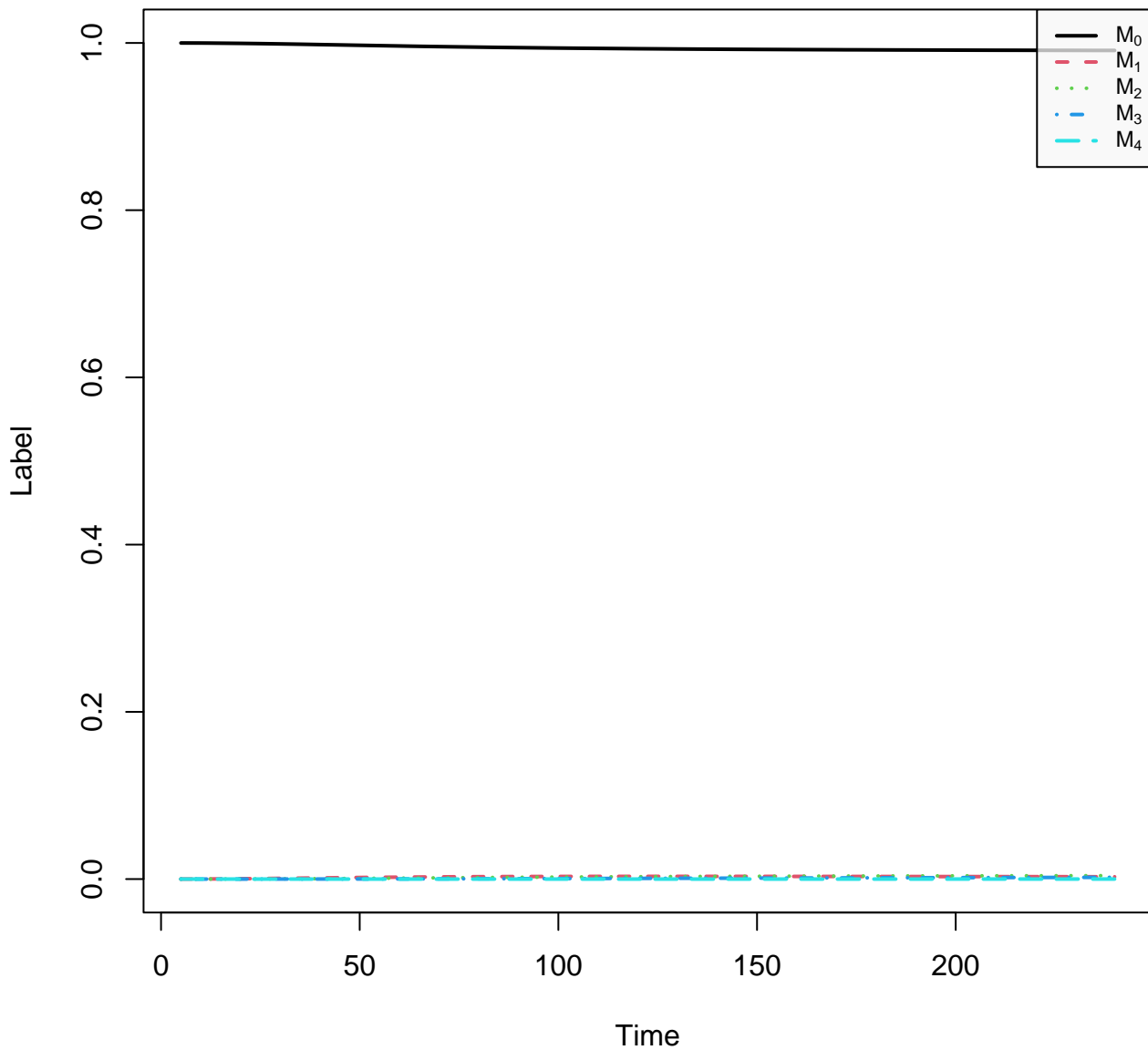
# Fru6P



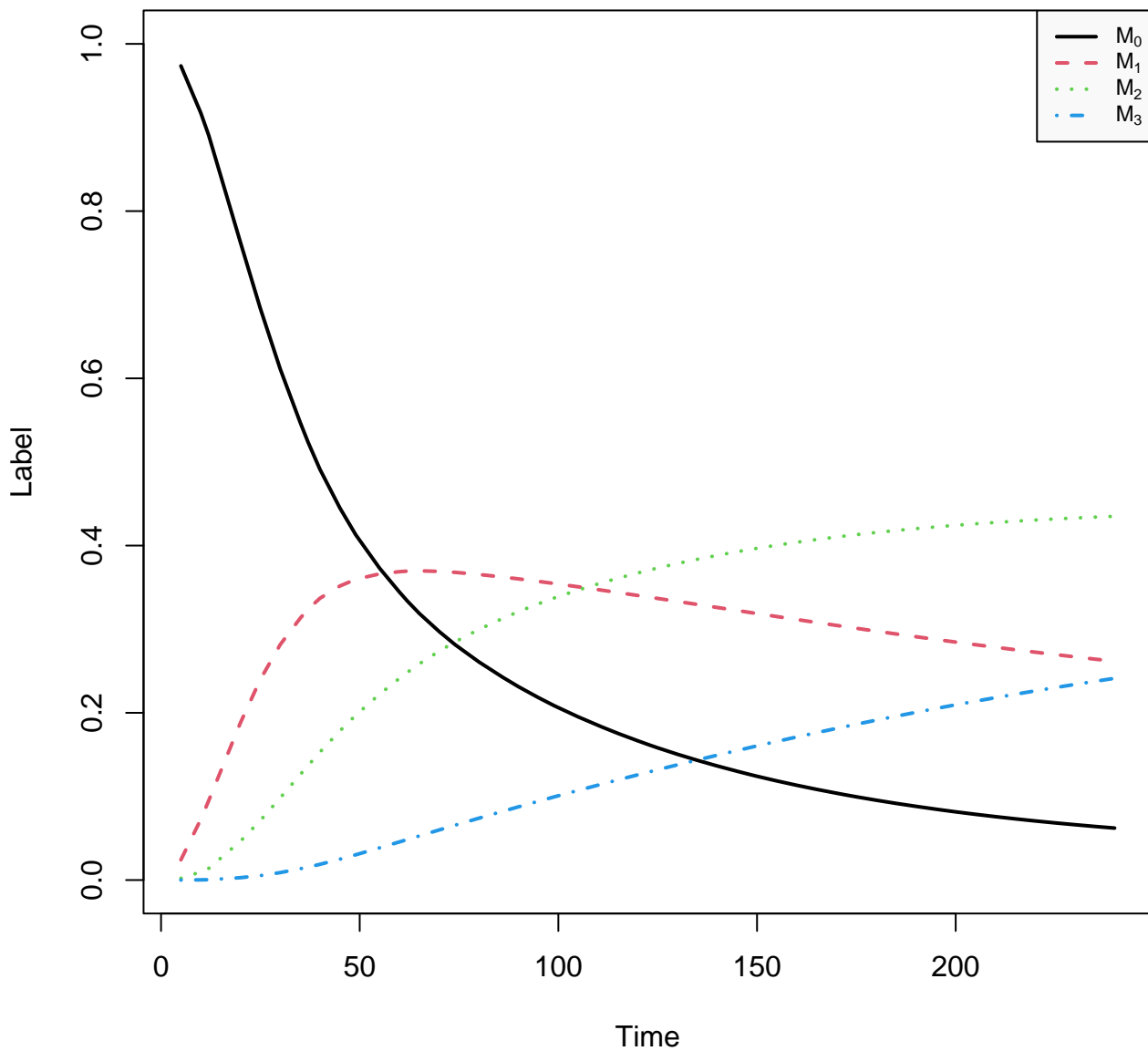
# FruBP



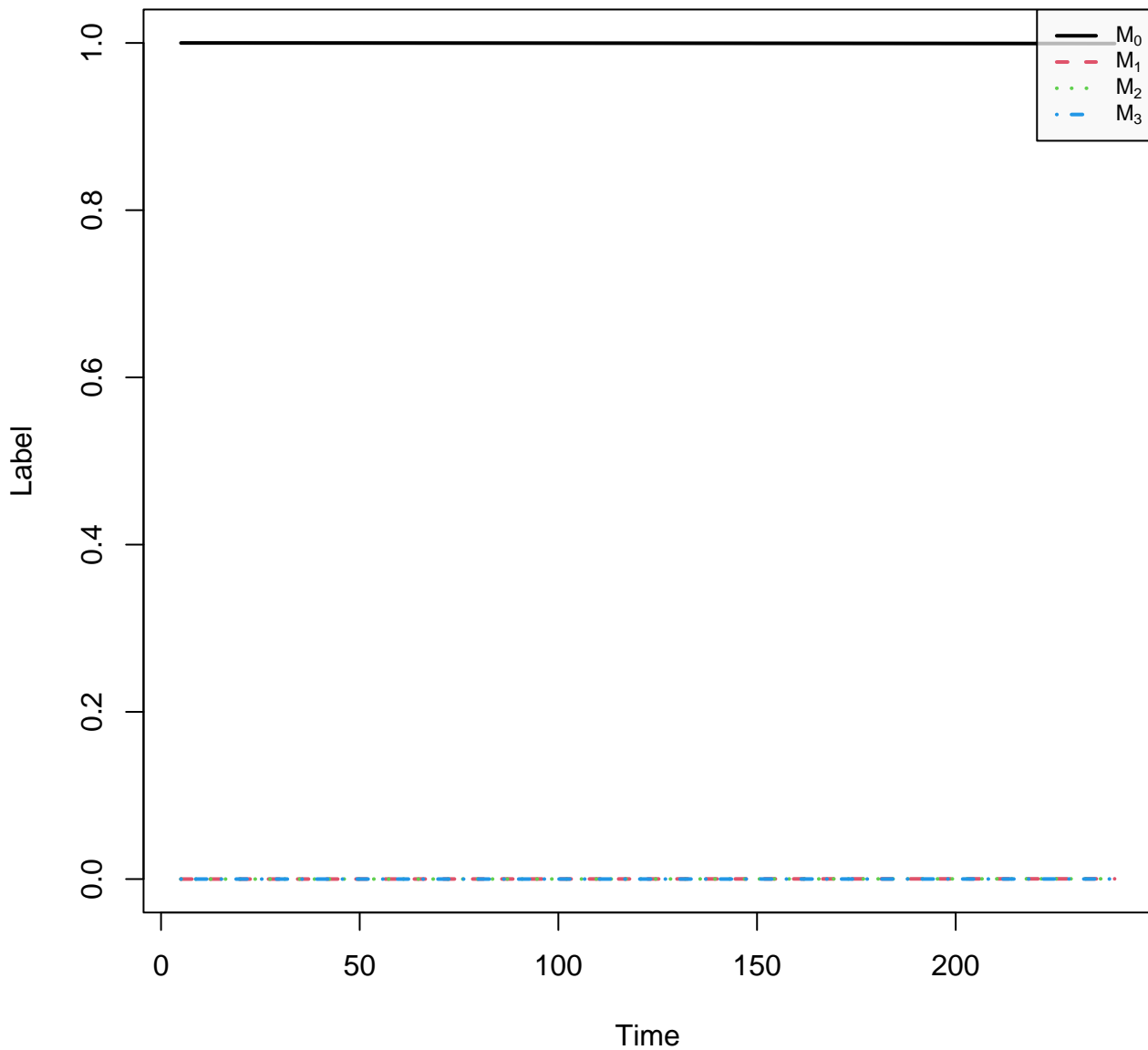
# Fum



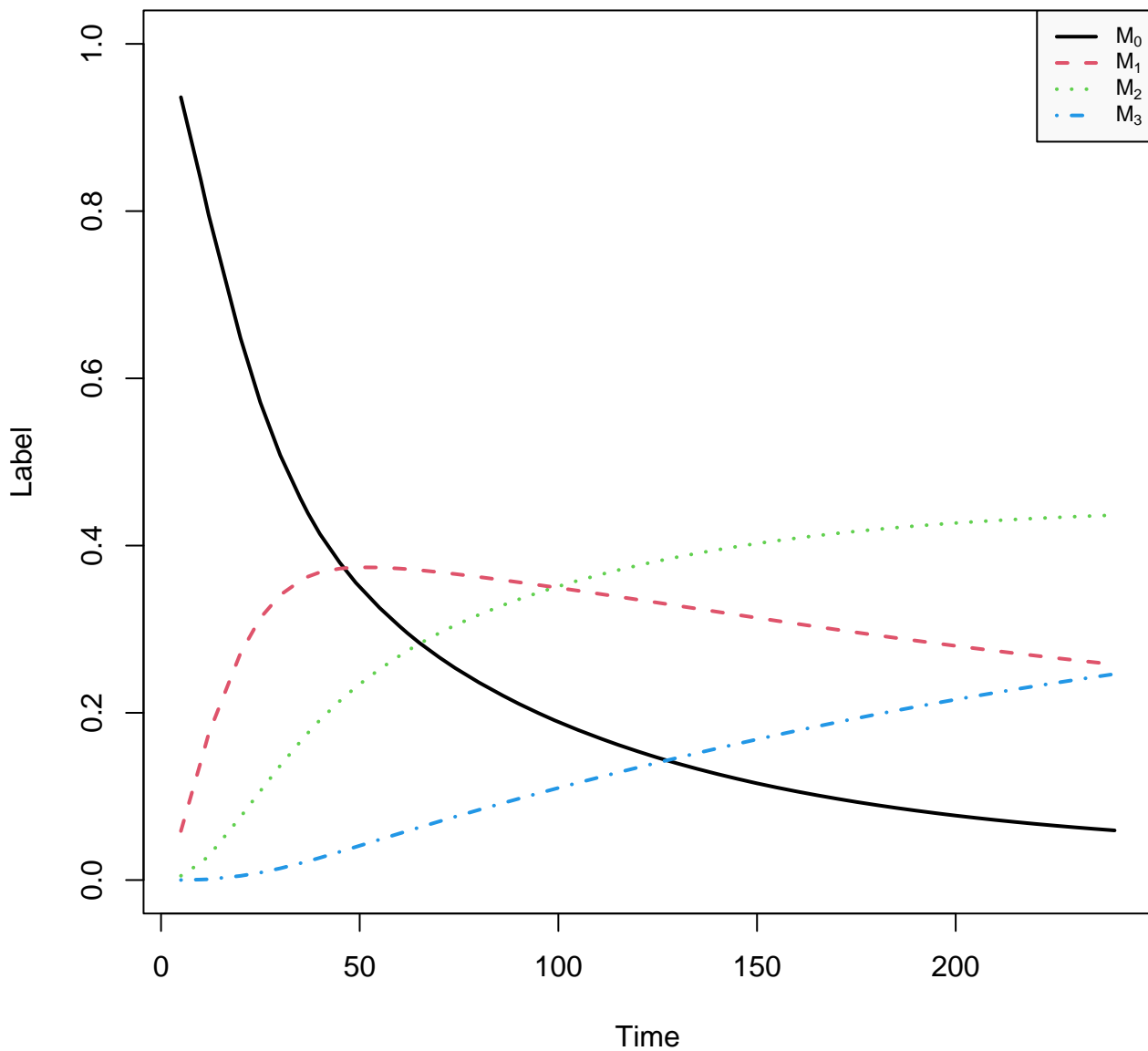
# G3P



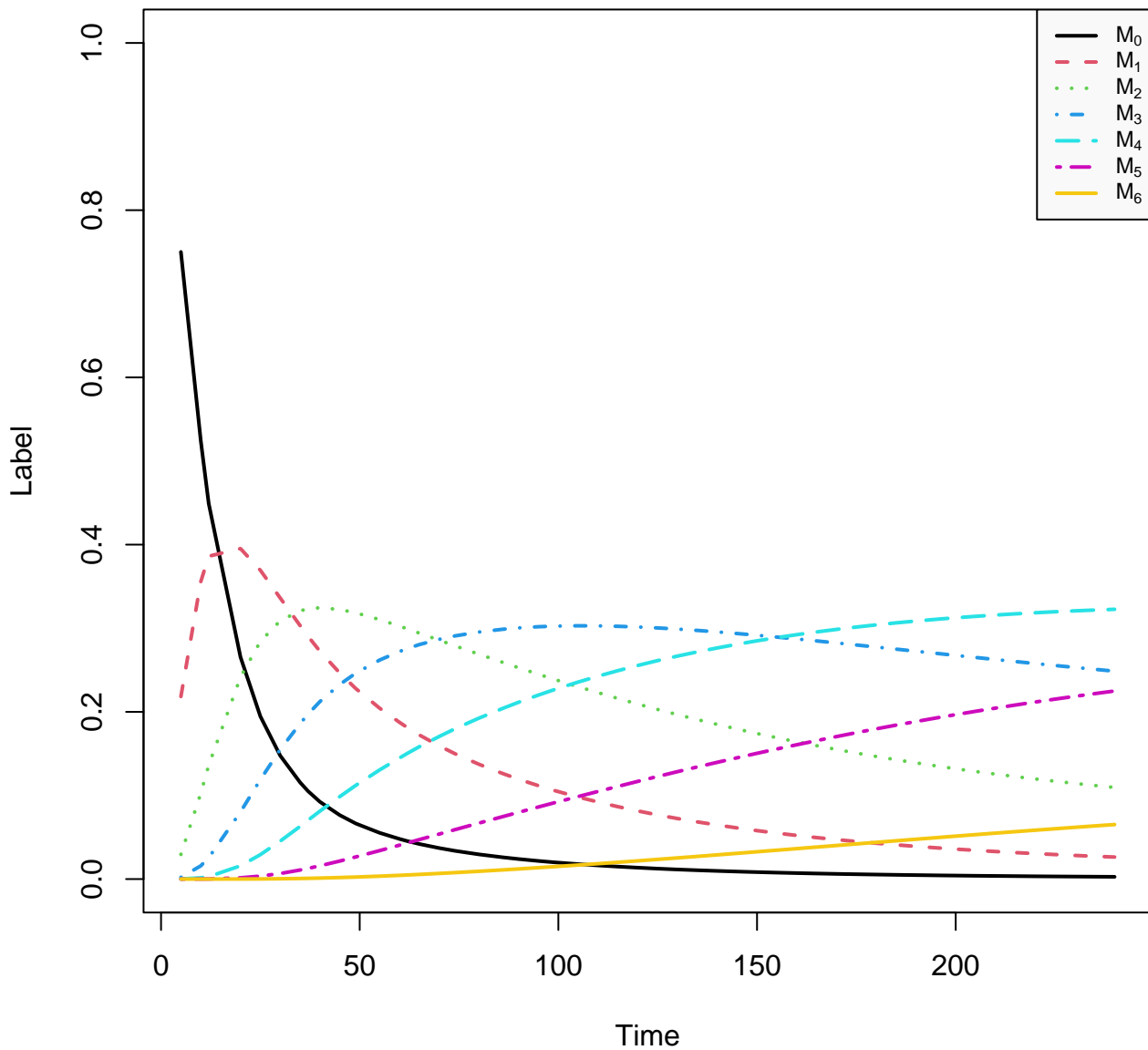
# G3P\_out



# GAP

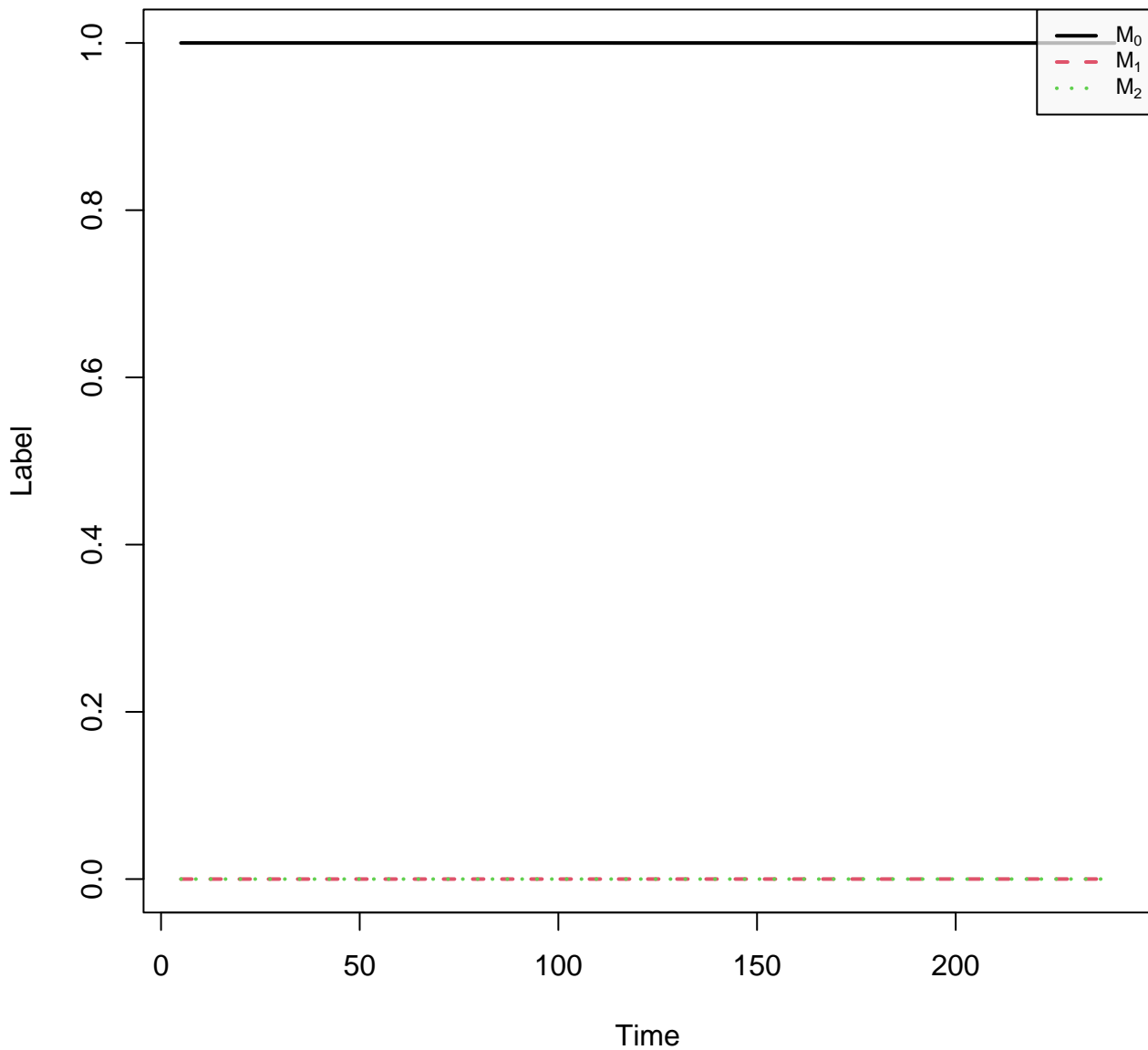


# Glc6P

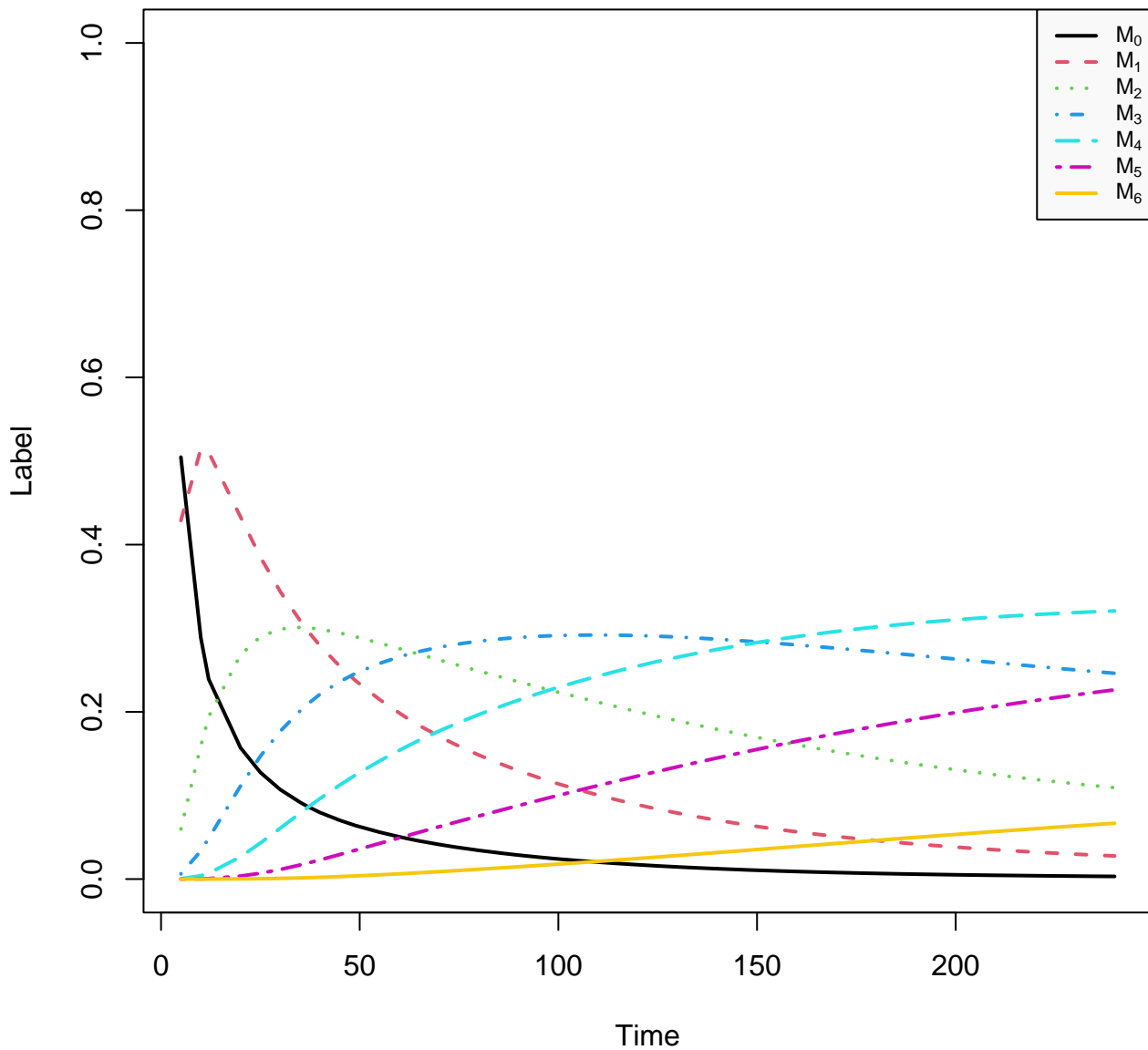




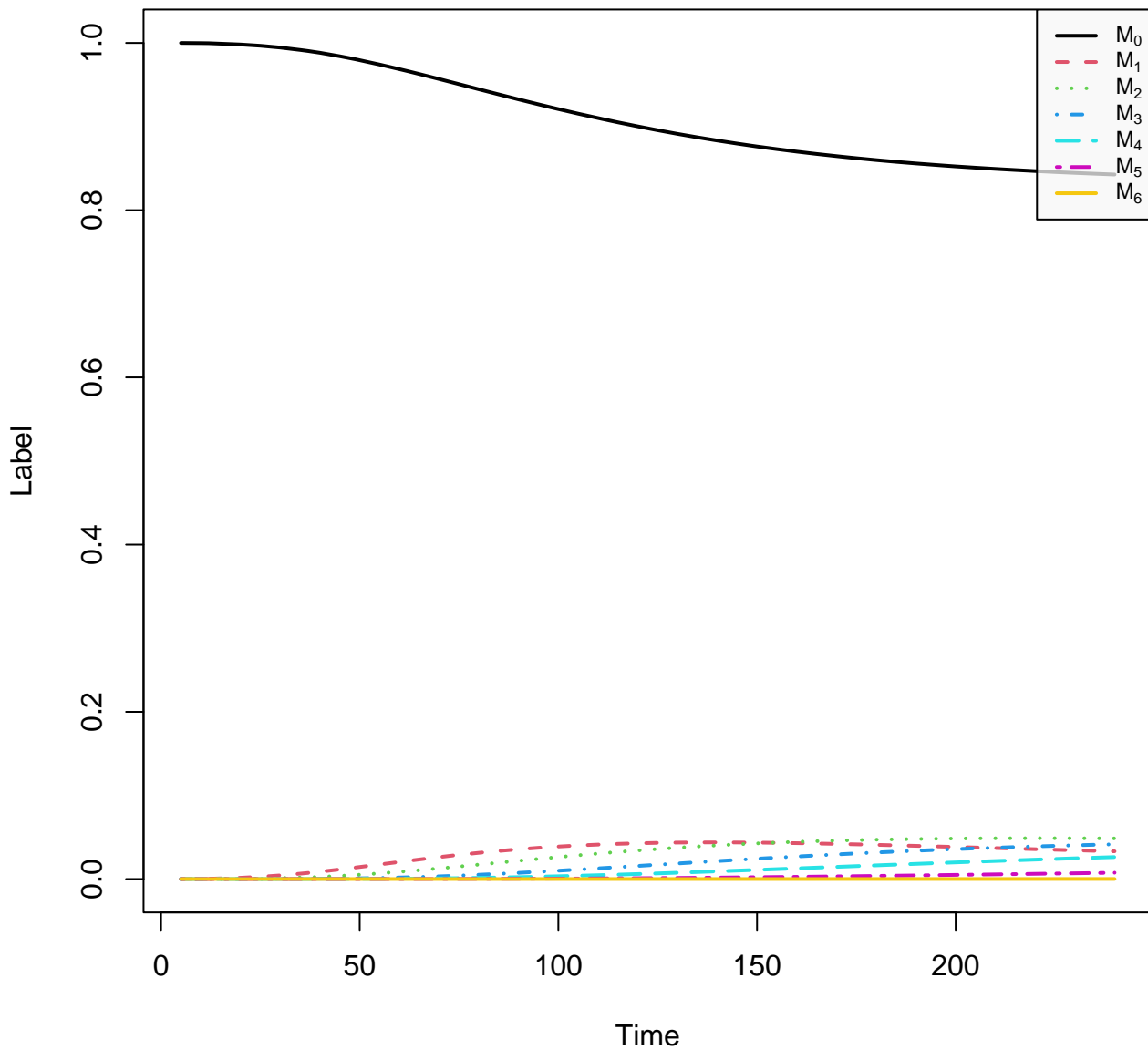
# GlyOx



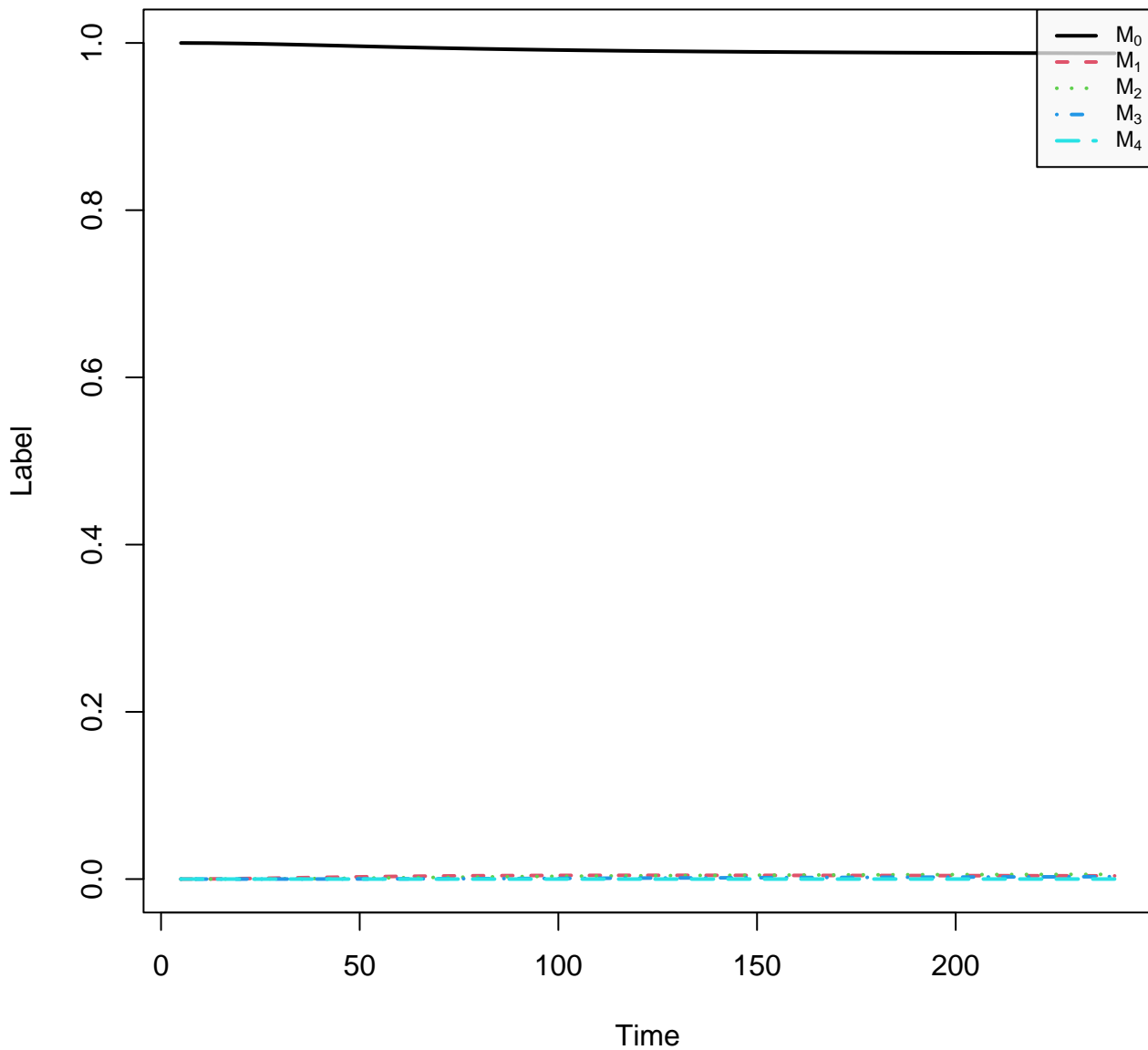
# Hex6P



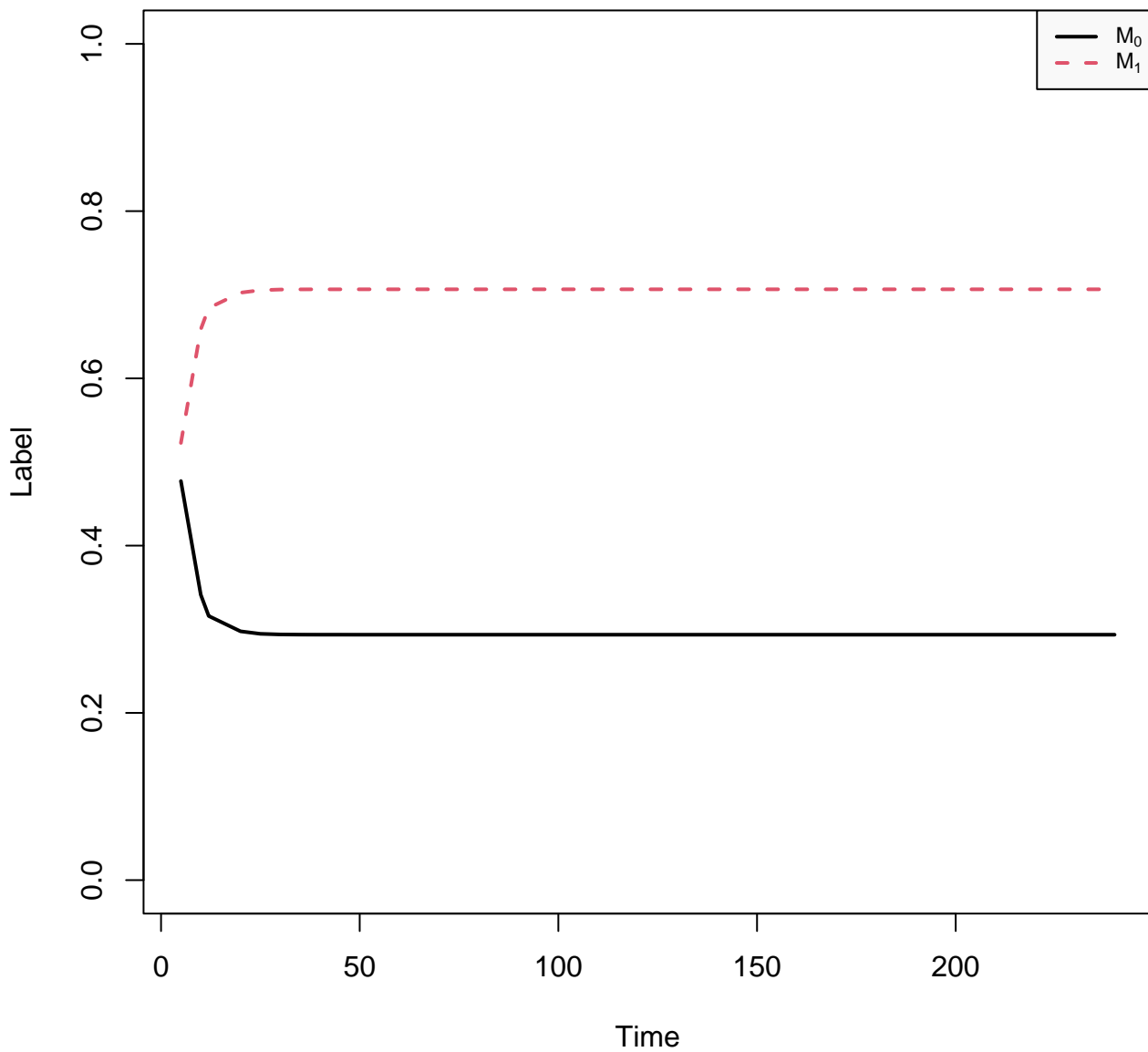
# ICit



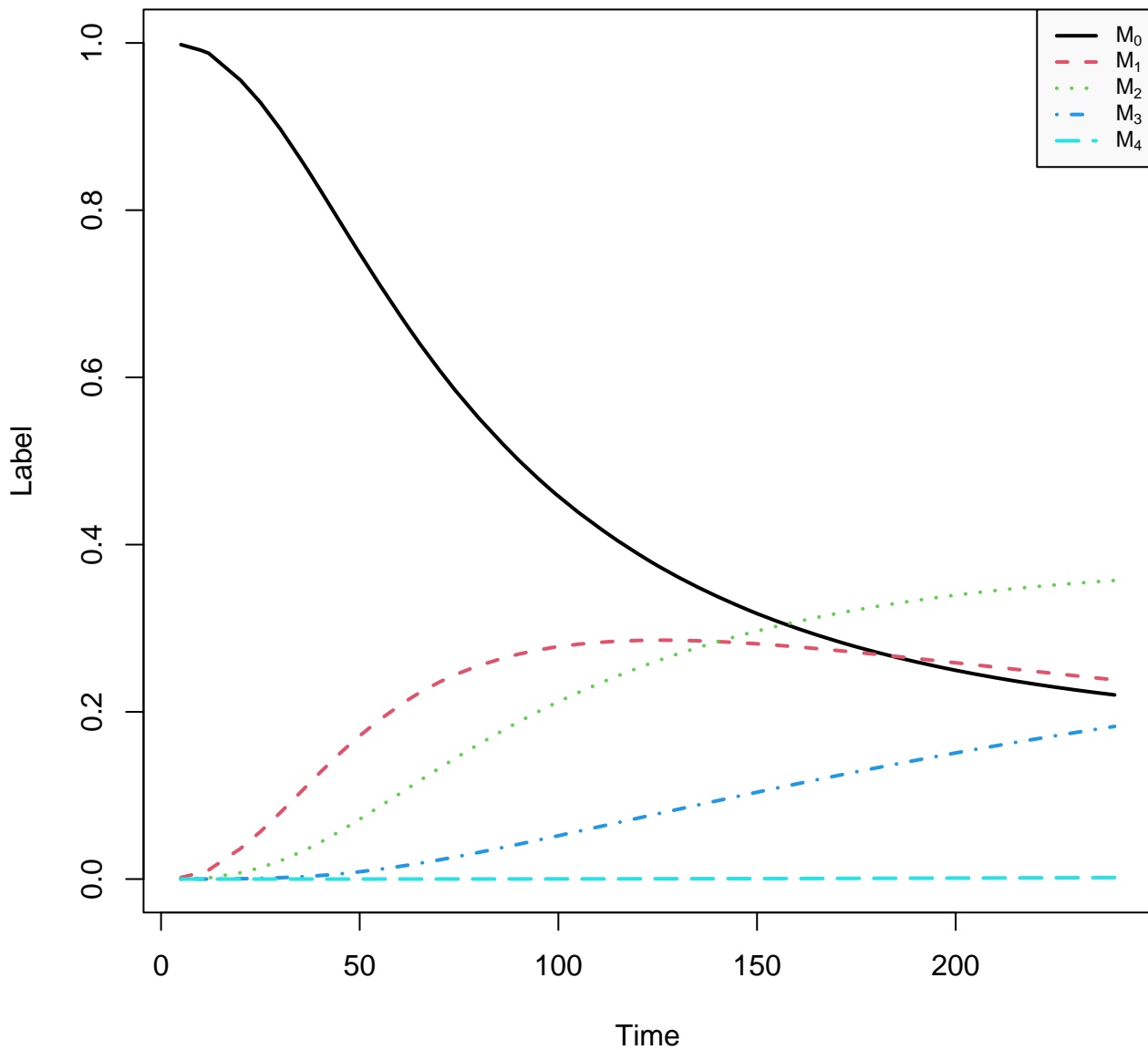
# Mal



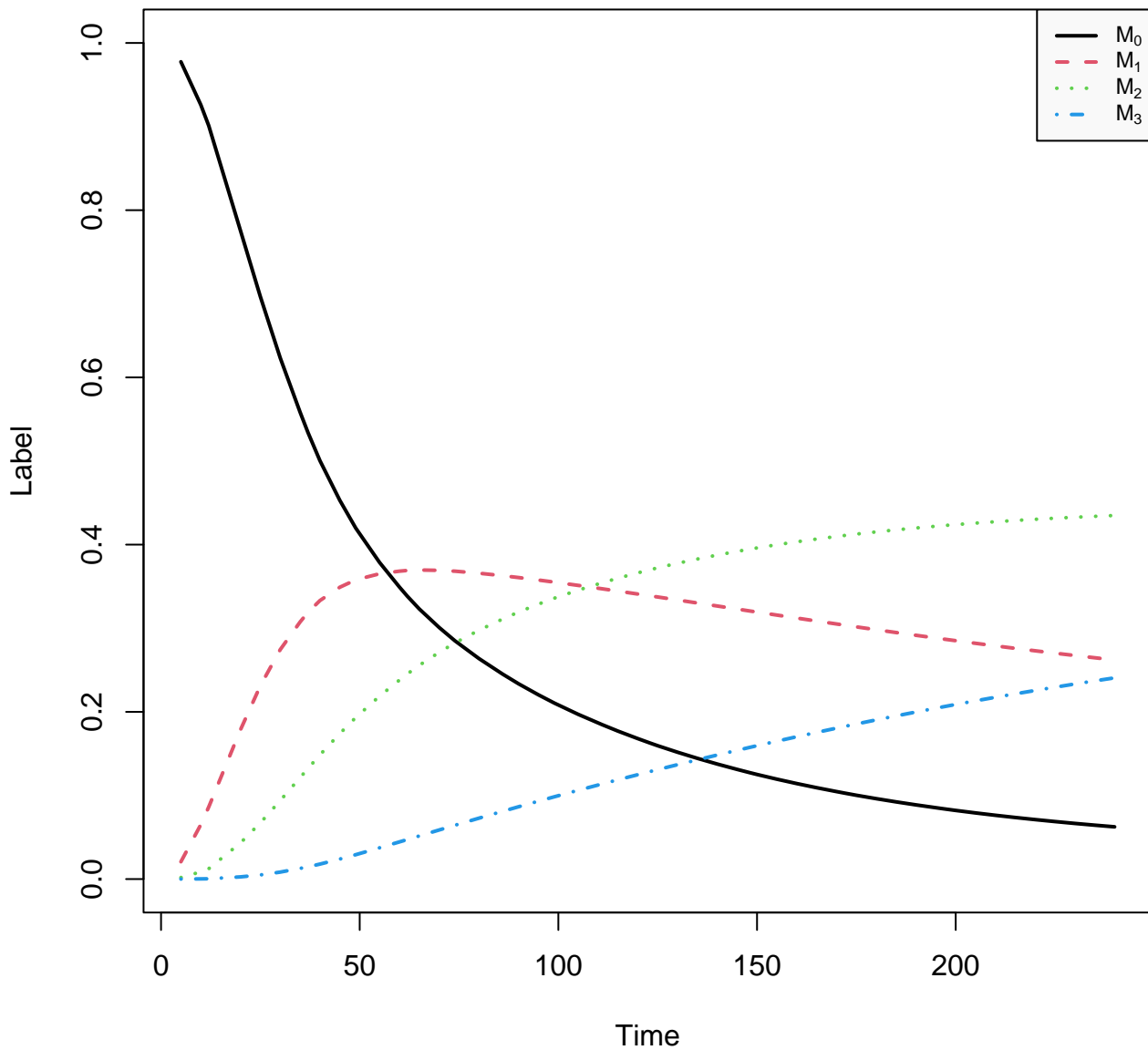
# MeOH



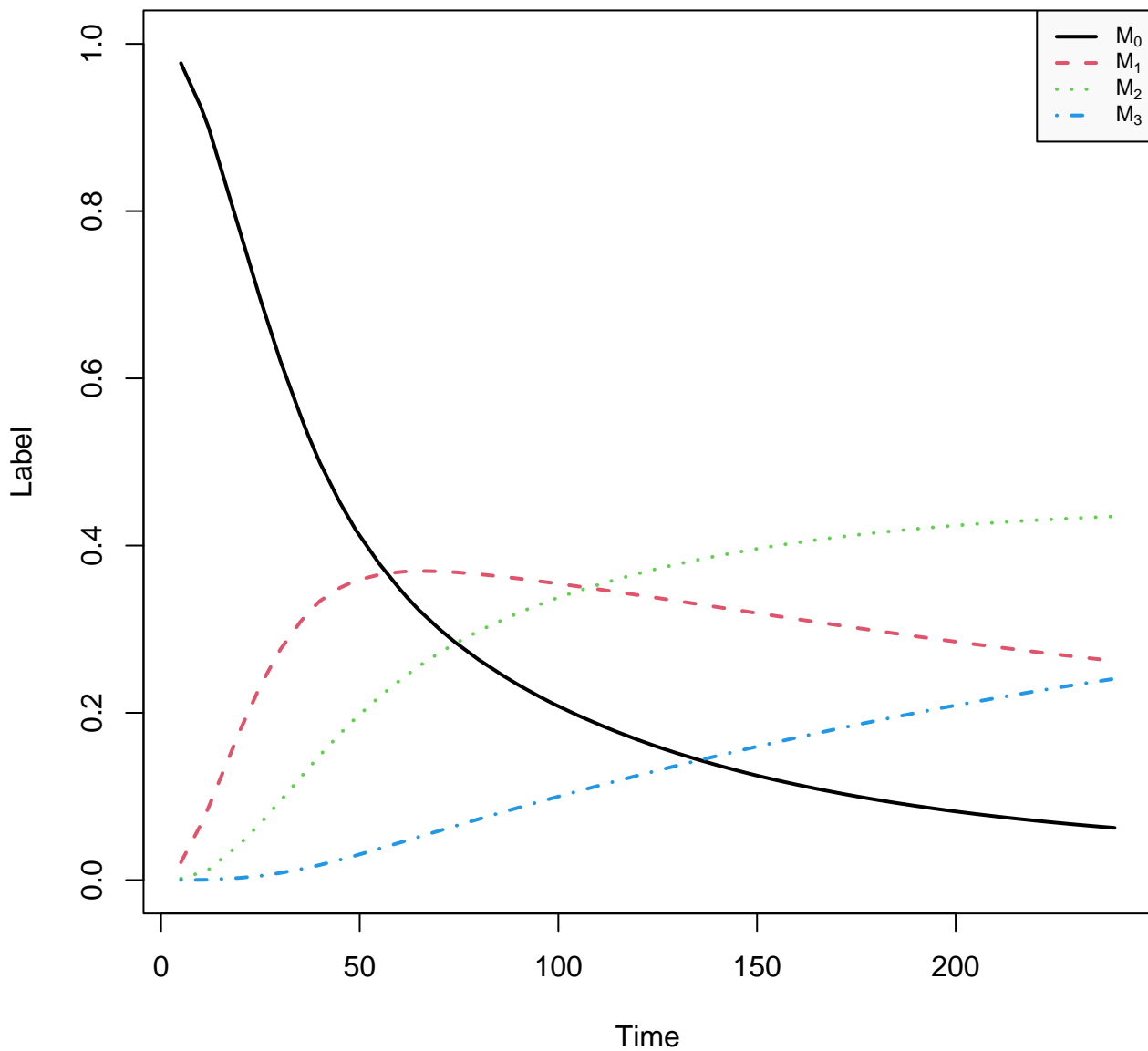
# OAA



# PEP

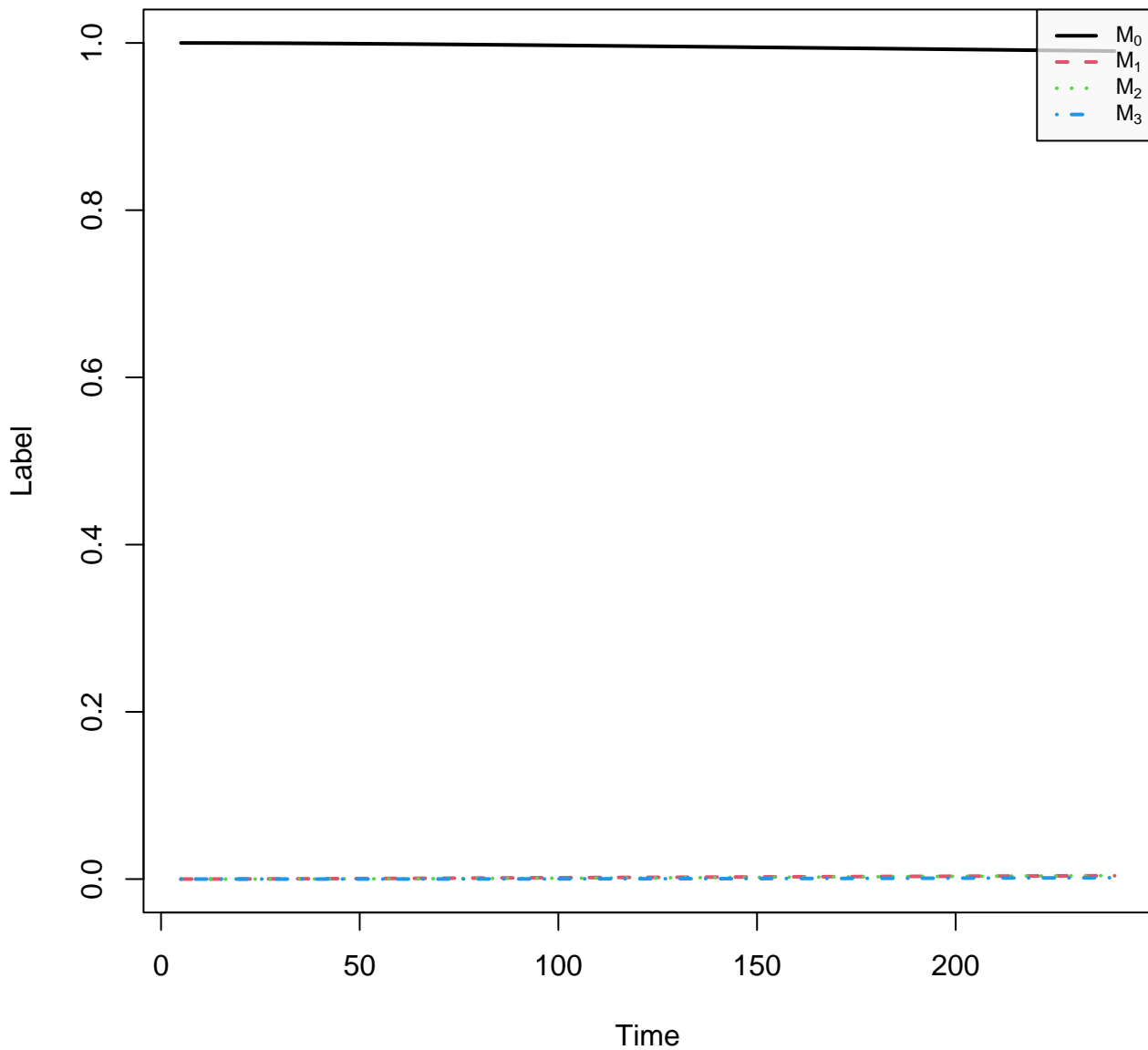


# PGA

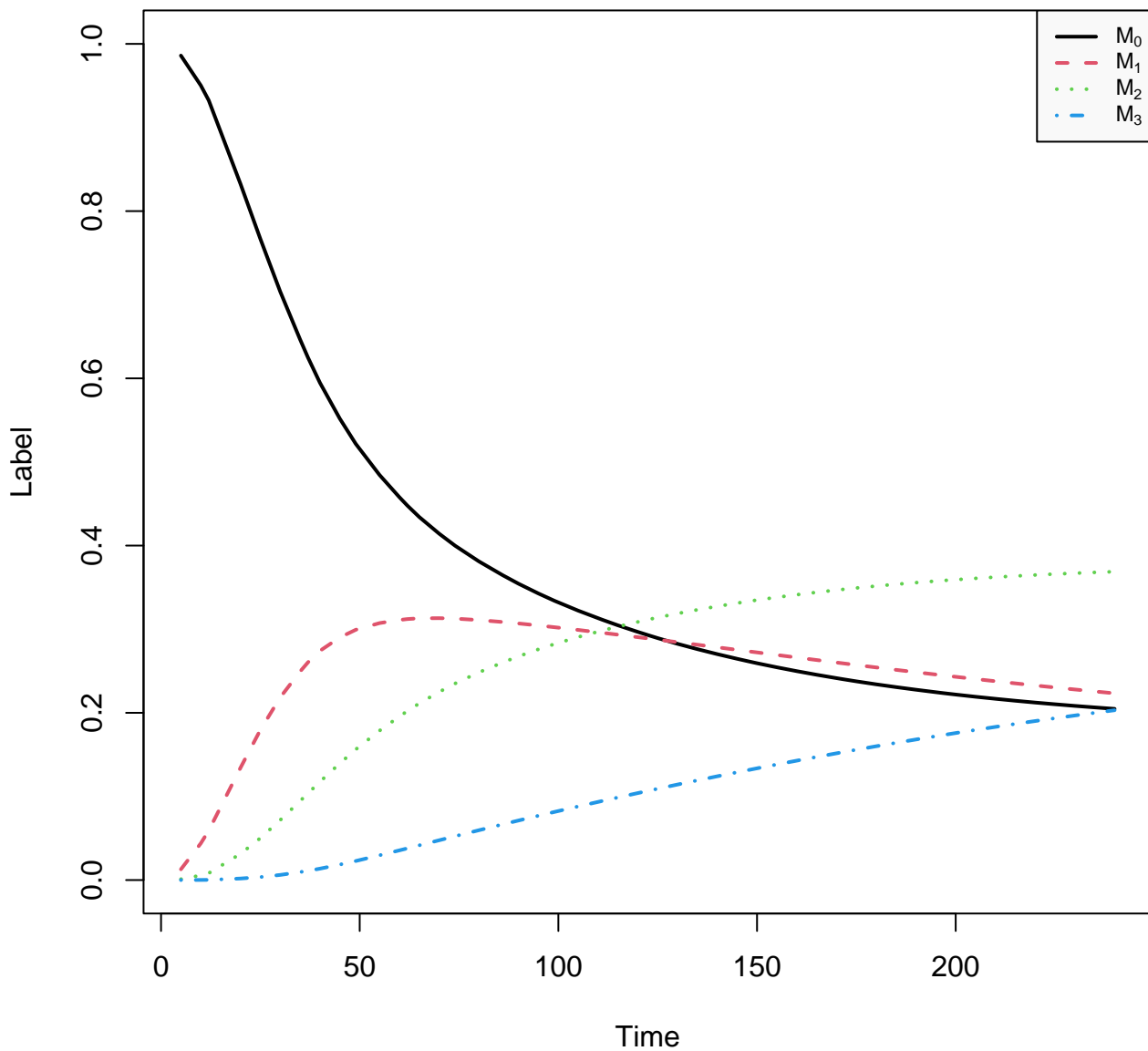




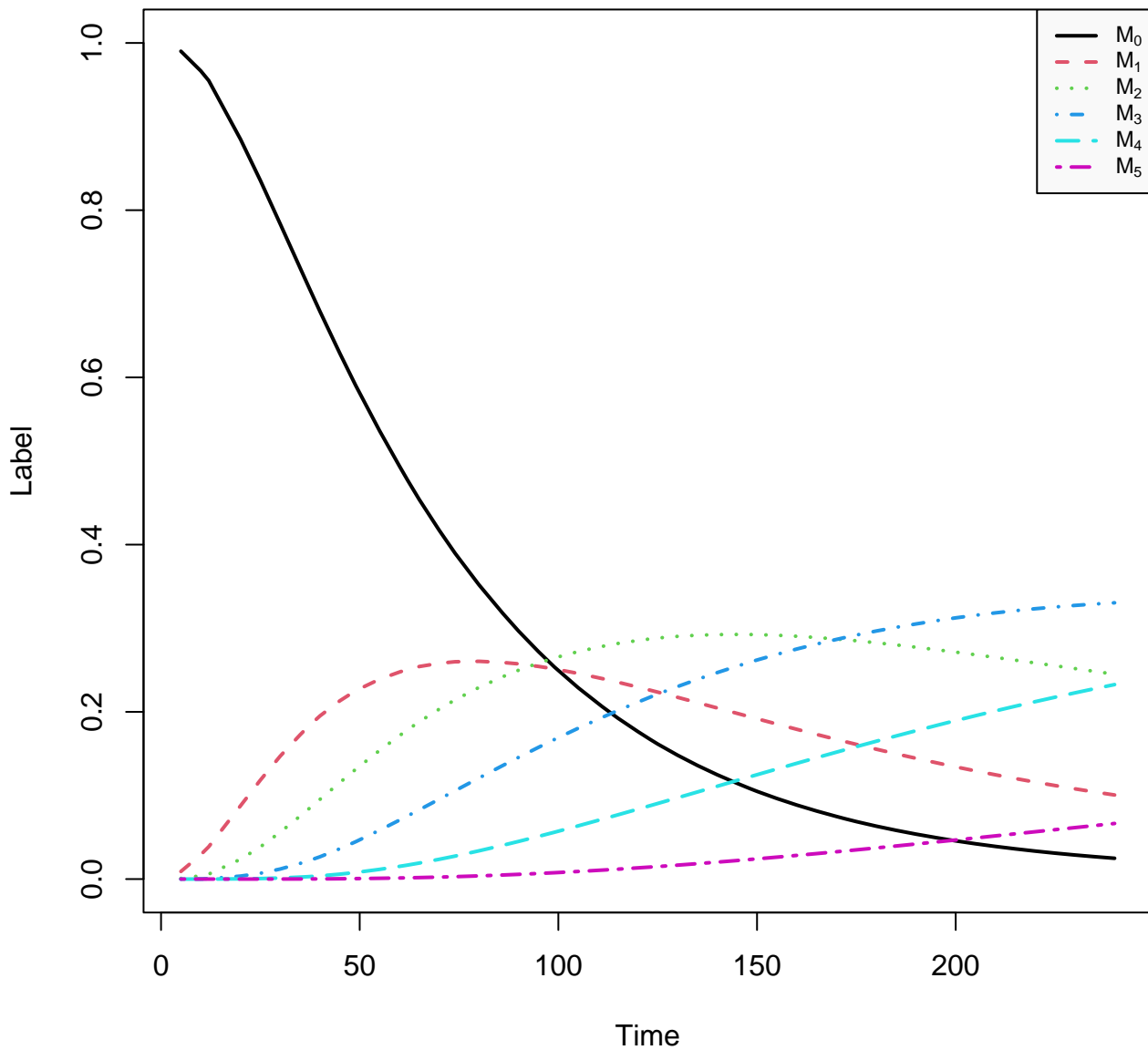
# PGA\_out



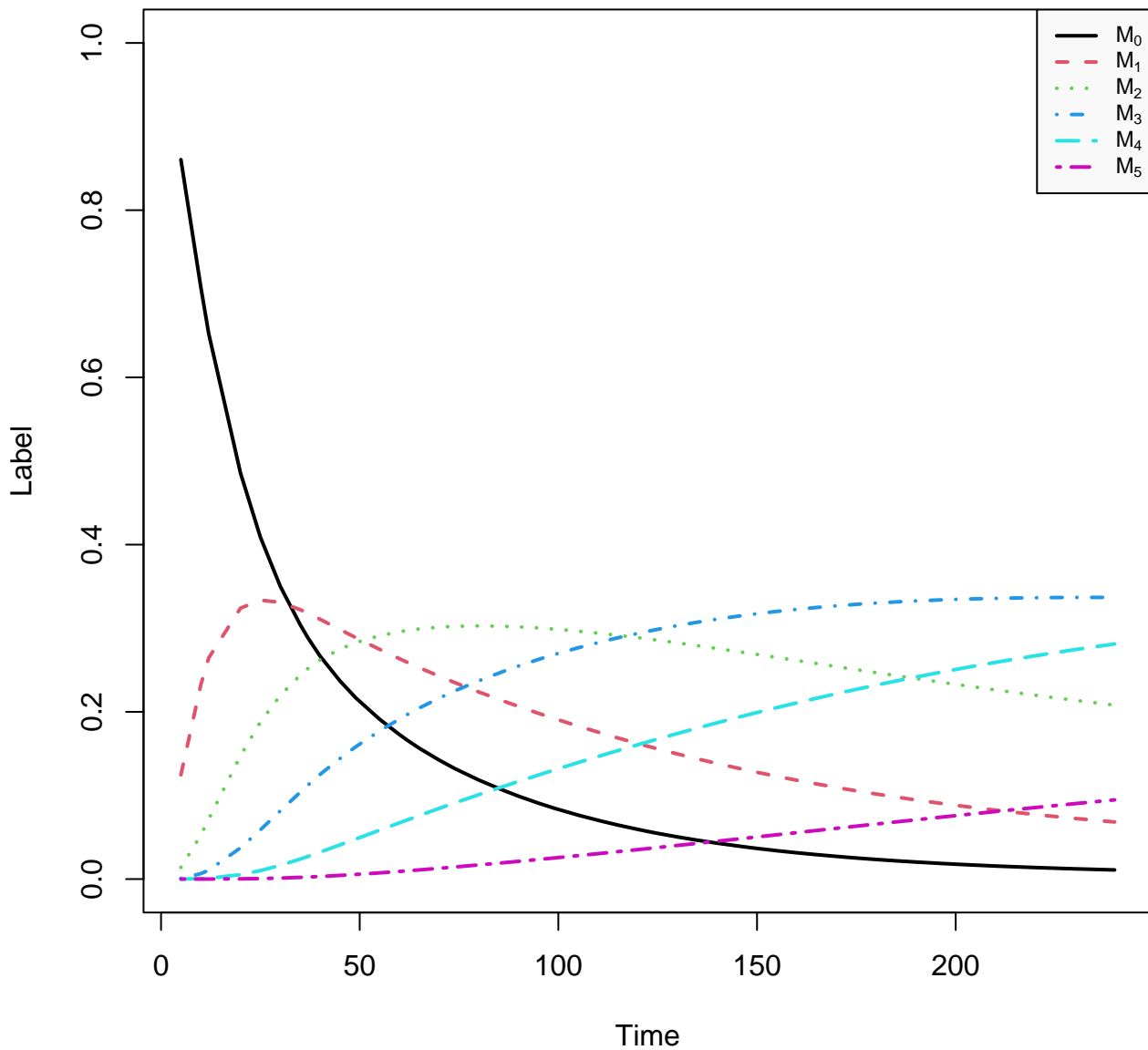
# Pyr



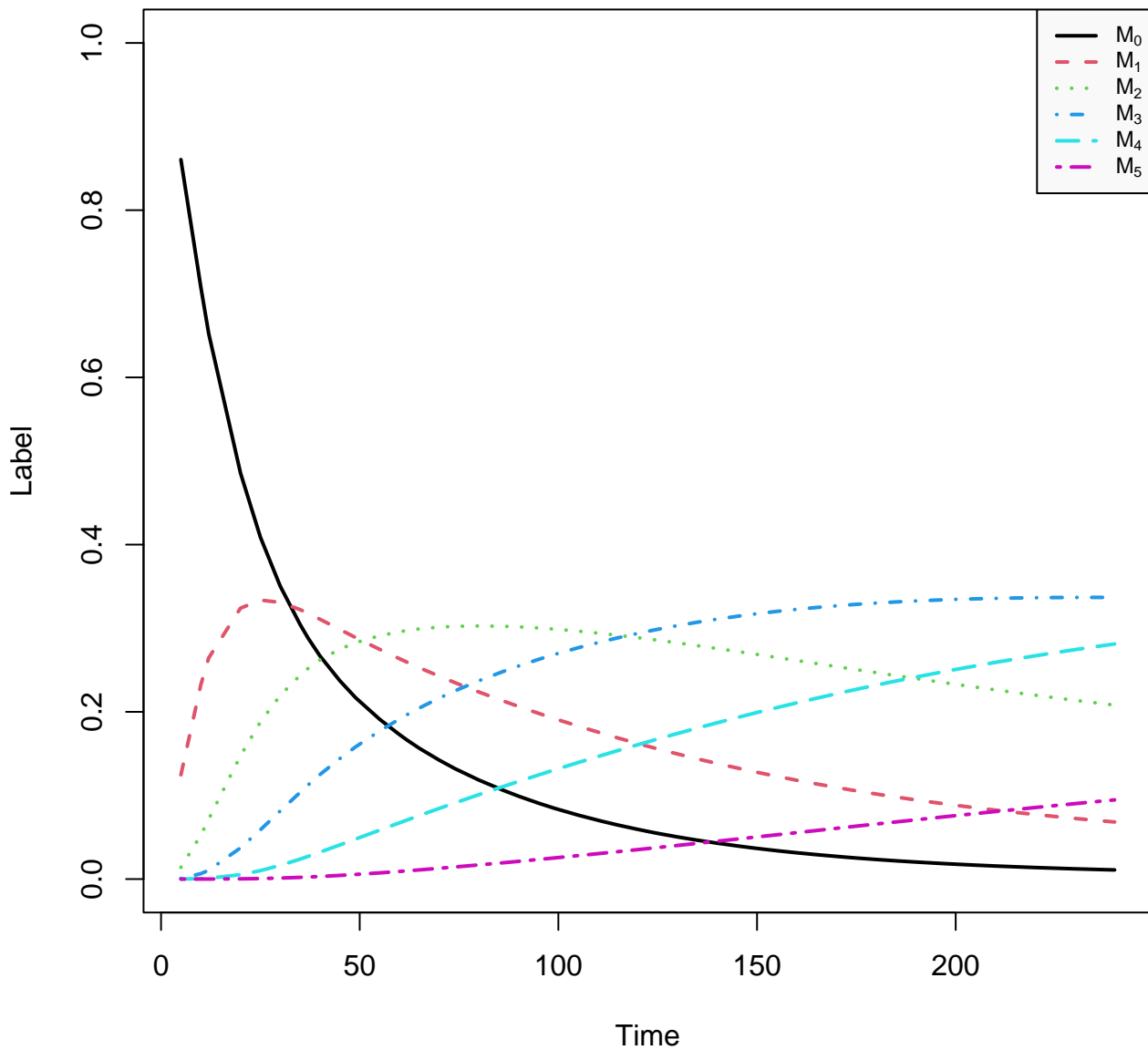
# Rib5P



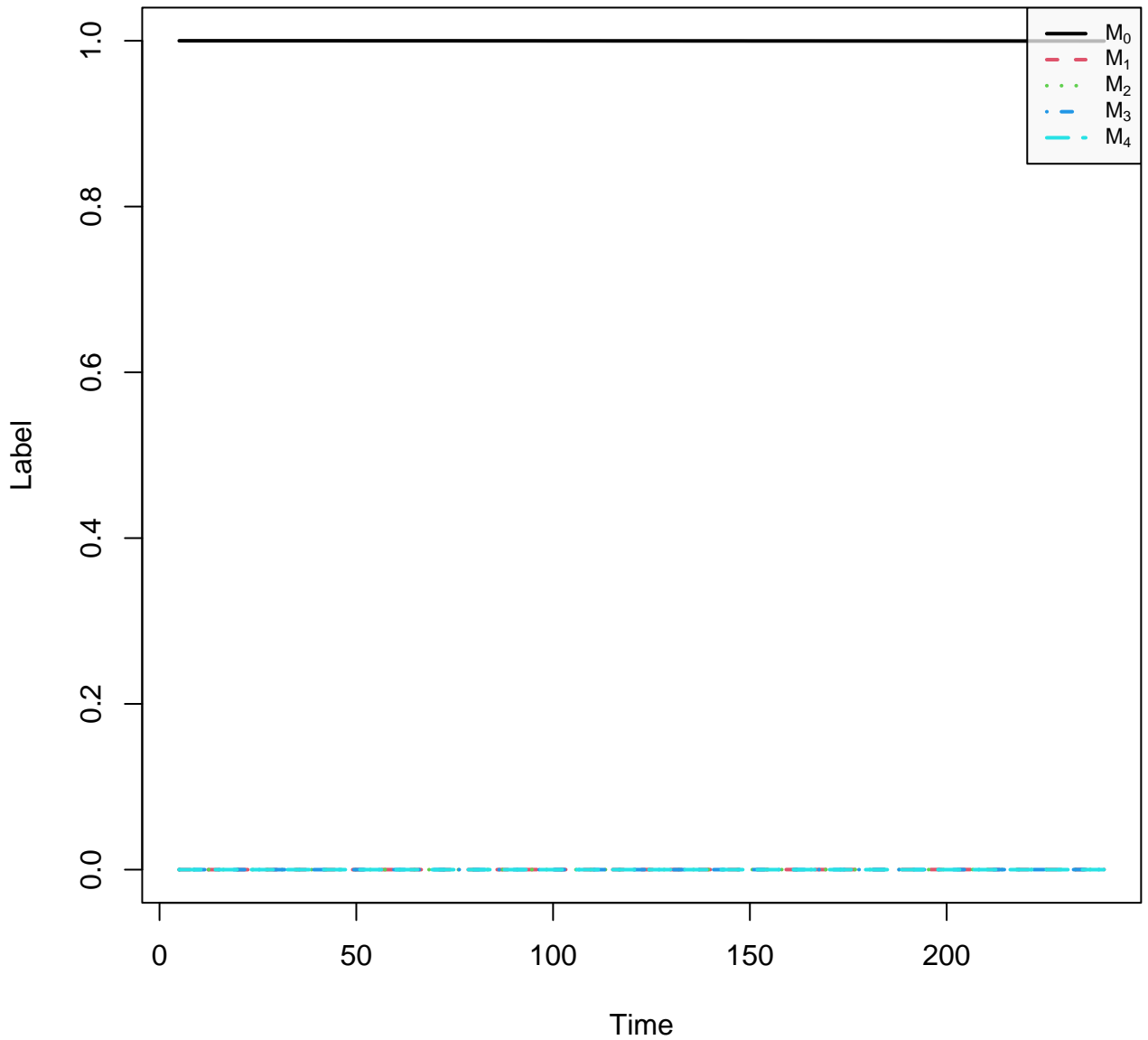
# Ribu5P



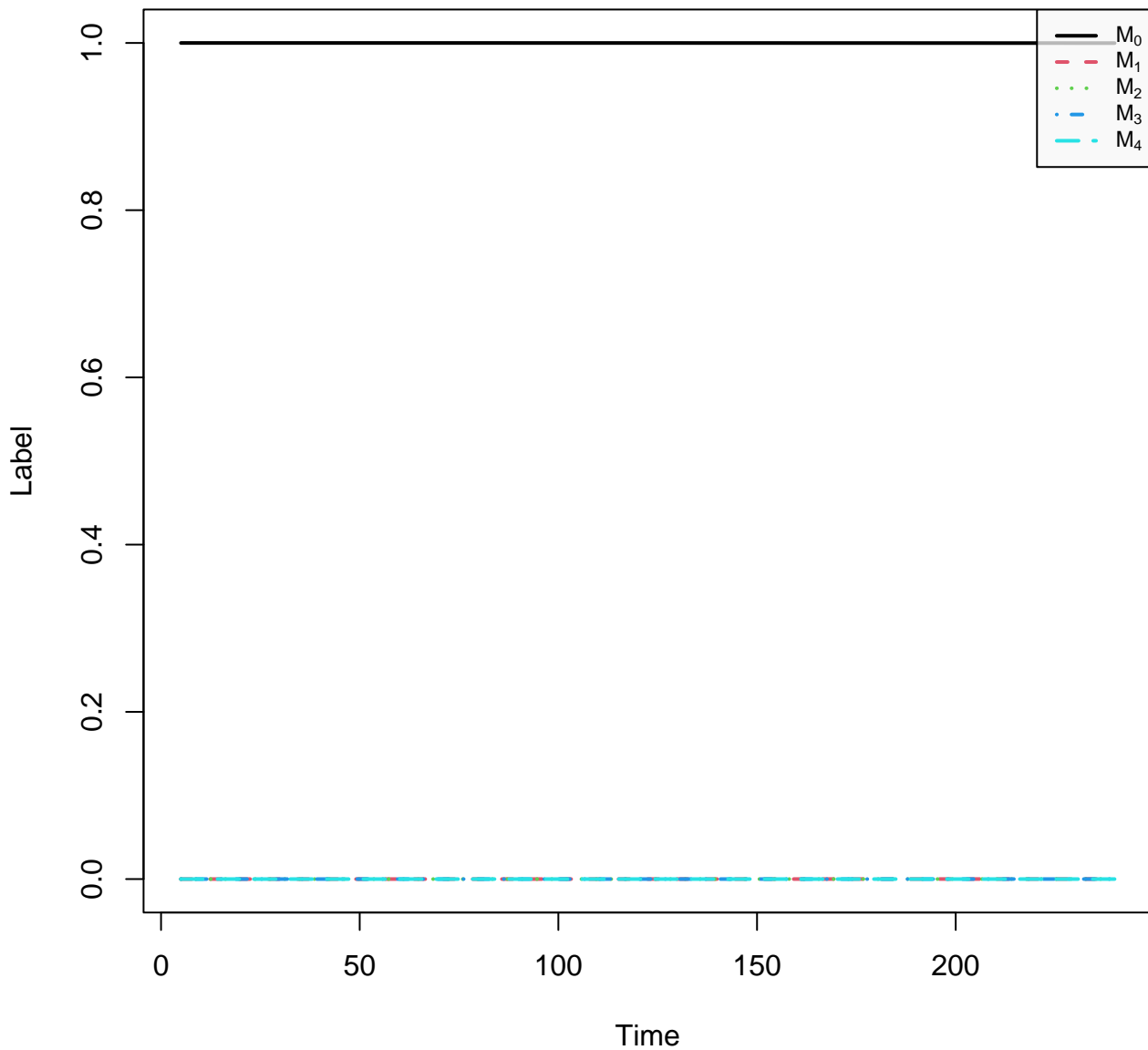
# Ribu5P\_out



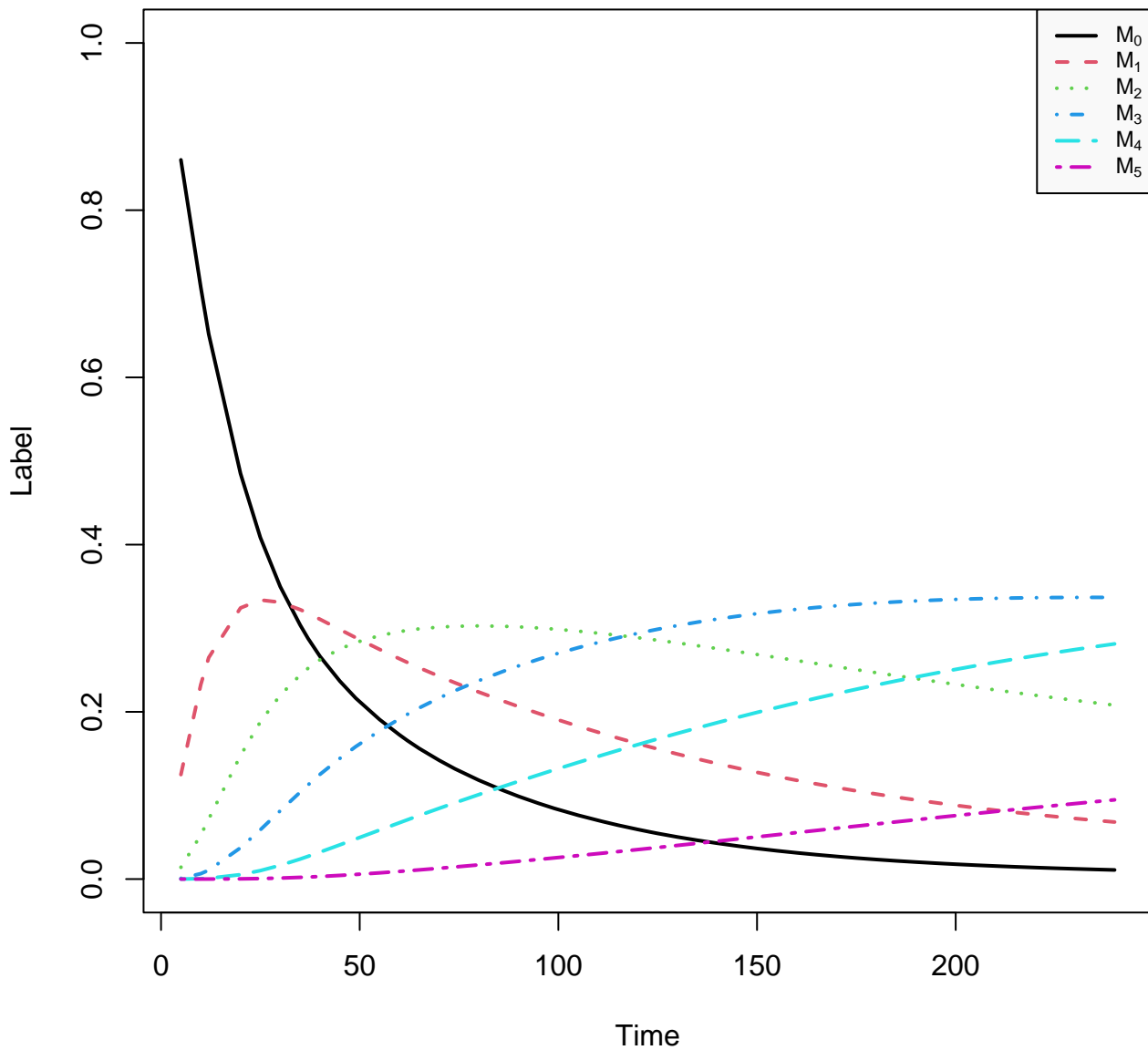
# Suc



# SucCoA



# Xyl5P





# Xyl5P\_out

