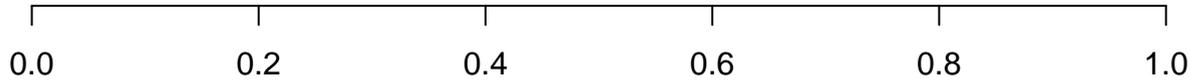
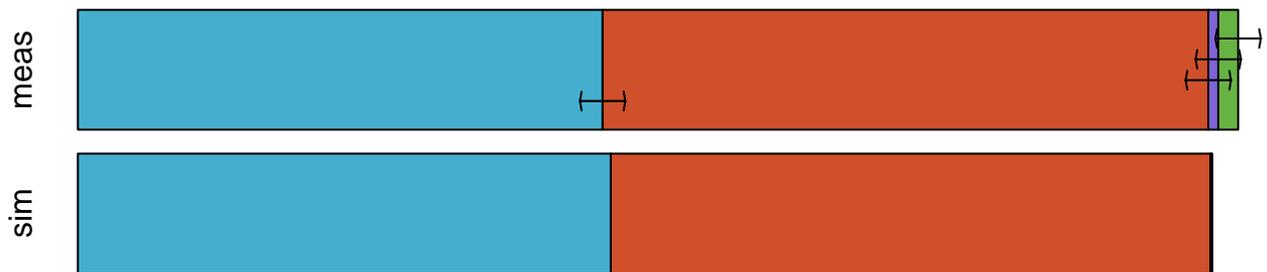


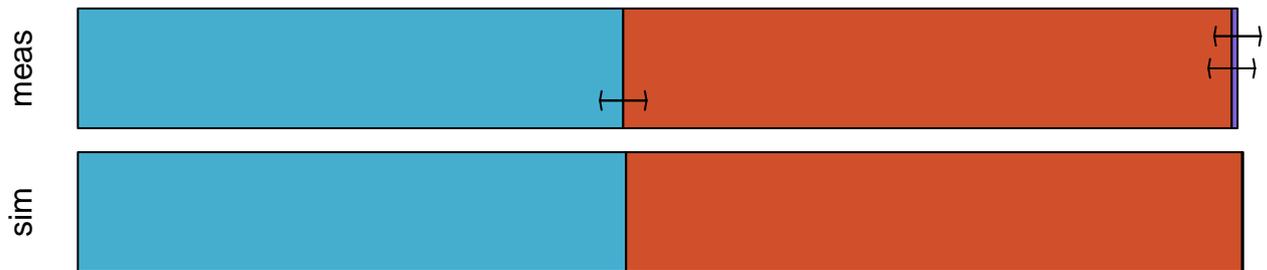
MS measurements  
(error bars= $\pm 2 \cdot \text{dev}$ )

# Ala



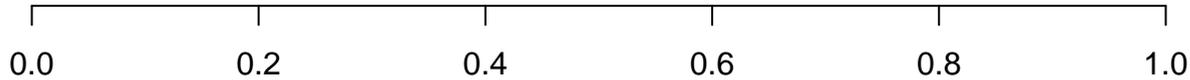
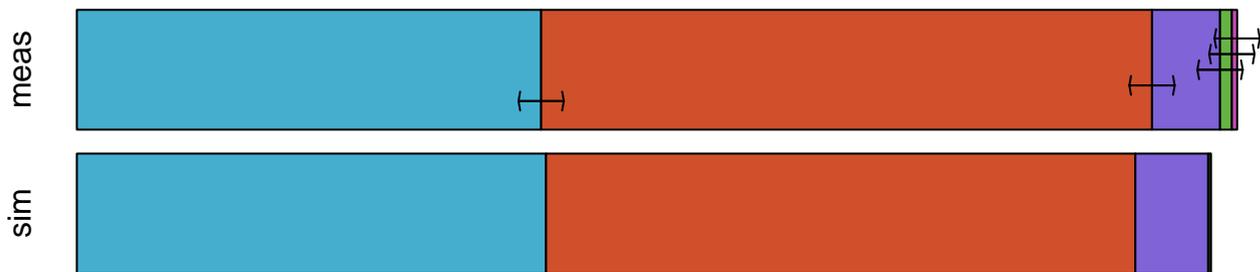
MS fraction

# Ala #011



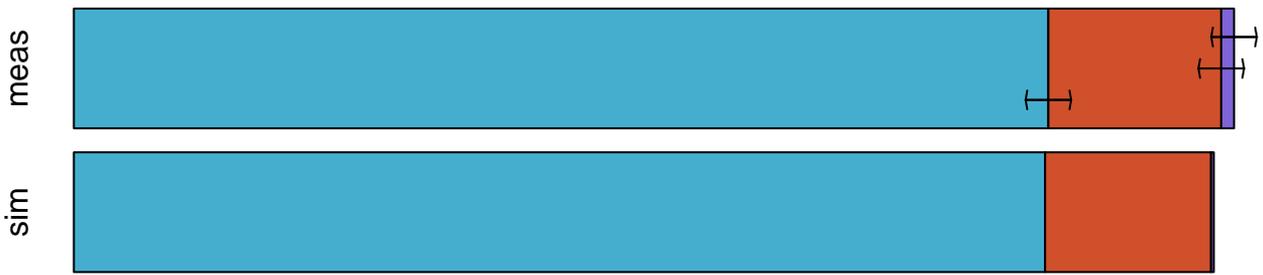
MS fraction

# Asp

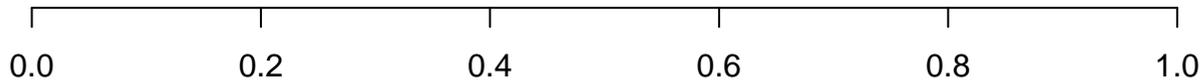
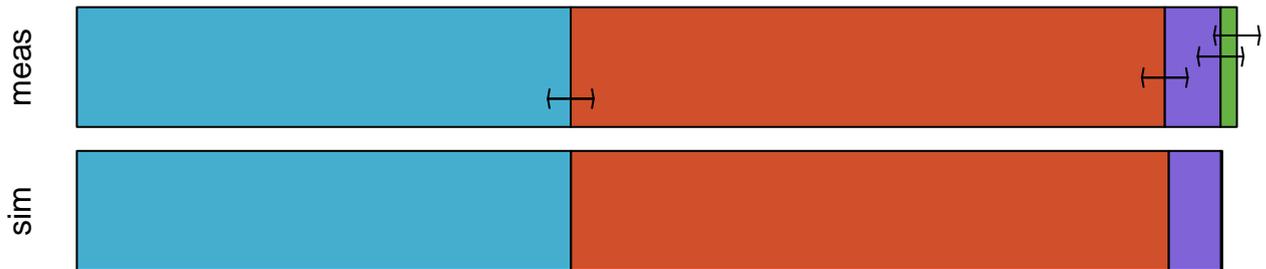


MS fraction

# Asp #1100

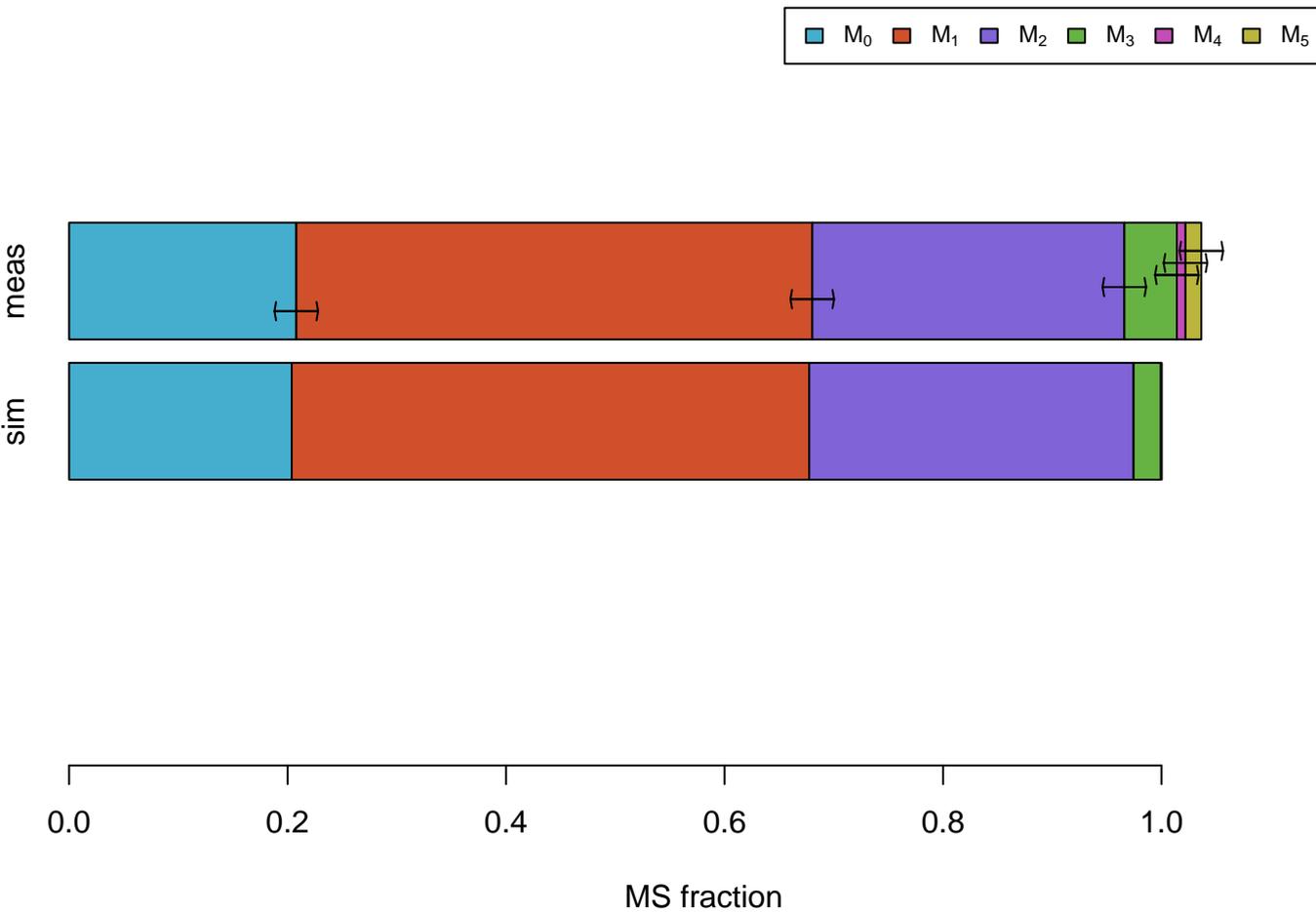


# Asp #0111

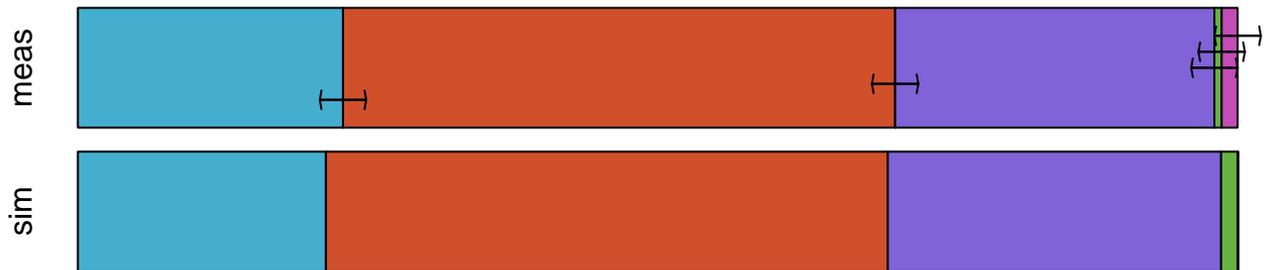


MS fraction

# Glu



# Glu #01111

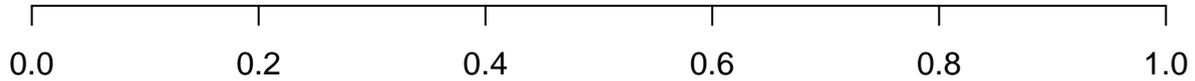


MS fraction

# Gly

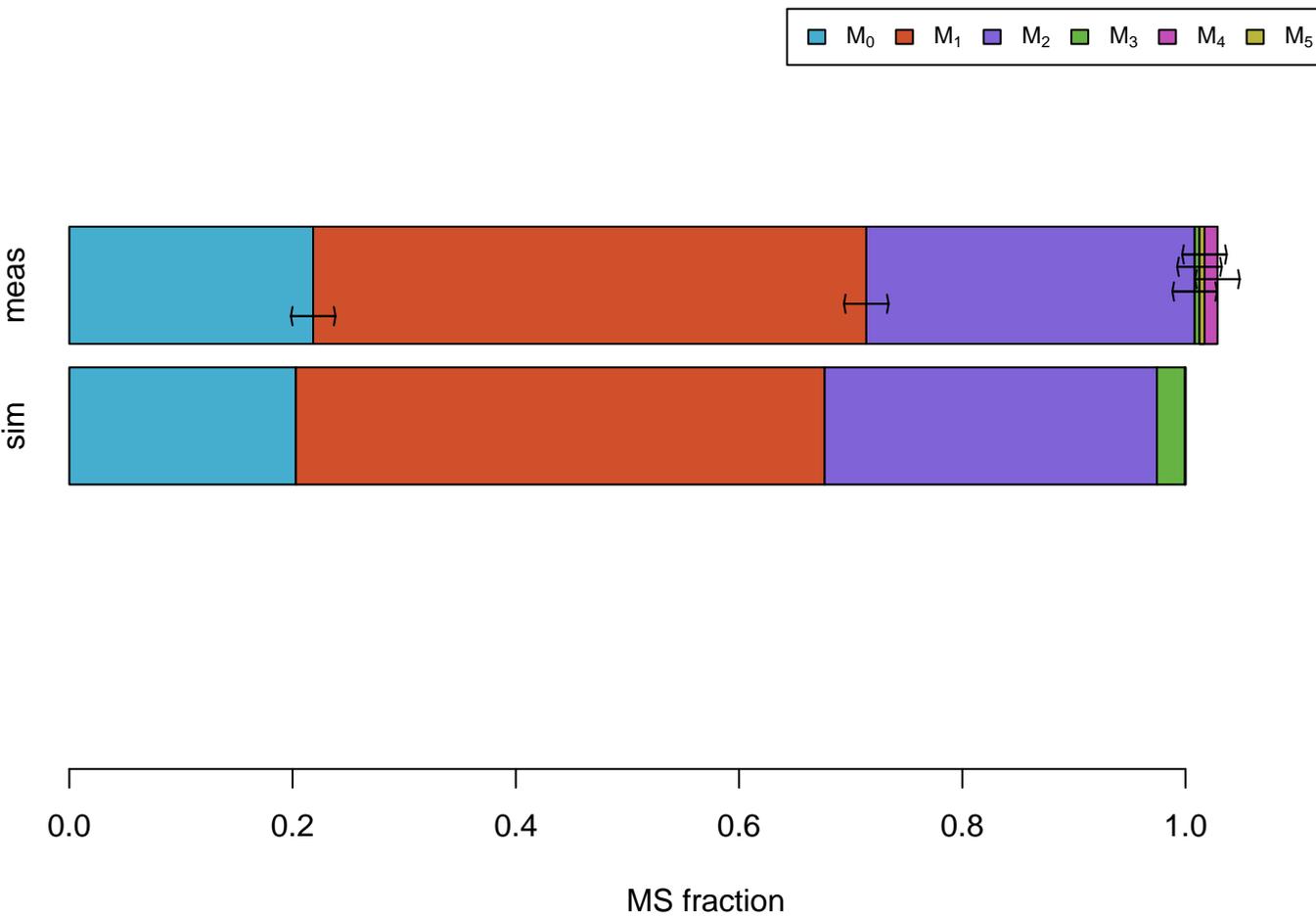


# Gly #01

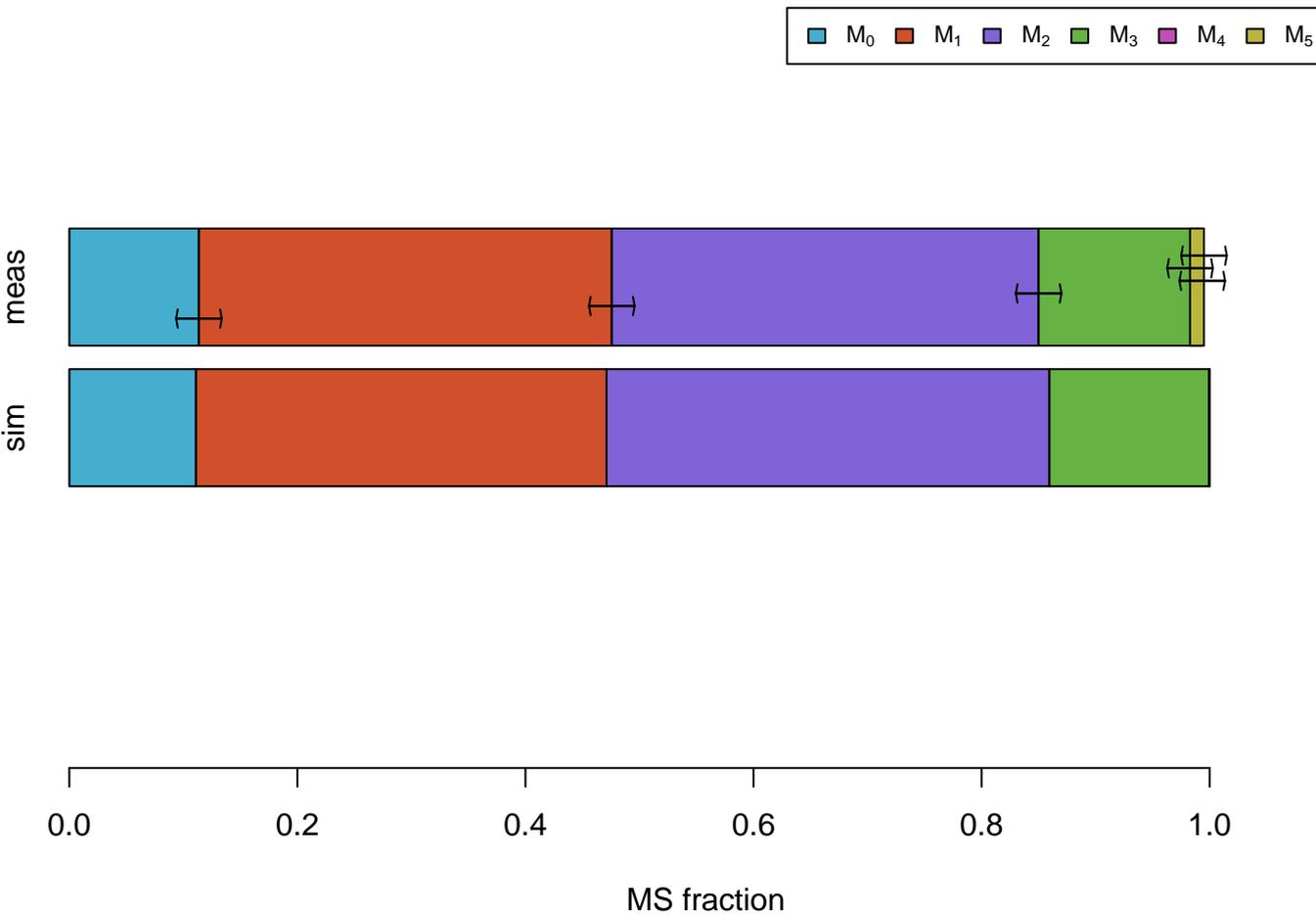


MS fraction

# Ile #011111



# Leu #011111



# Phe #110000000

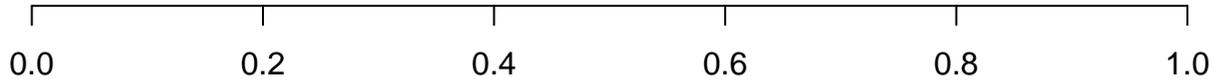
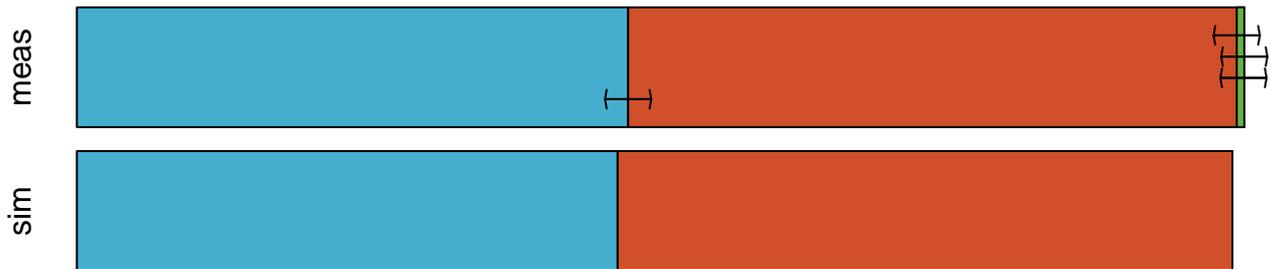


# Phe #011111111



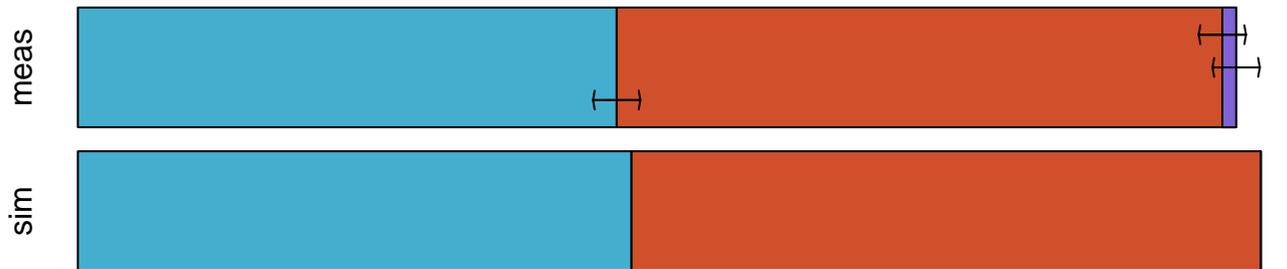
MS fraction

# Ser



MS fraction

# Ser #011

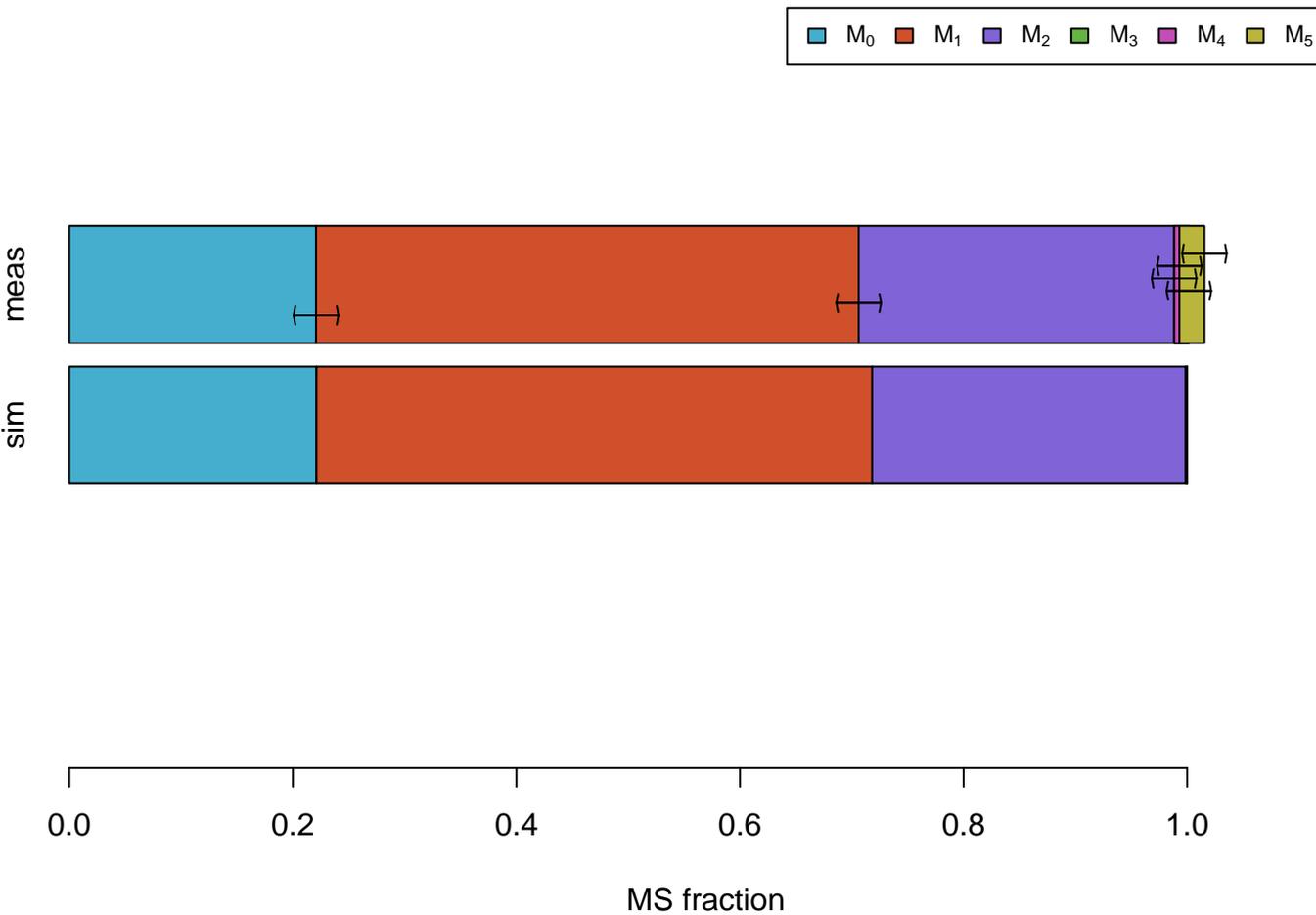


MS fraction

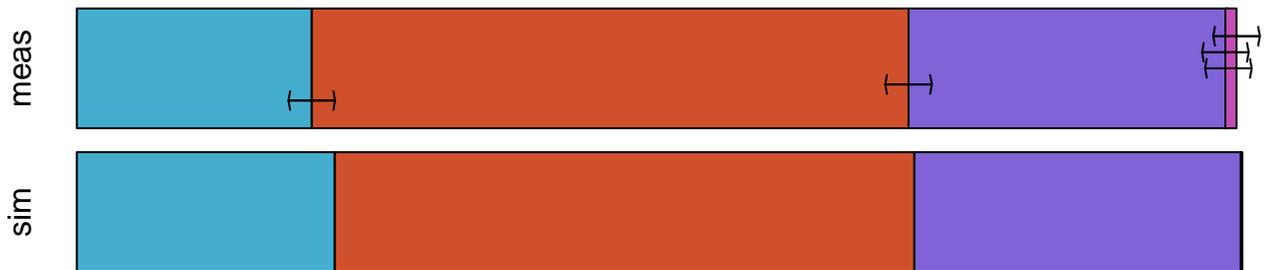
# Tyr #110000000



# Val



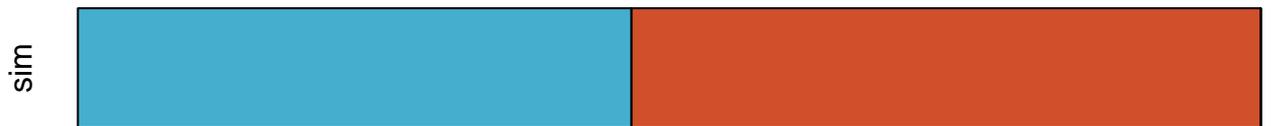
# Val #01111



MS fraction

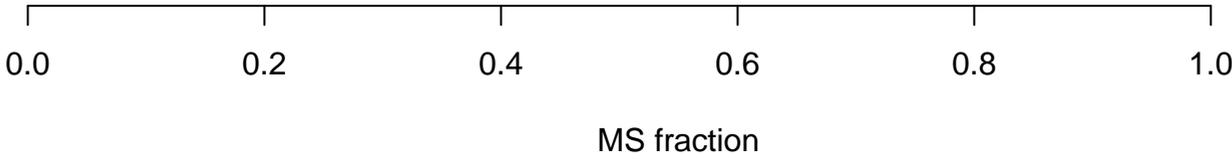
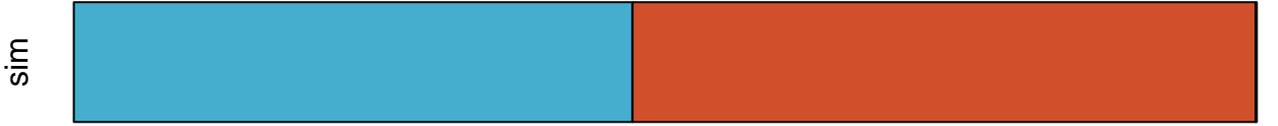
MS simulations

# 3PG

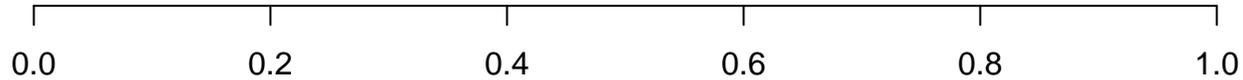


MS fraction

# Ac

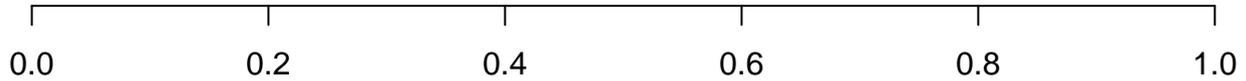
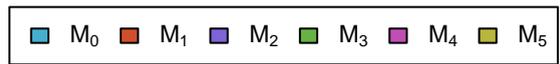


# AcCoA



MS fraction

# AKG



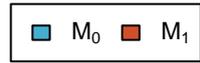
MS fraction

# Asn

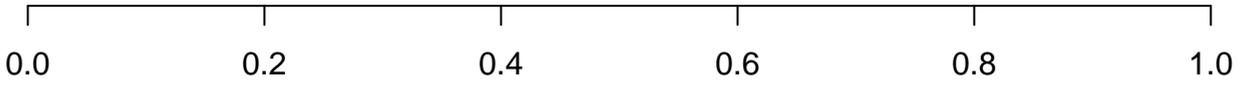


MS fraction

# CO2



sim



MS fraction

# Cys



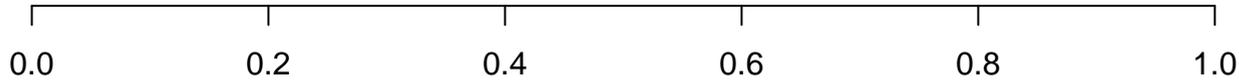
MS fraction

# DHAP



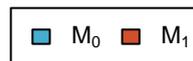
MS fraction

# E4P



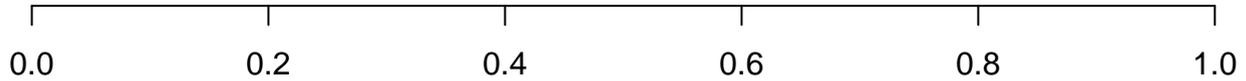
MS fraction

# FTHF



MS fraction

# Fum



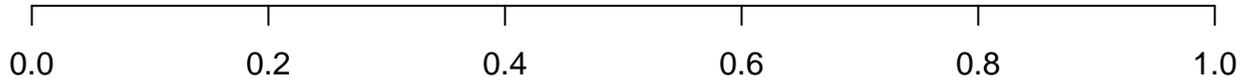
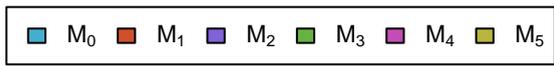
MS fraction

# GAP



MS fraction

# Gln



MS fraction

# Glyox



0.0

0.2

0.4

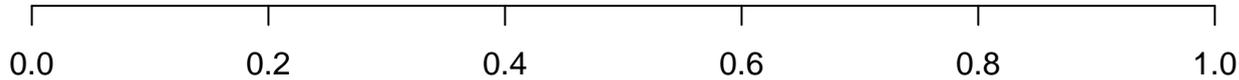
0.6

0.8

1.0

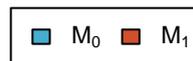
MS fraction

# Mal



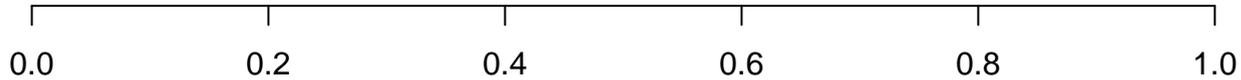
MS fraction

# MEETHF



MS fraction

# METHF



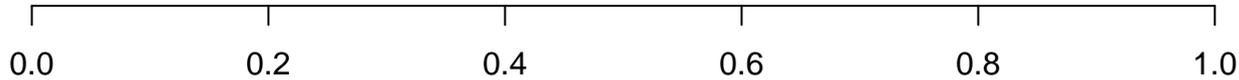
MS fraction

# OAC



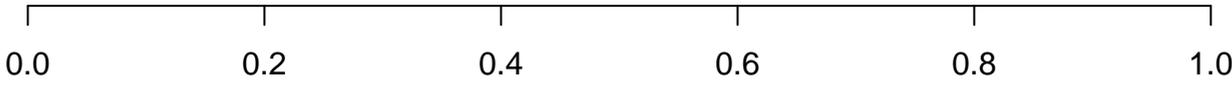
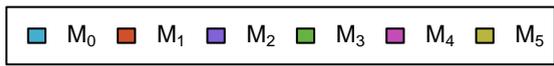
MS fraction

# PEP



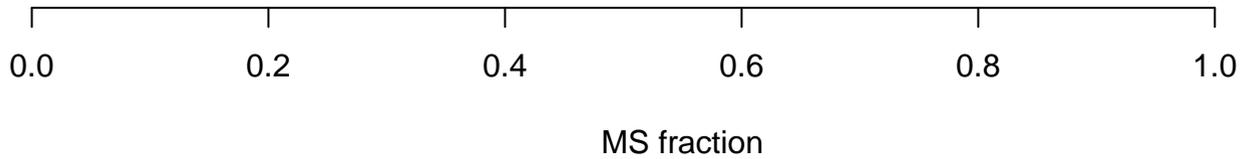
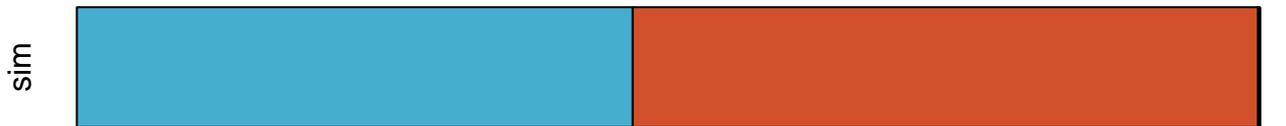
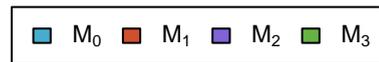
MS fraction

# Pro

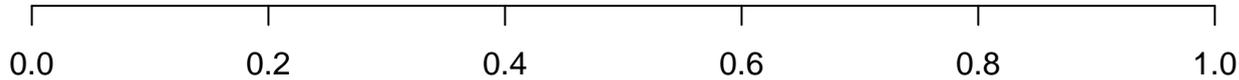


MS fraction

# Pyr

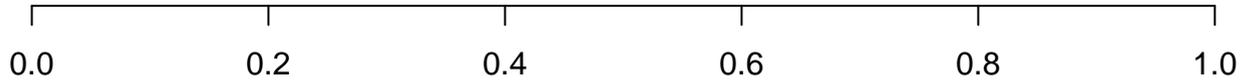


# Suc



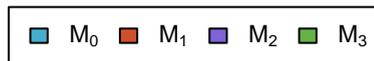
MS fraction

# SucCoA



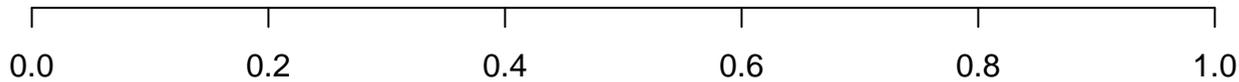
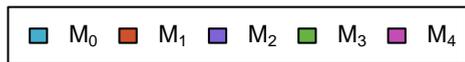
MS fraction

# TA-C3



MS fraction

# Thr



MS fraction

# TK-C2



MS fraction