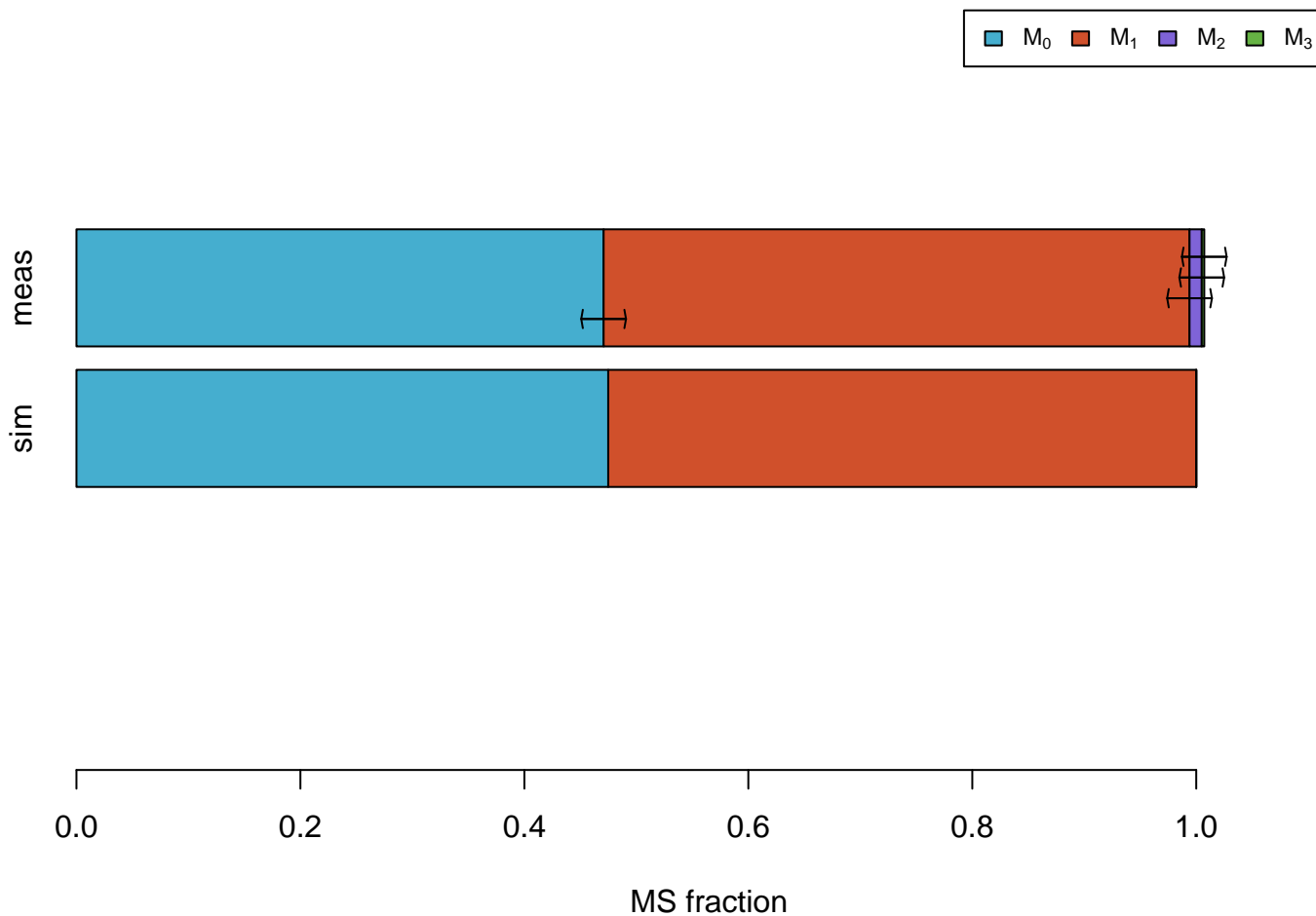
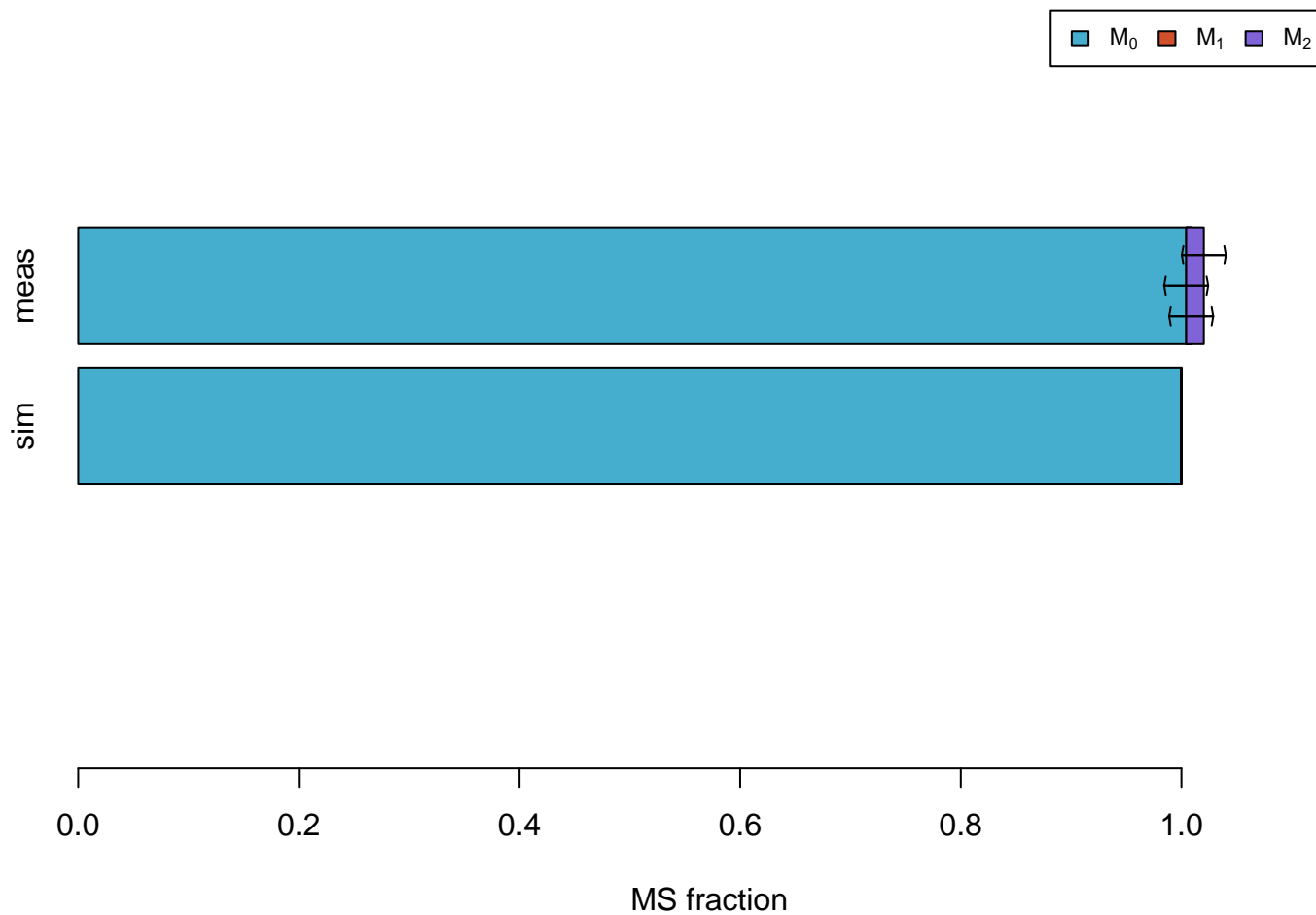


MS measurements  
(error bars= $\pm 2 \cdot \text{dev}$ )

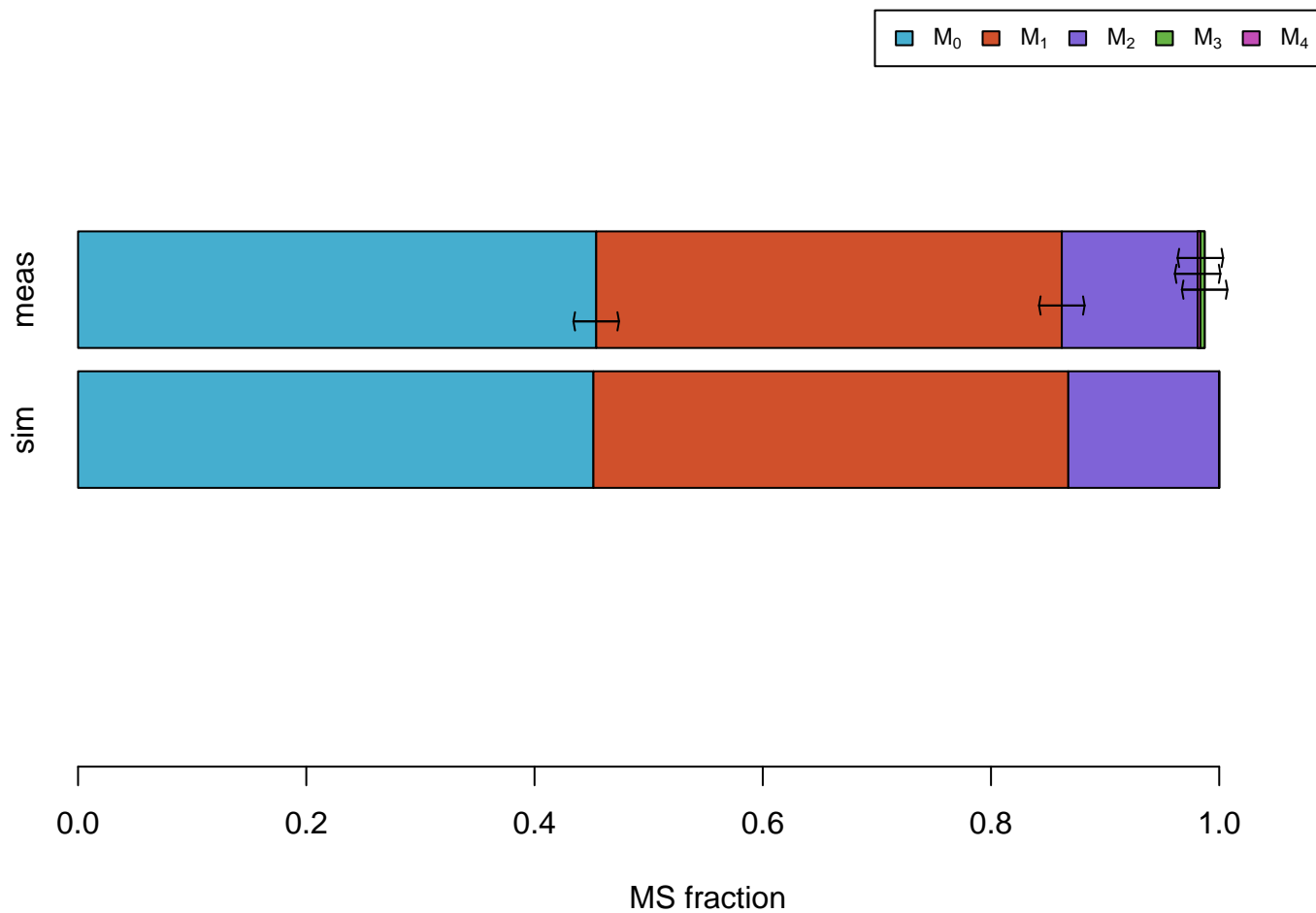
# Ala



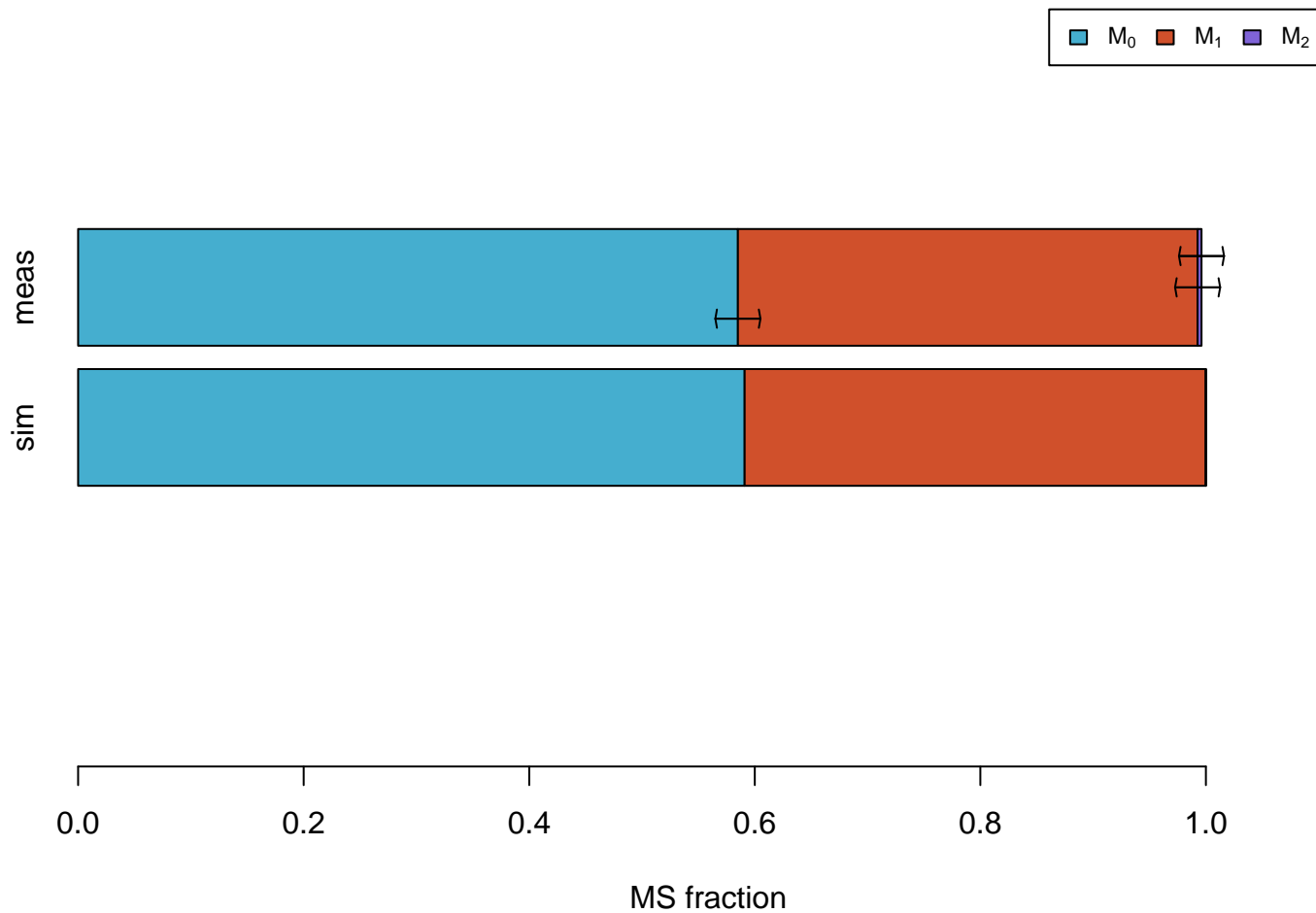
# Ala #011



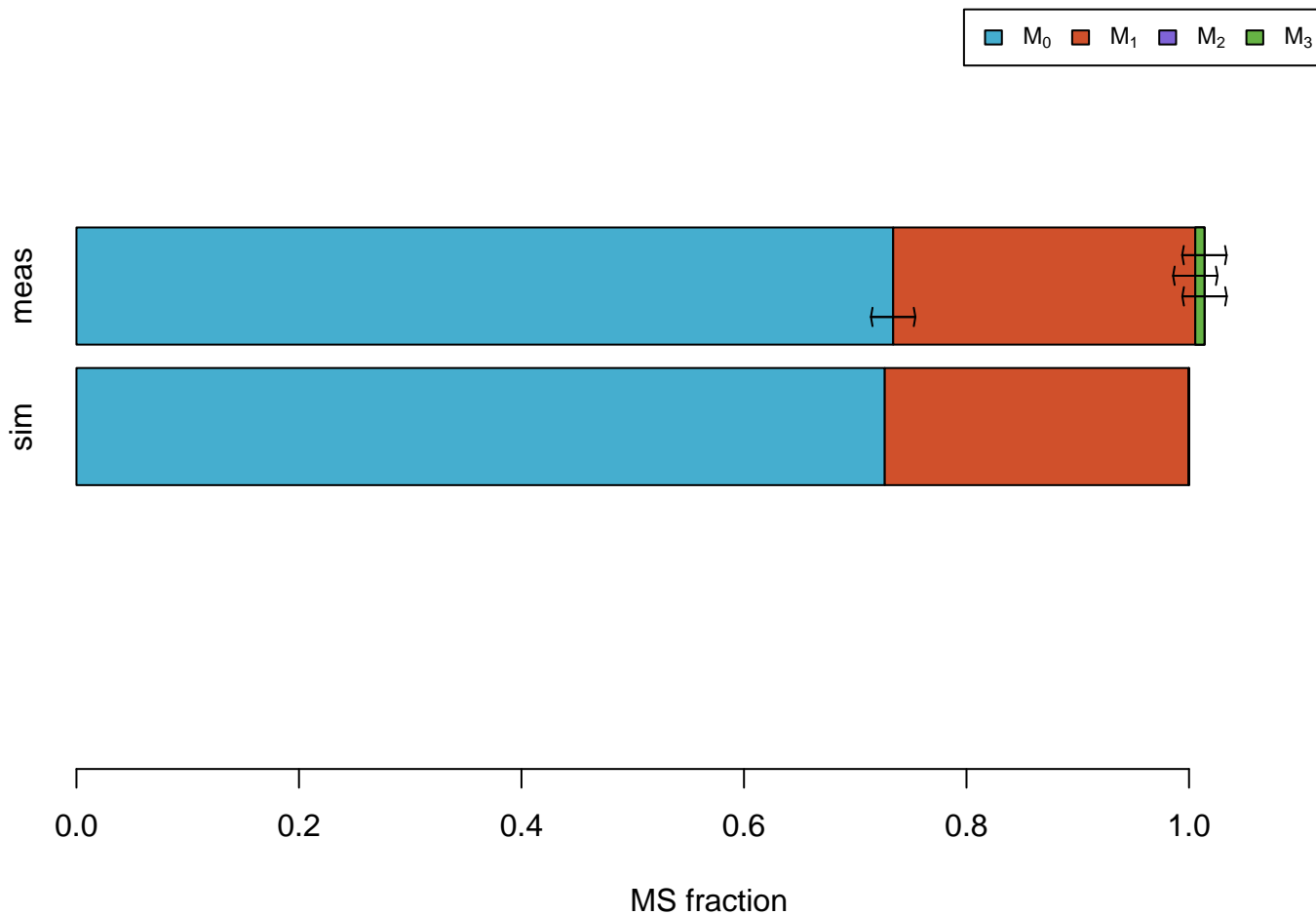
# Asp



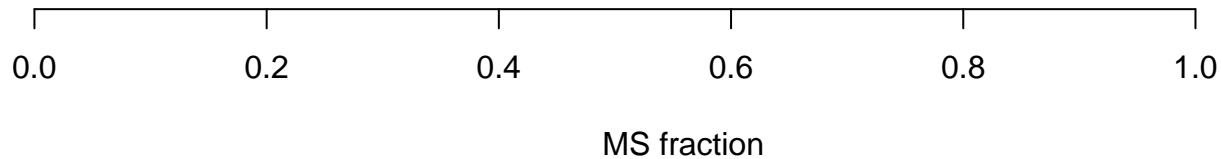
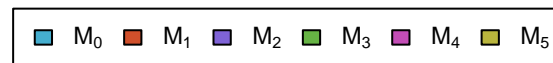
# Asp #1100



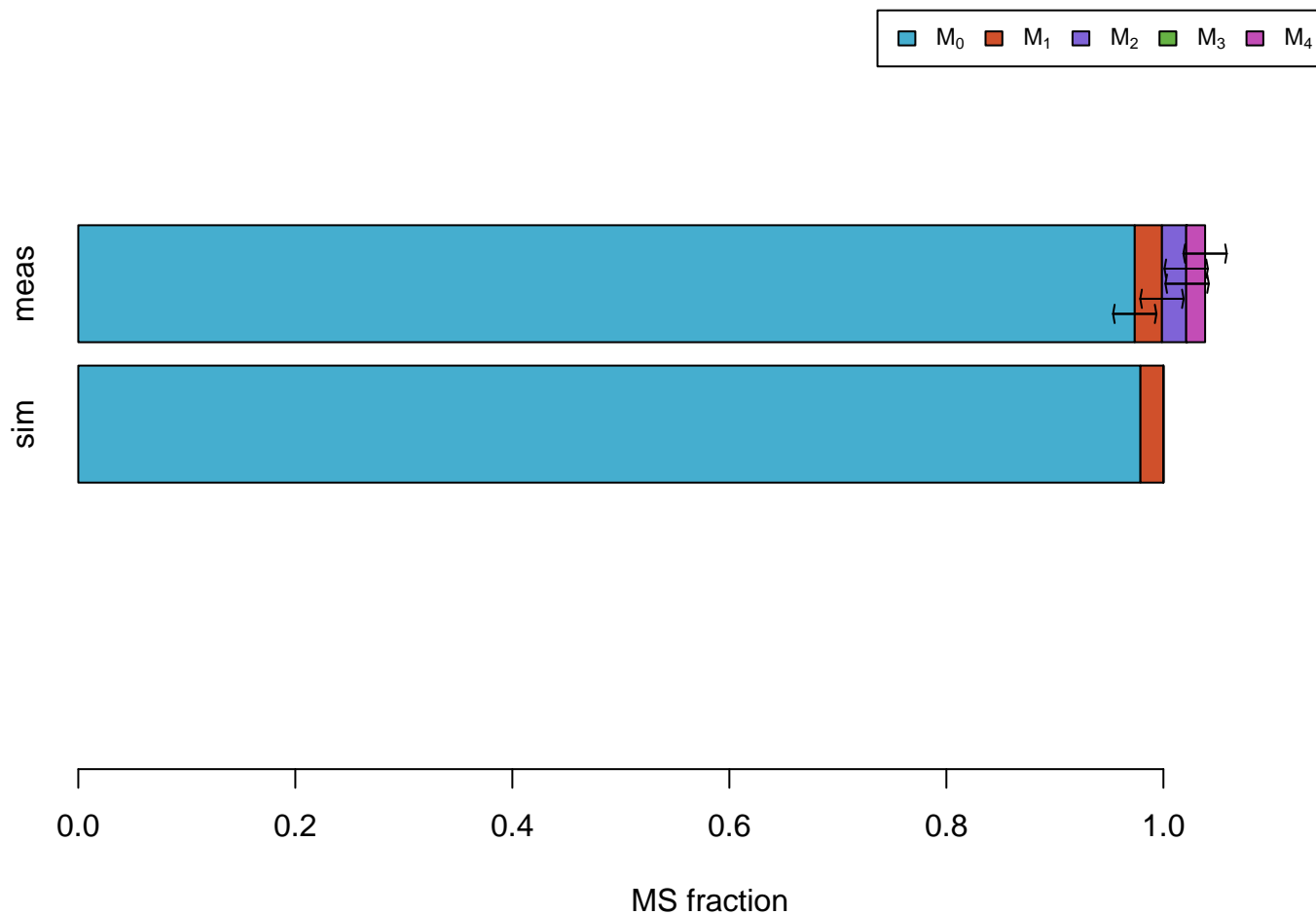
# Asp #0111



# Glu

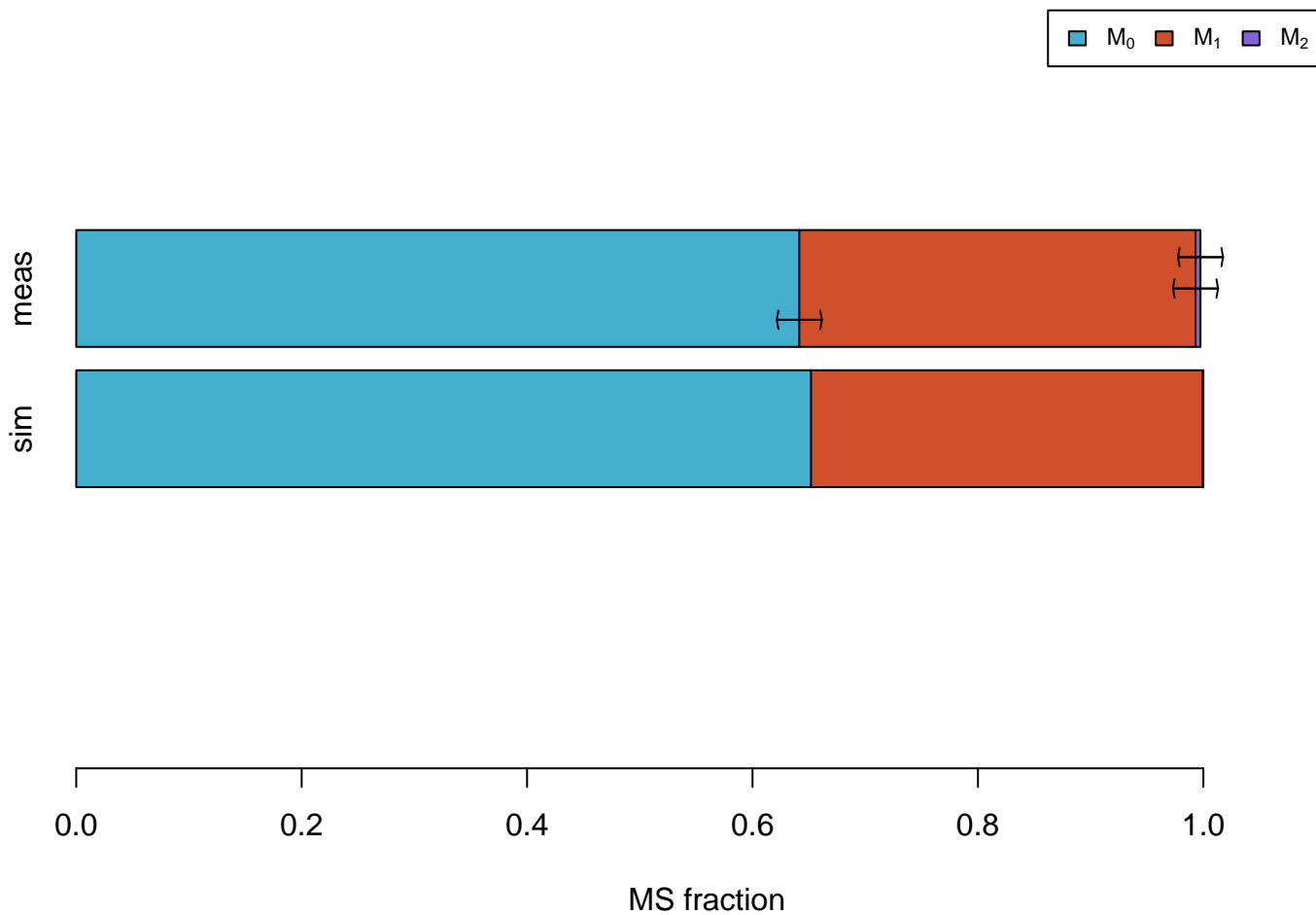


# Glu #01111





# Gly

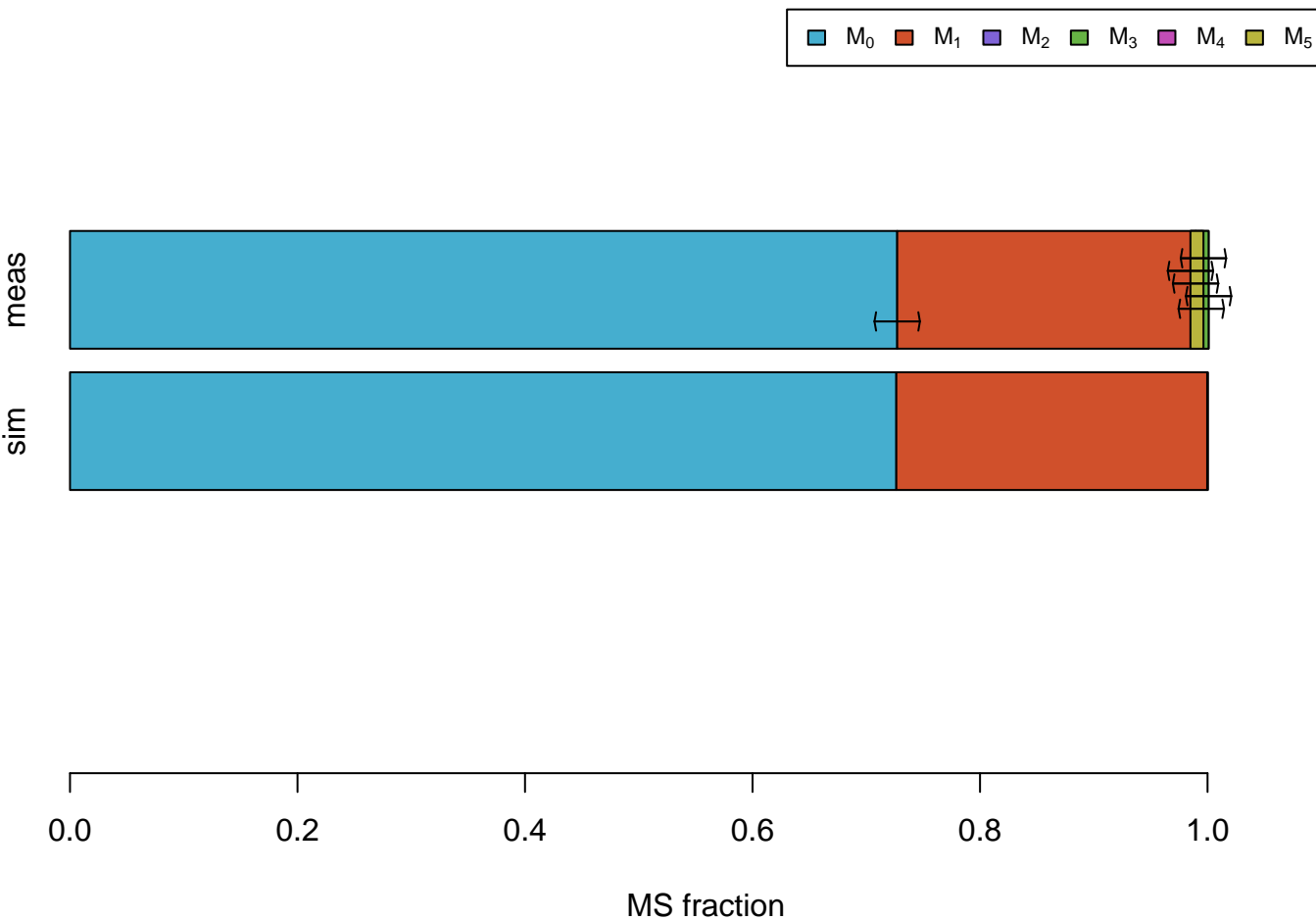


# Gly #01

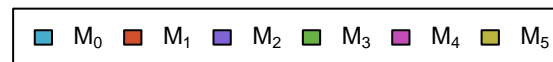


MS fraction

# Ile #011111

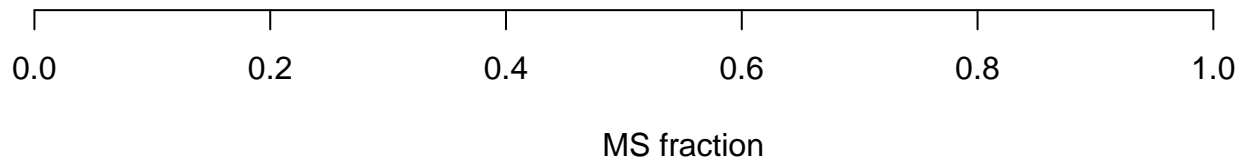


# Leu #011111

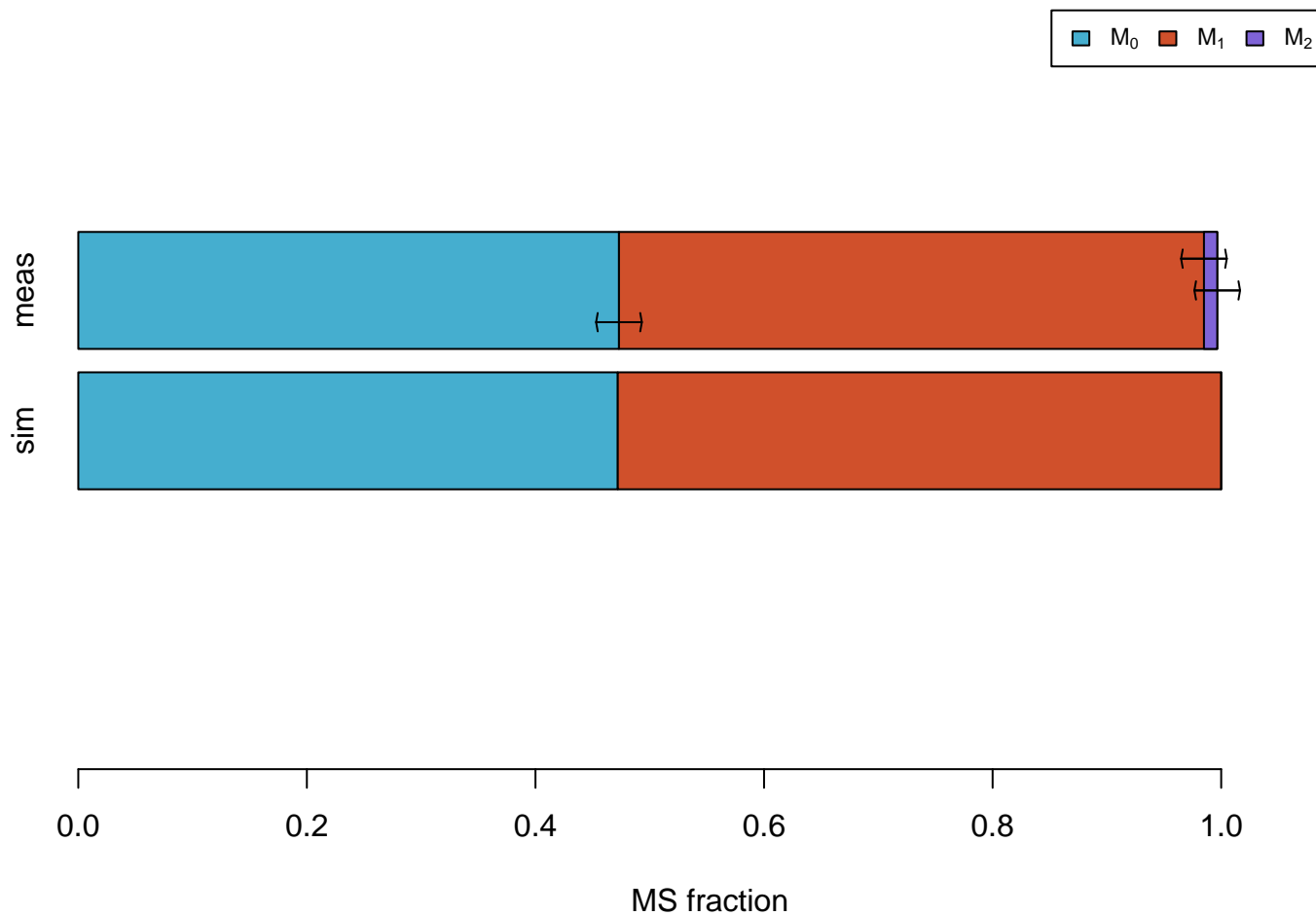


meas

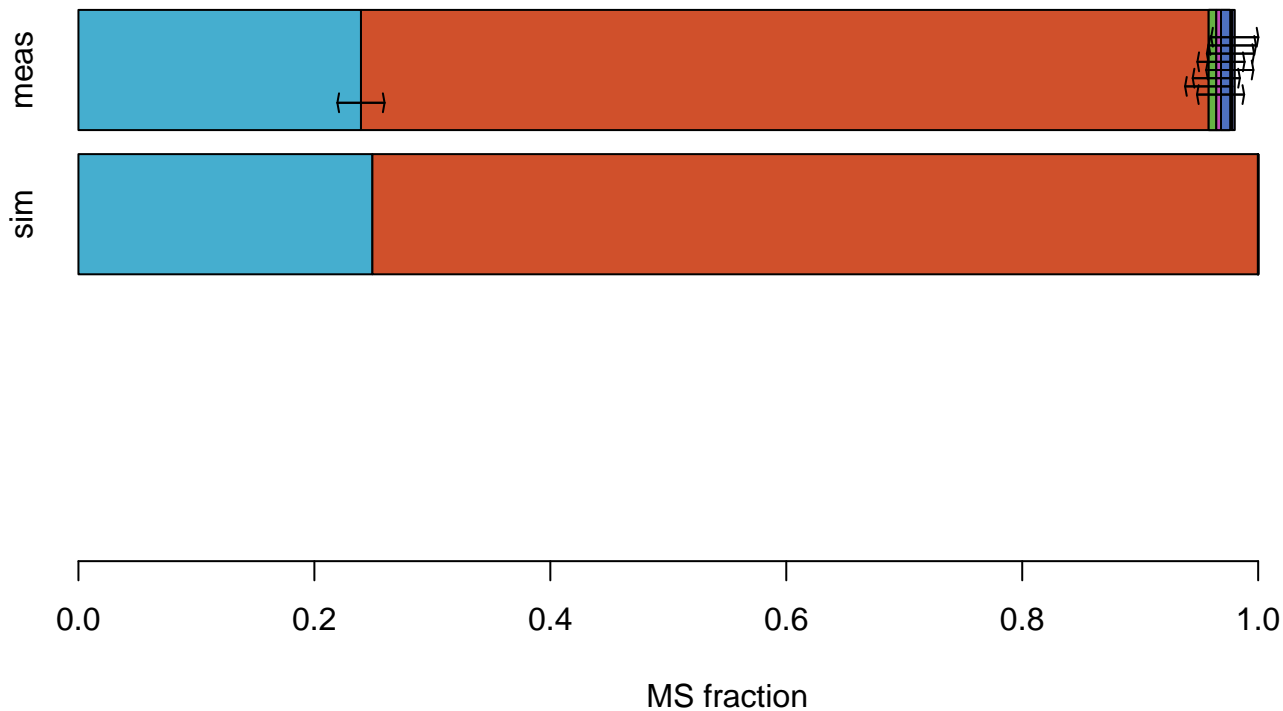
sim



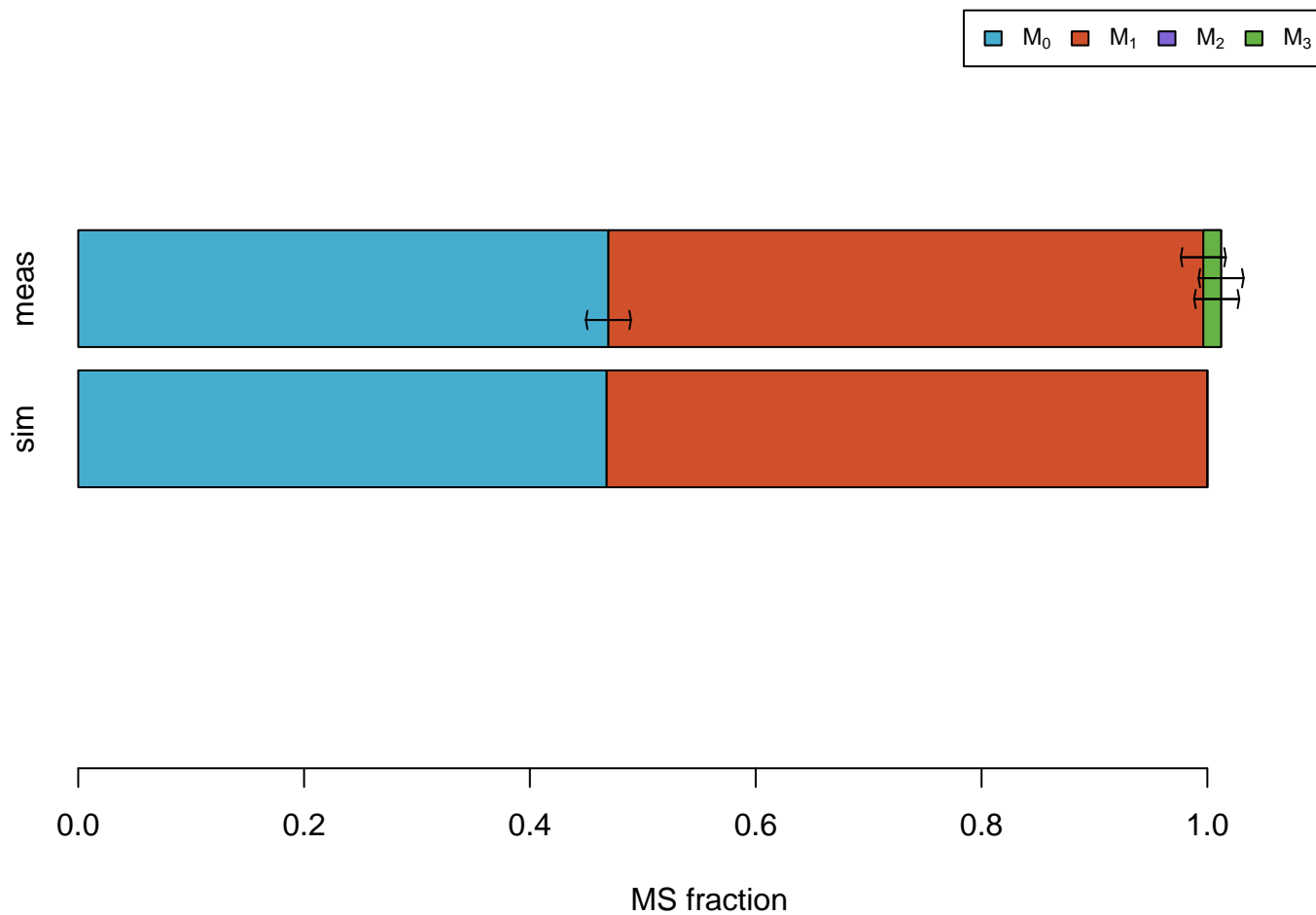
# Phe #110000000



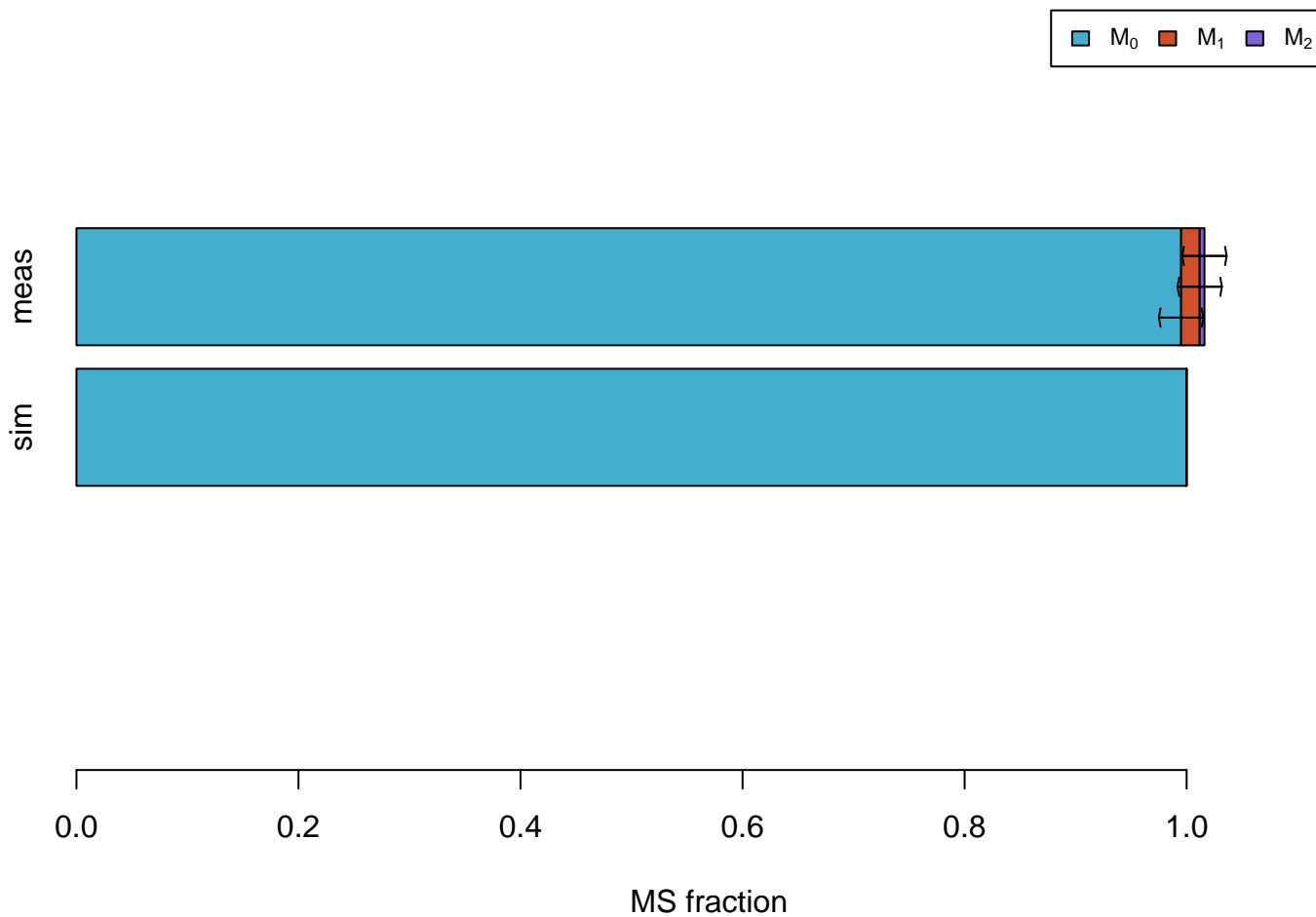
# Phe #011111111



# Ser

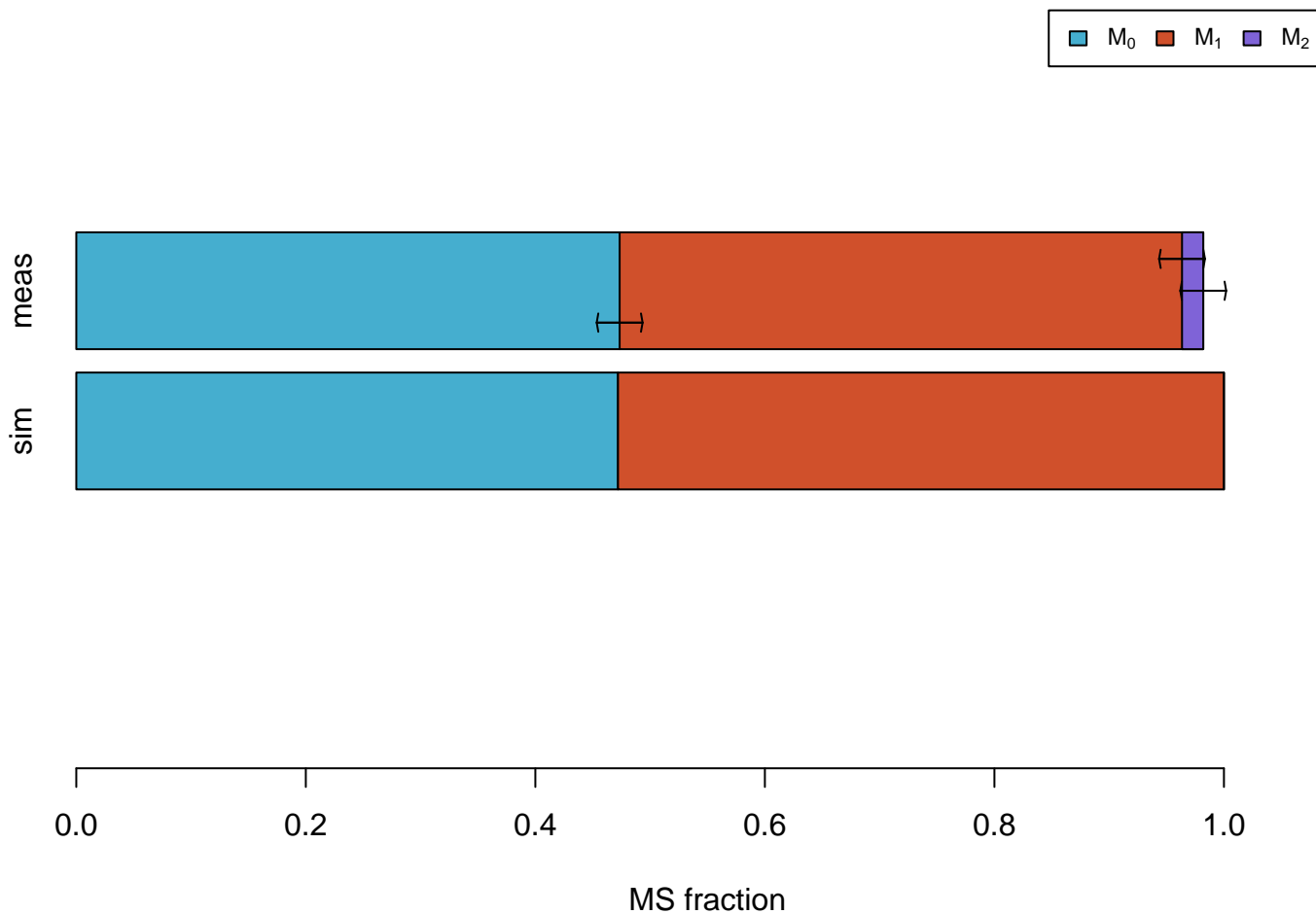


# Ser #011

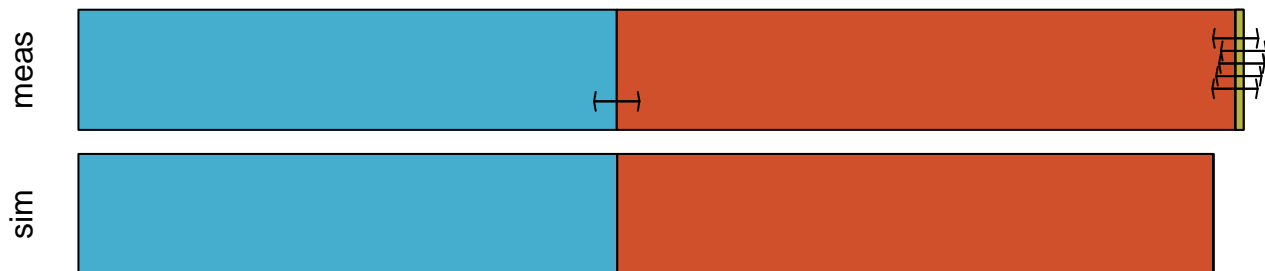




# Tyr #110000000



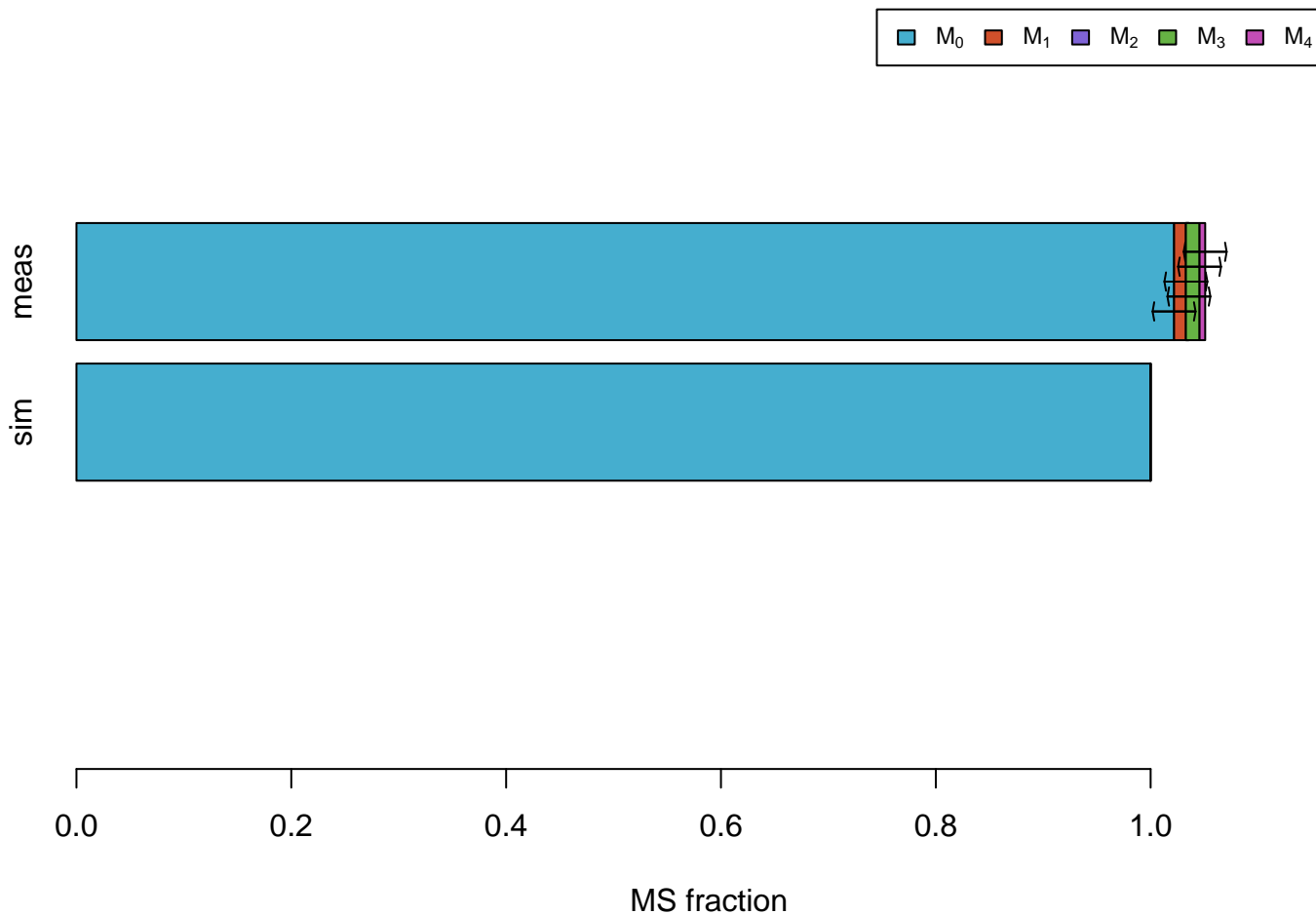
Val



0.0 0.2 0.4 0.6 0.8 1.0

MS fraction

# Val #01111



MS simulations

# 3PG



MS fraction

**Ac**



sim



MS fraction

# AcCoA

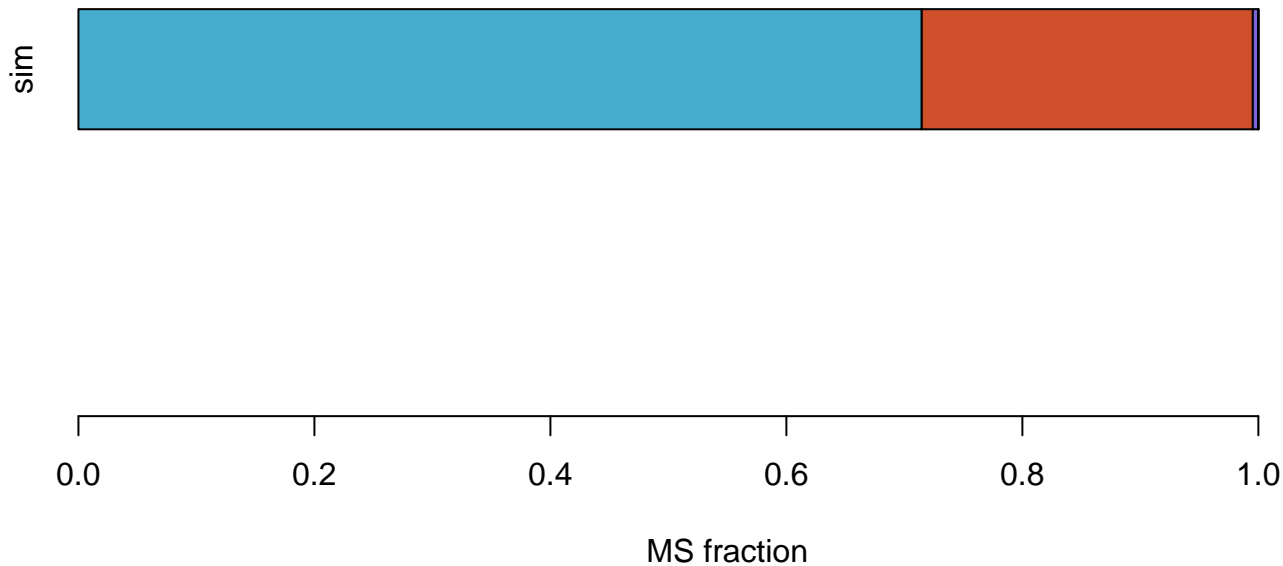
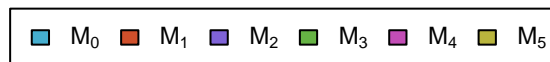


sim



MS fraction

# AKG





# Asn

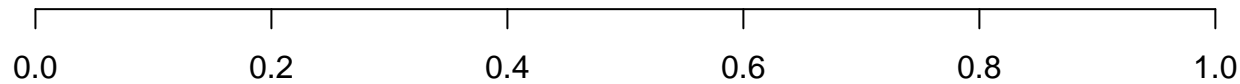


MS fraction

CO2



sim



MS fraction

# Cys



MS fraction

# DHAP



sim



MS fraction

# E4P



MS fraction

# FTHF



sim



MS fraction

# Fum



MS fraction

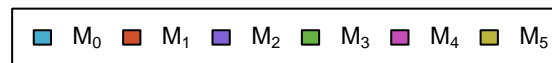
# GAP



MS fraction



# Gln



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction

# Glyox

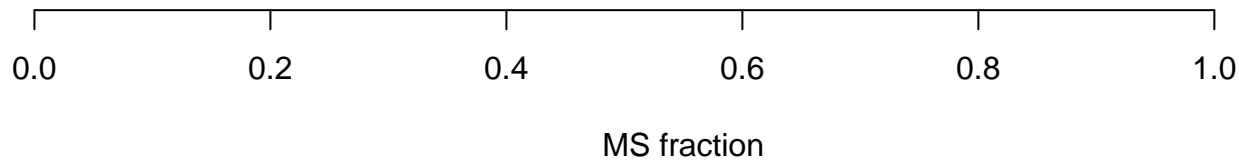


sim



MS fraction

# Mal

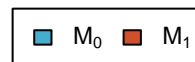


# MEETHF



MS fraction

# METHF



sim



MS fraction

# OAC



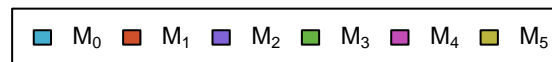
MS fraction

# PEP



MS fraction

Pro



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction



# Pyr



sim



MS fraction

# Suc



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction

# SucCoA



sim



MS fraction

# TA-C3



sim



MS fraction

Thr



sim



MS fraction

# TK-C2



sim



MS fraction