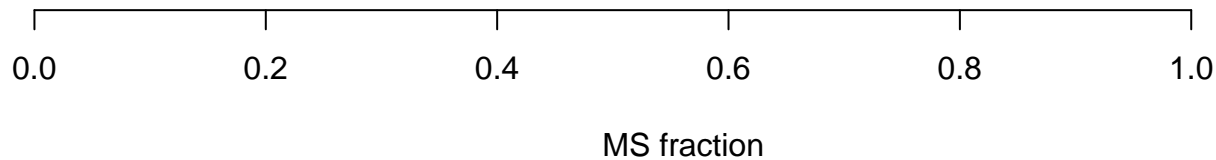
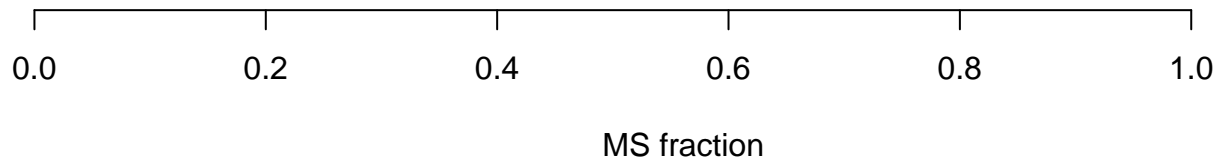
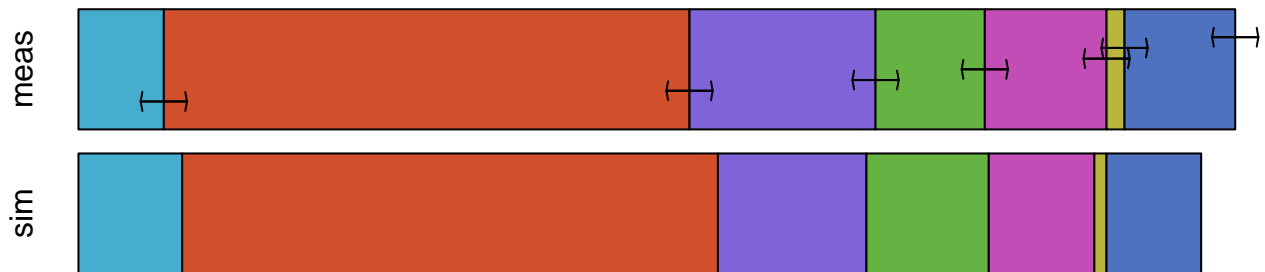


MS measurements  
(error bars= $\pm 2 \cdot \text{dev}$ )

# Fru6P



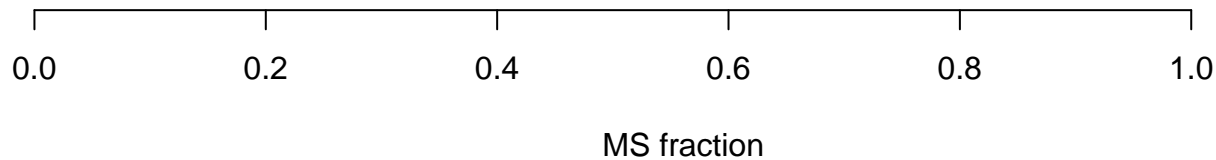
# FruBP



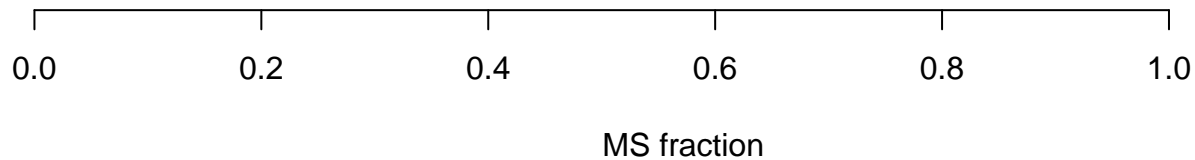
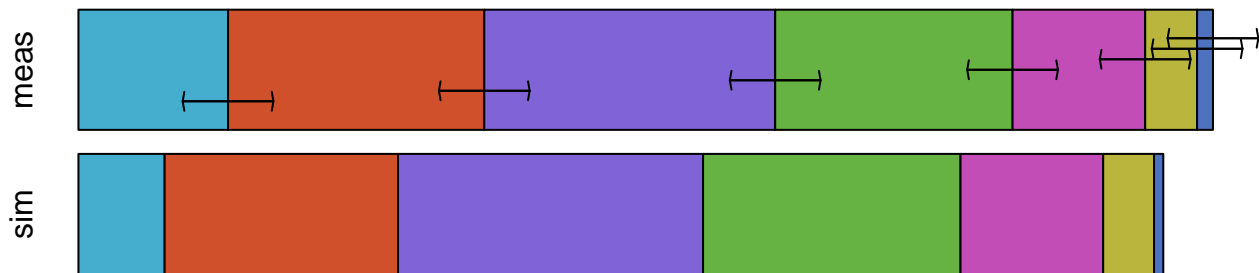
# Glc6P



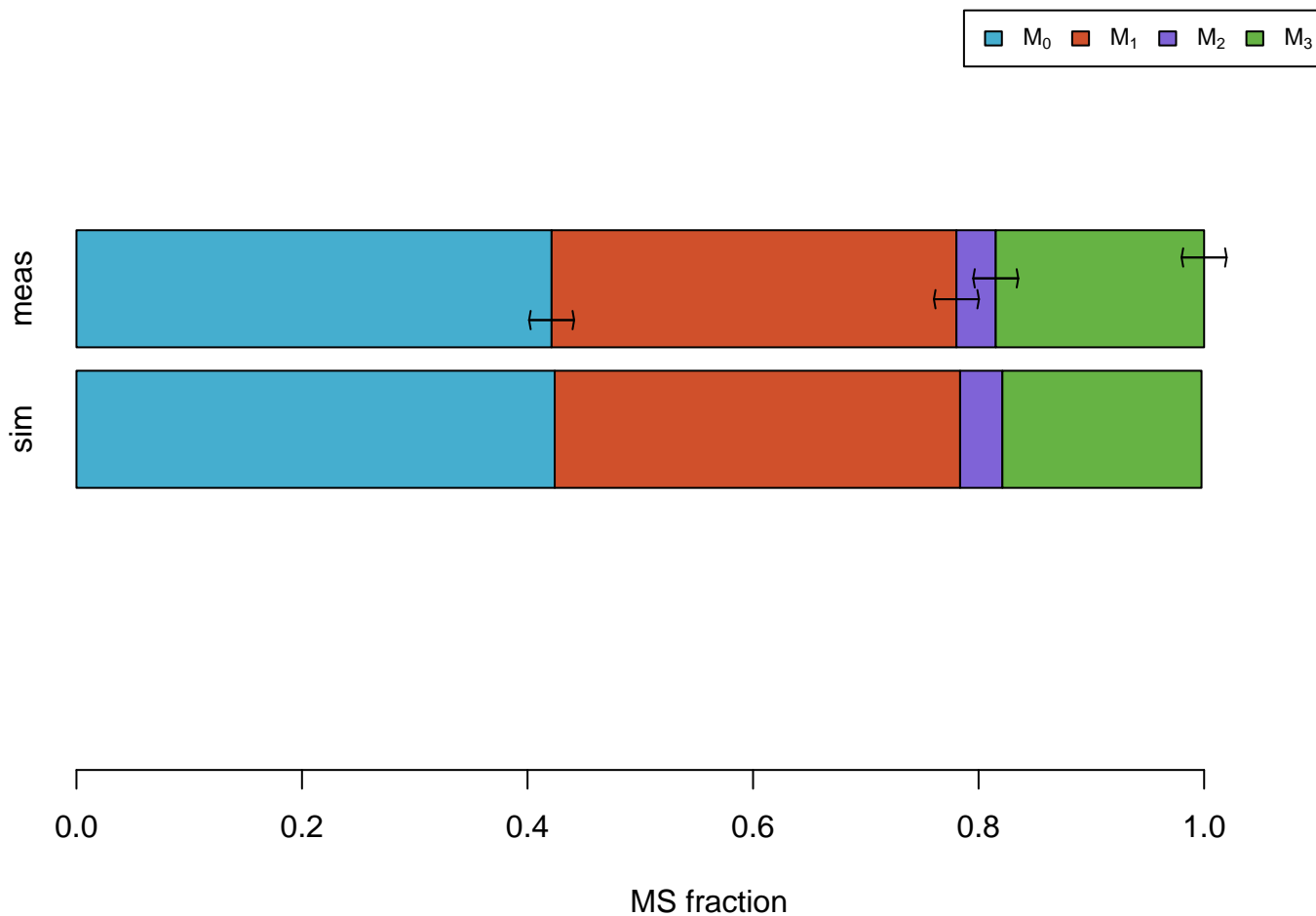
# Gnt6P



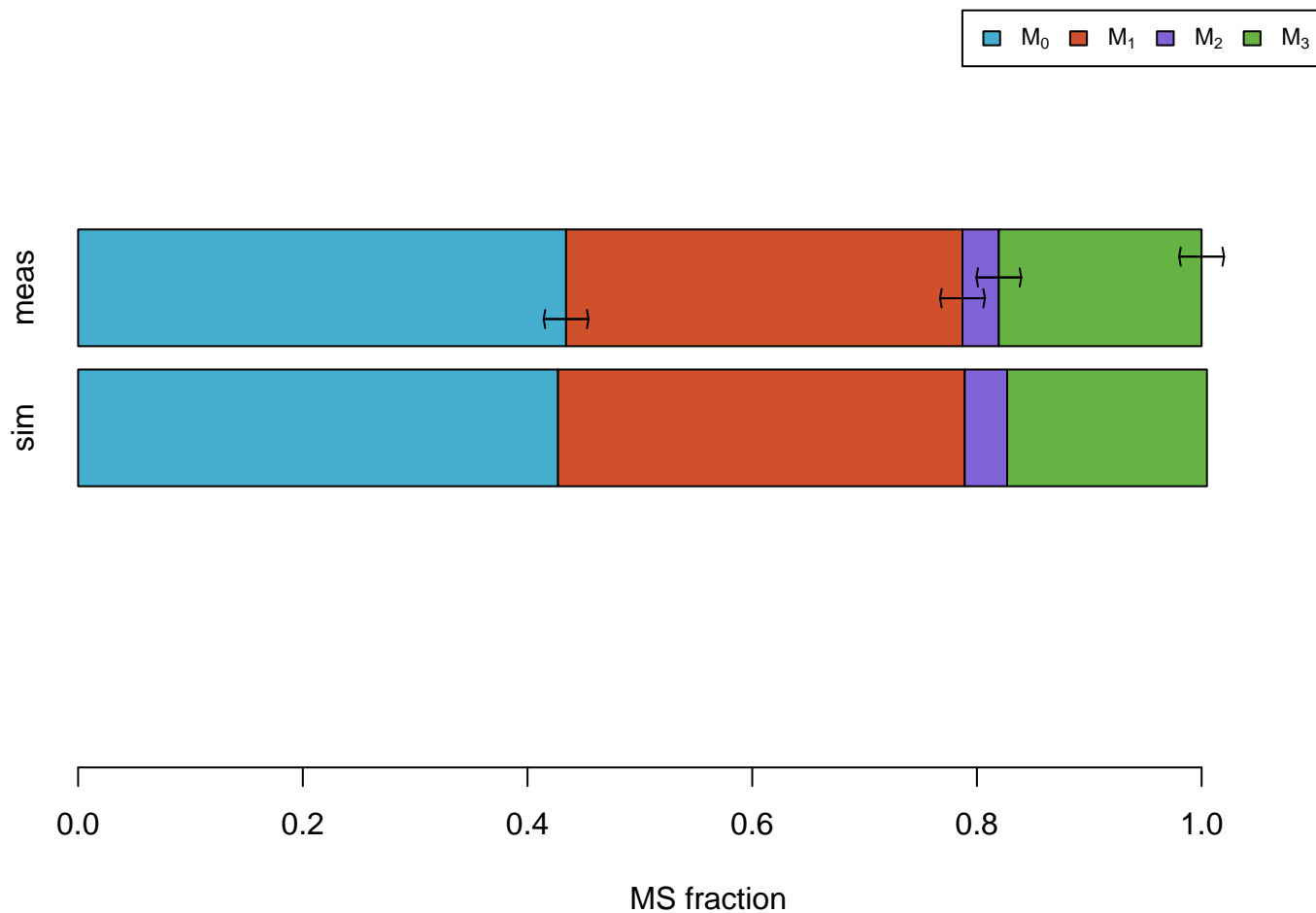
# ICit



# PEP

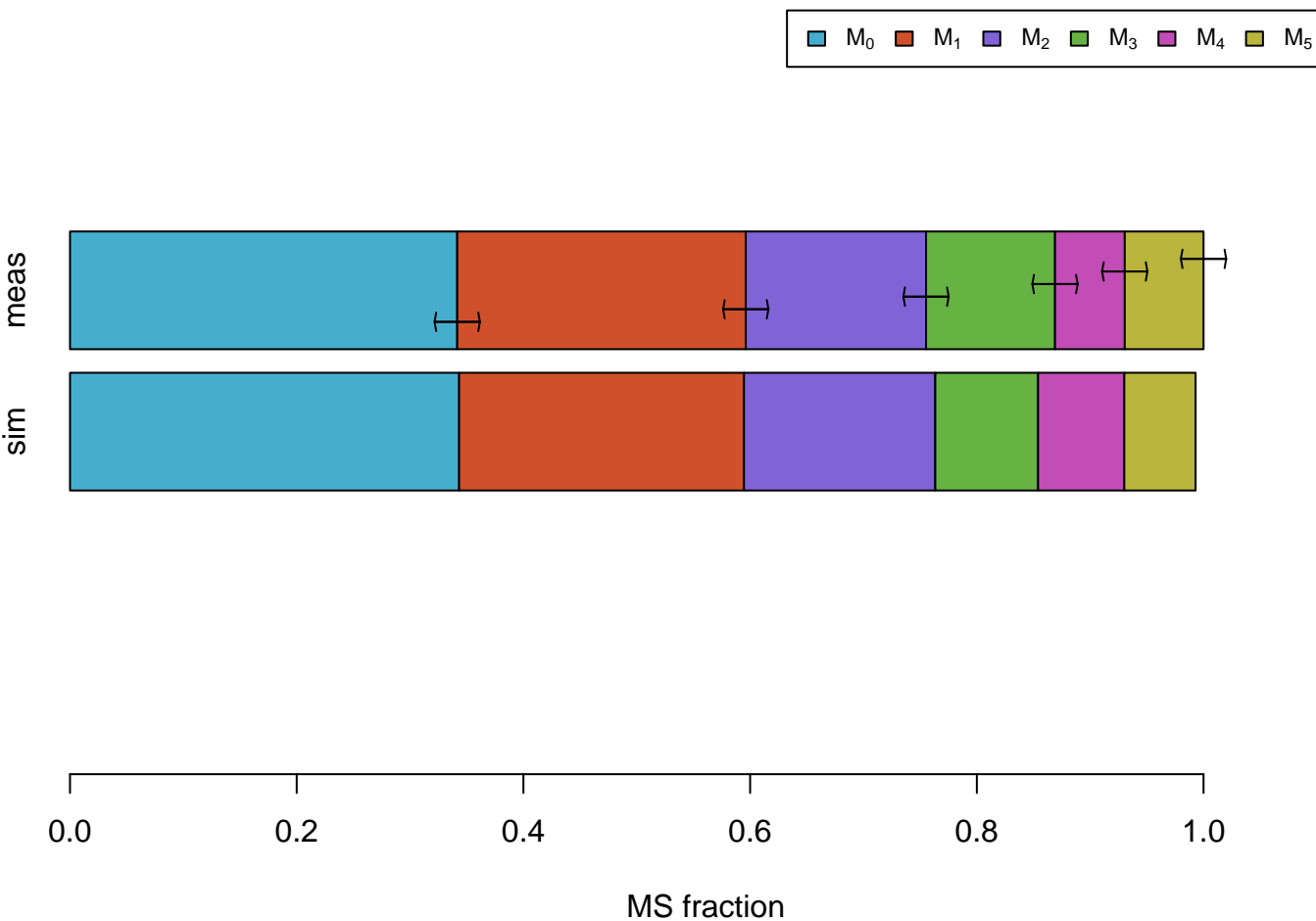


# PGA

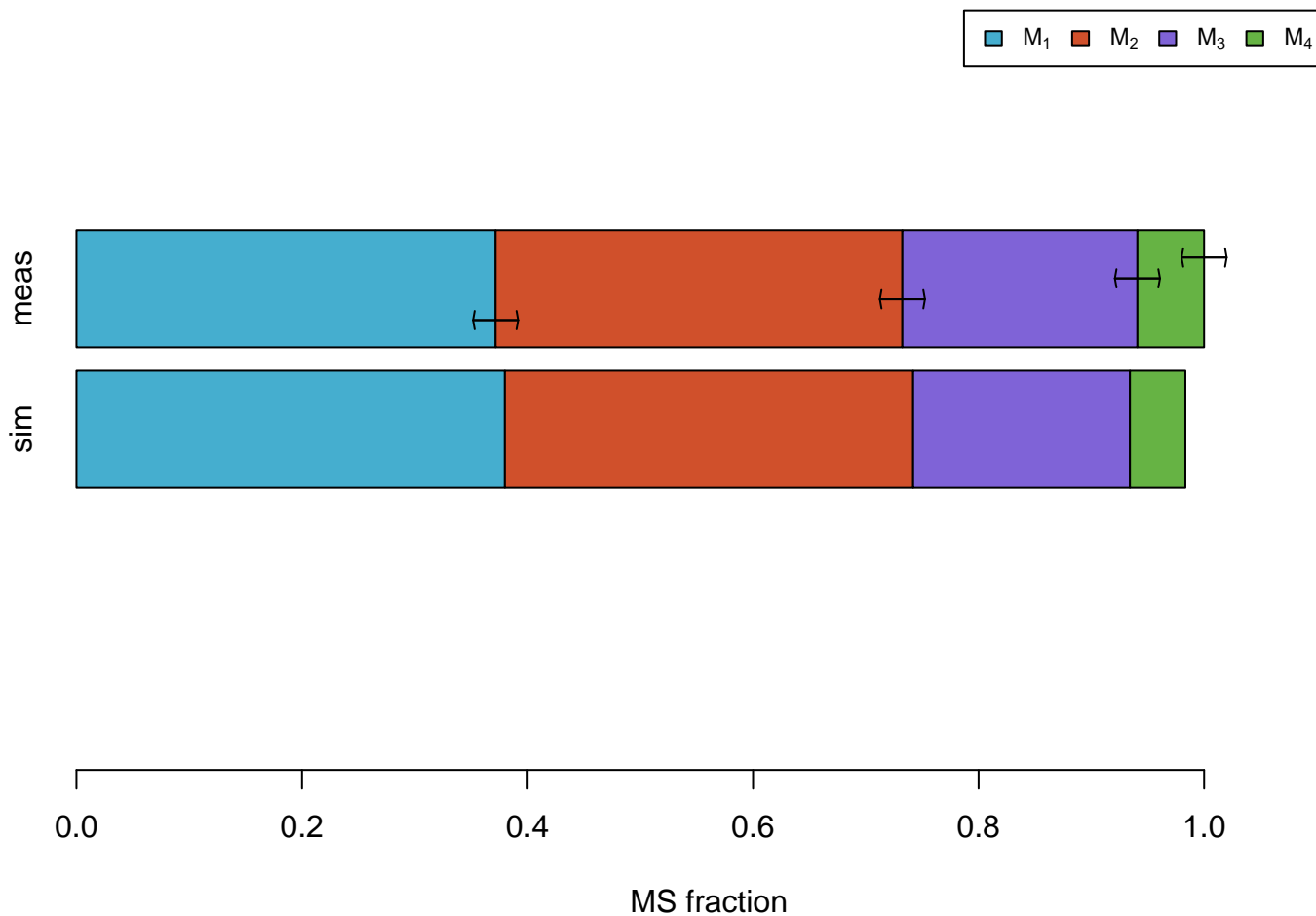




# Rib5P

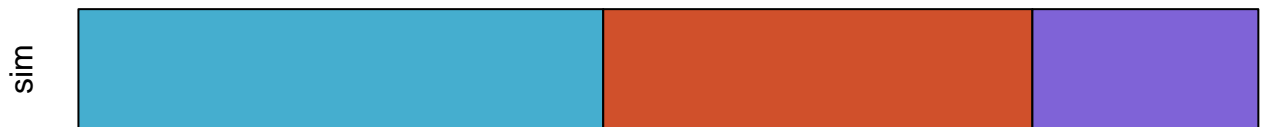


# Suc



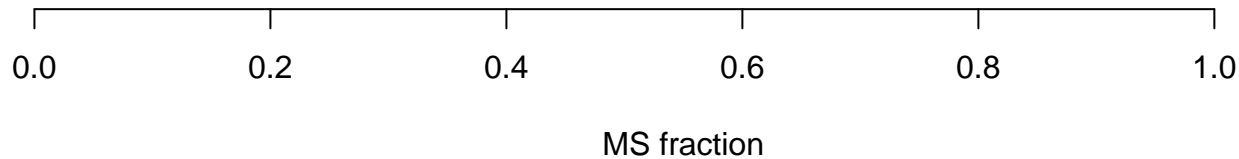
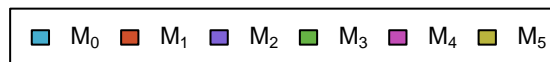
MS simulations

# AcCoA



MS fraction

# AKG



# Ala

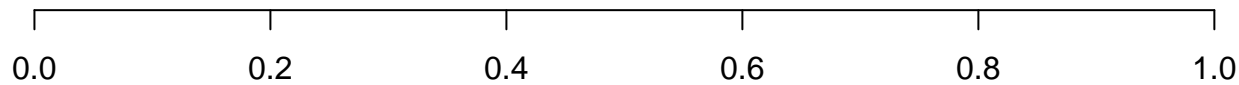
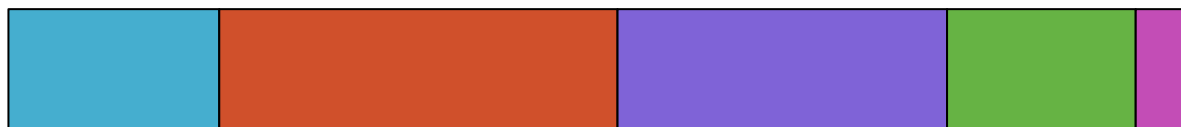


MS fraction

# Asn



sim



MS fraction

# Asp



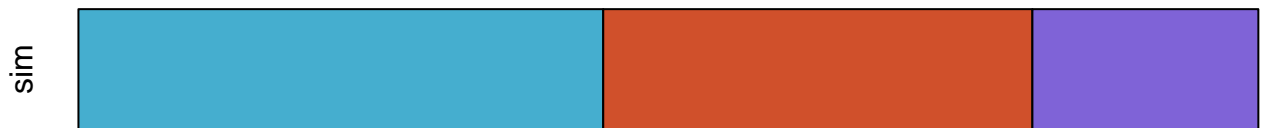
sim



MS fraction

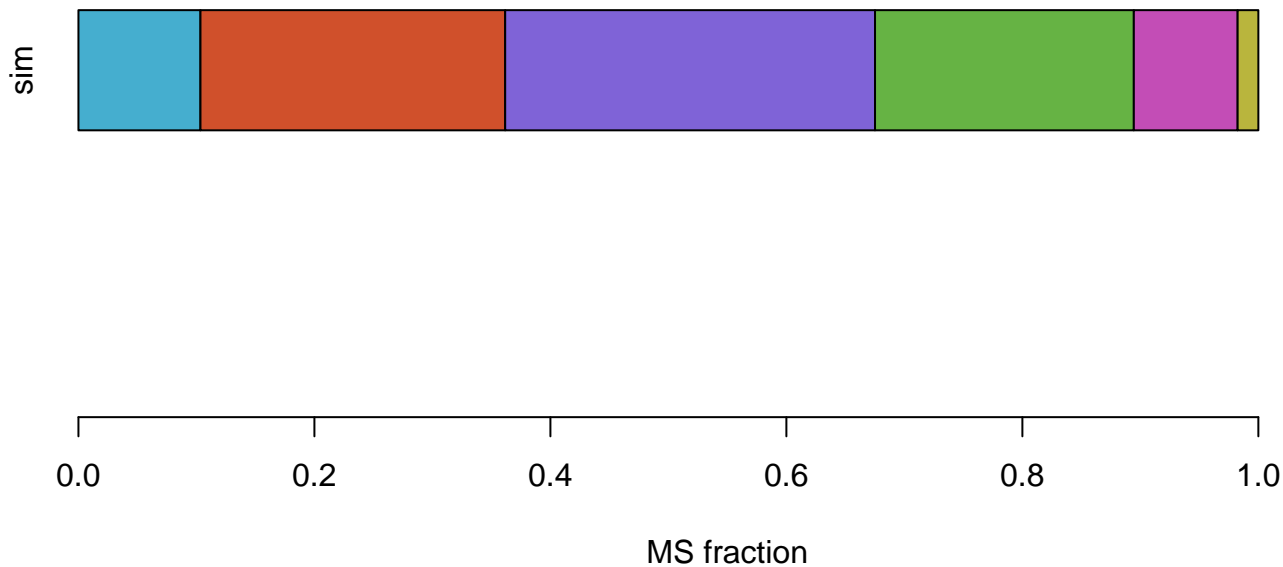
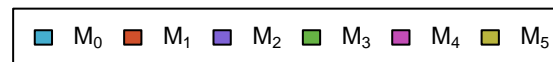


# BM\_AcCoA



MS fraction

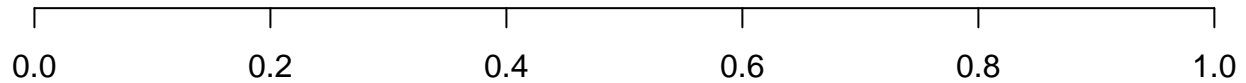
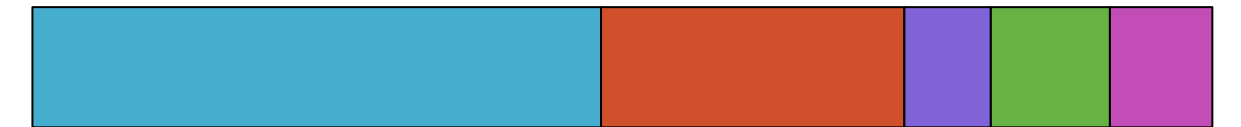
# BM\_AKG



# BM\_Ery4P



sim



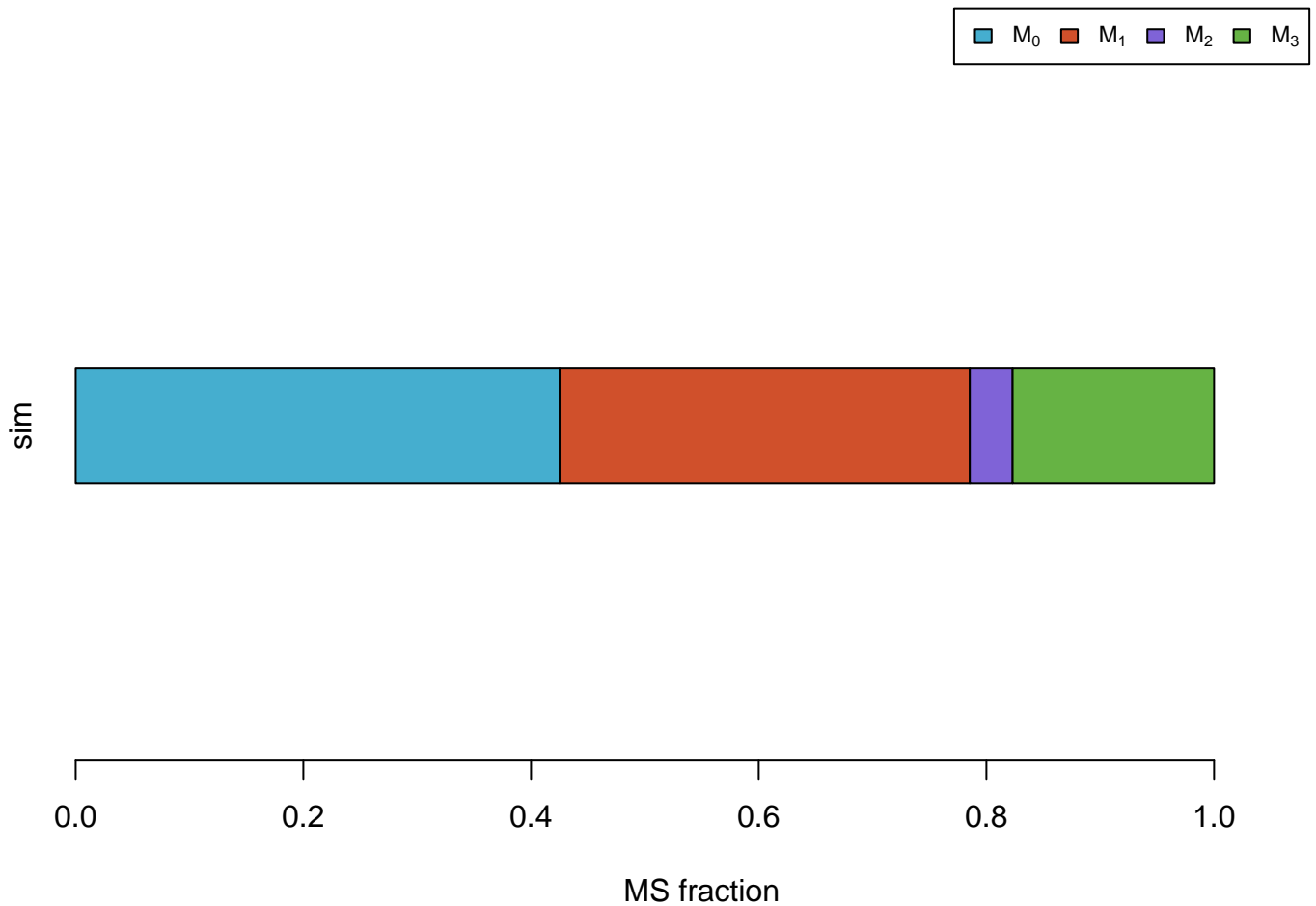
MS fraction

# BM\_OAA

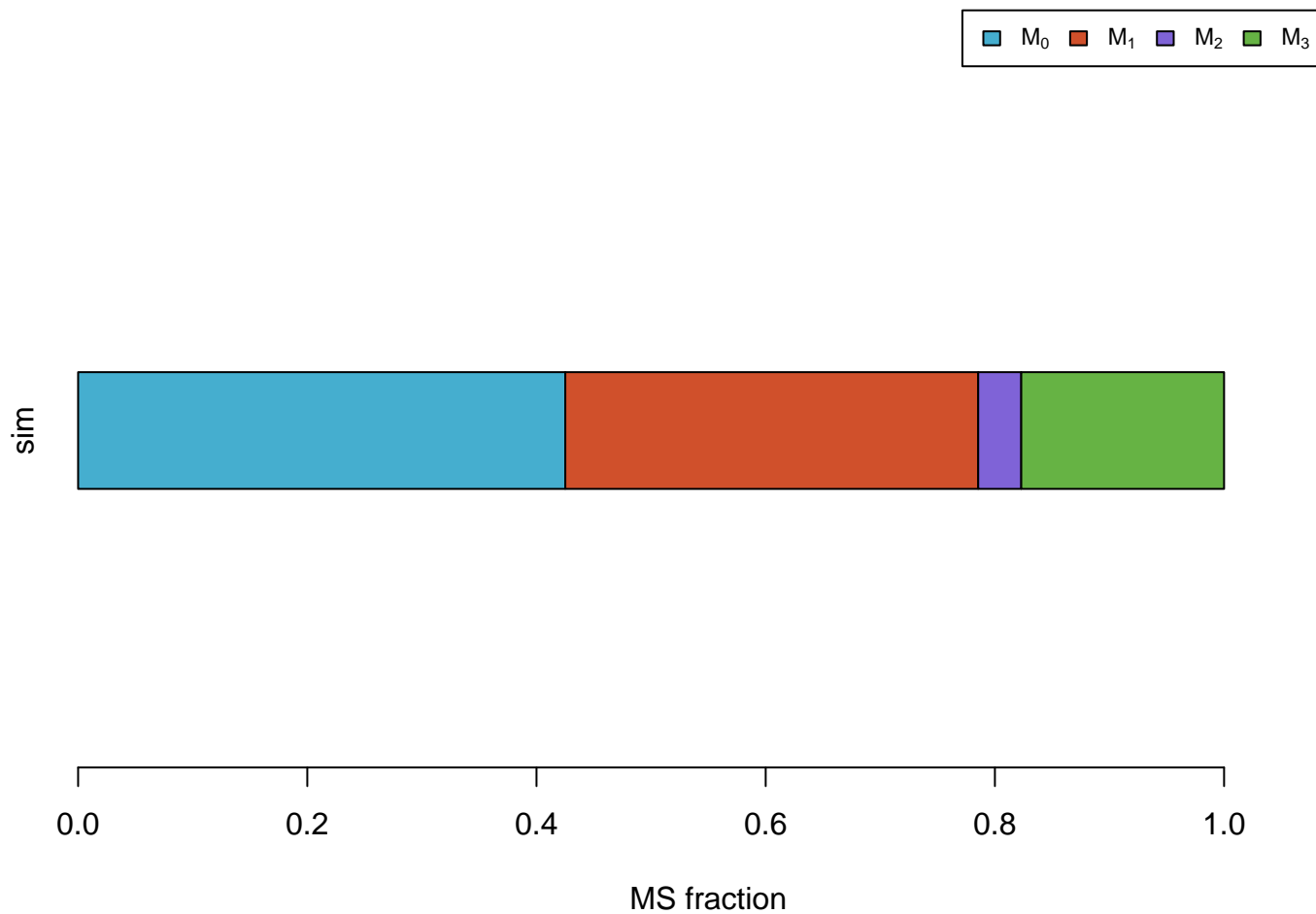


MS fraction

# BM\_PEP



# BM\_PGA



# BM\_Pyr

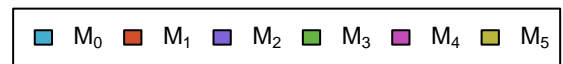


sim

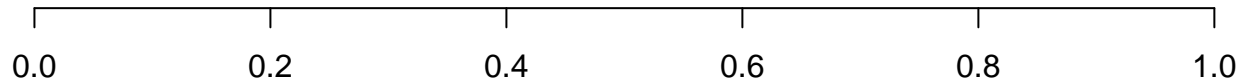


MS fraction

# BM\_Rib5P



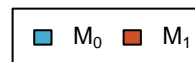
sim



MS fraction



CO2



sim



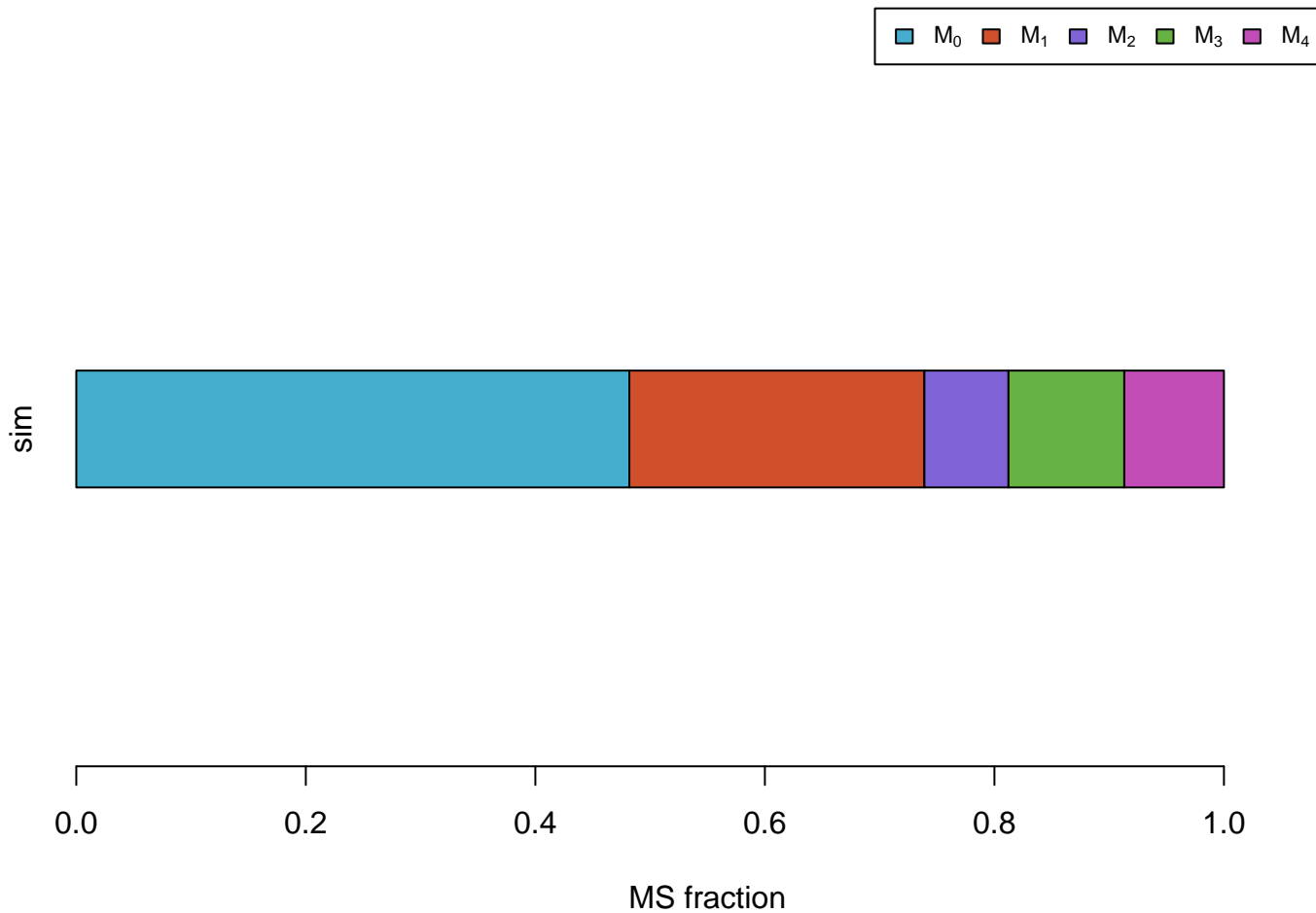
MS fraction

# Cys



MS fraction

# Ery4P



# FTHF



sim



MS fraction

# GA3P



sim



0.0

0.2

0.4

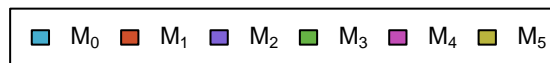
0.6

0.8

1.0

MS fraction

# Glu



sim



MS fraction

# Gly



sim



0.0

0.2

0.4

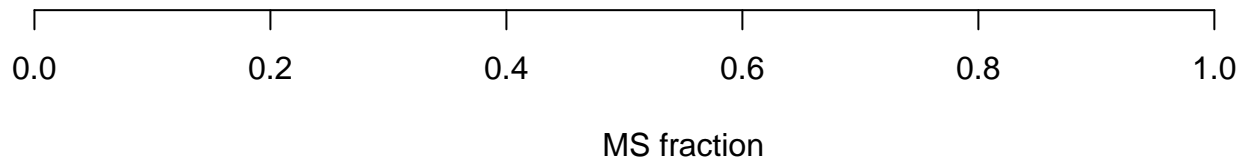
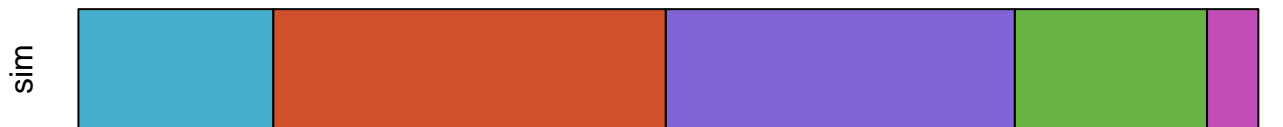
0.6

0.8

1.0

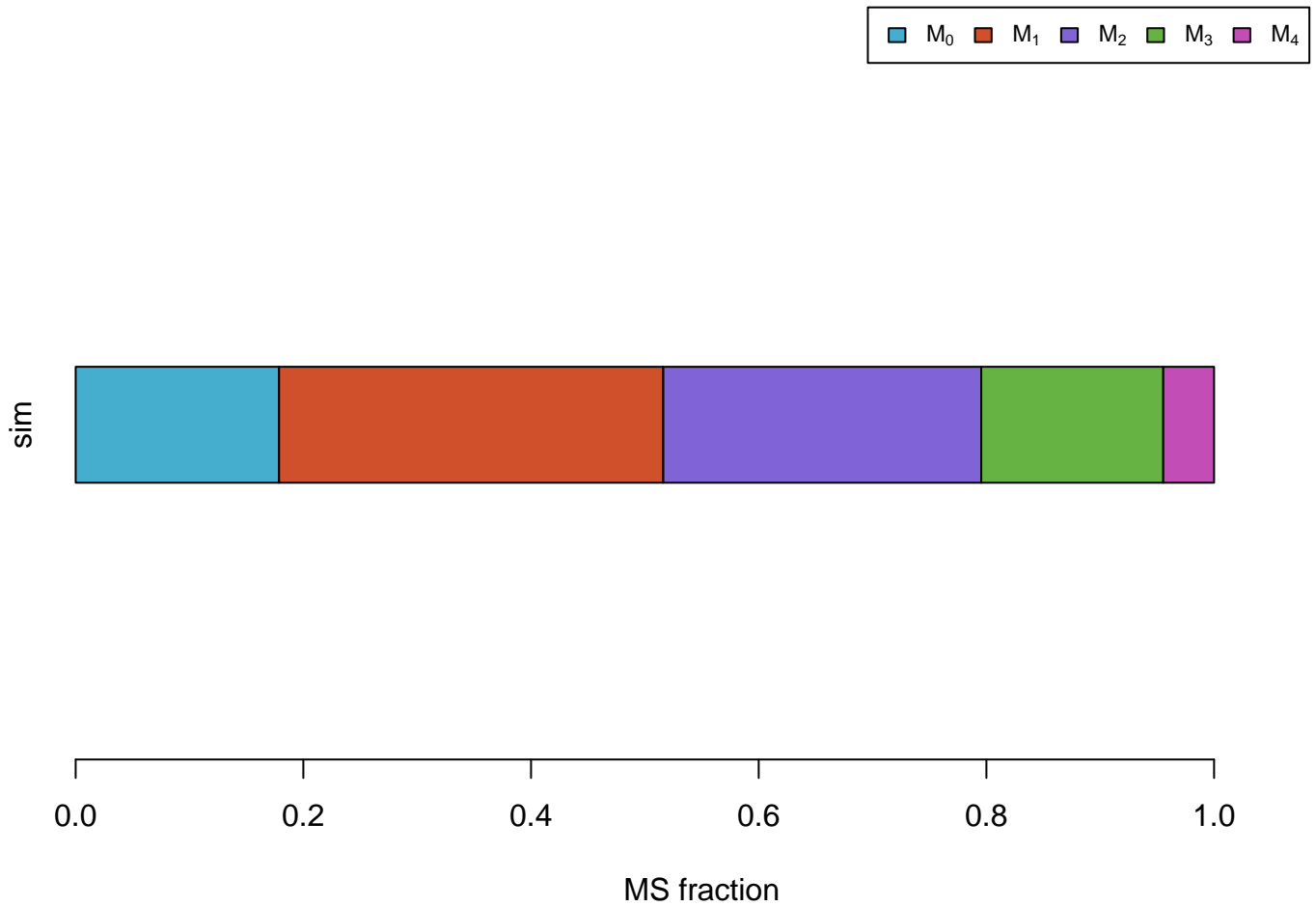
MS fraction

# Mal





# OAA



# Pyr



sim



MS fraction

Ser



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction

Thr



sim



MS fraction

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

out\_Ac

meas

sim

0.00

0.05

0.10

0.15

0.20

Flux value

