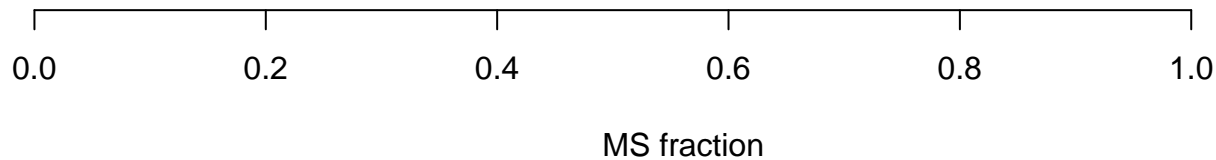


MS measurements  
(error bars= $\pm 2 \cdot \text{dev}$ )

# Fru6P



# FruBP



MS fraction

# Glc6P



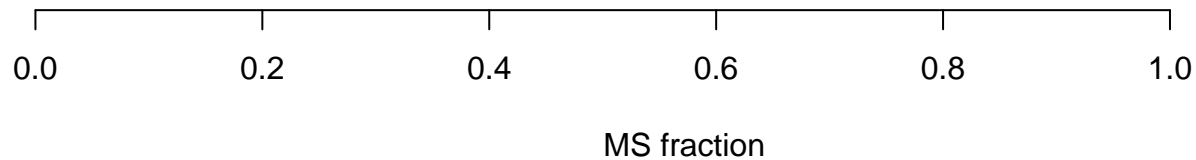
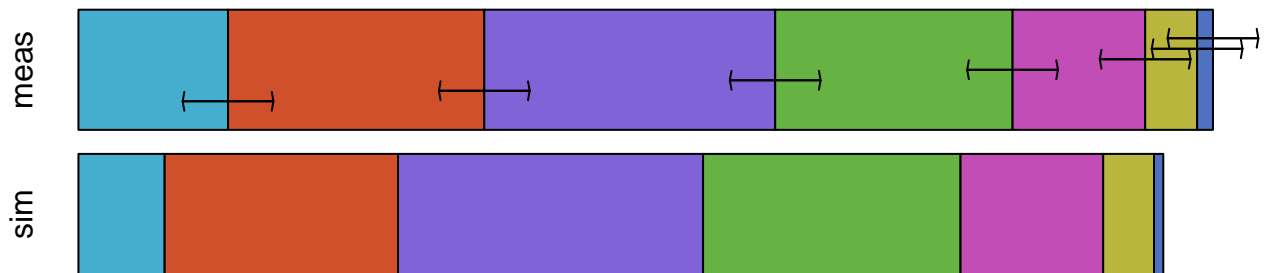
MS fraction

# Gnt6P

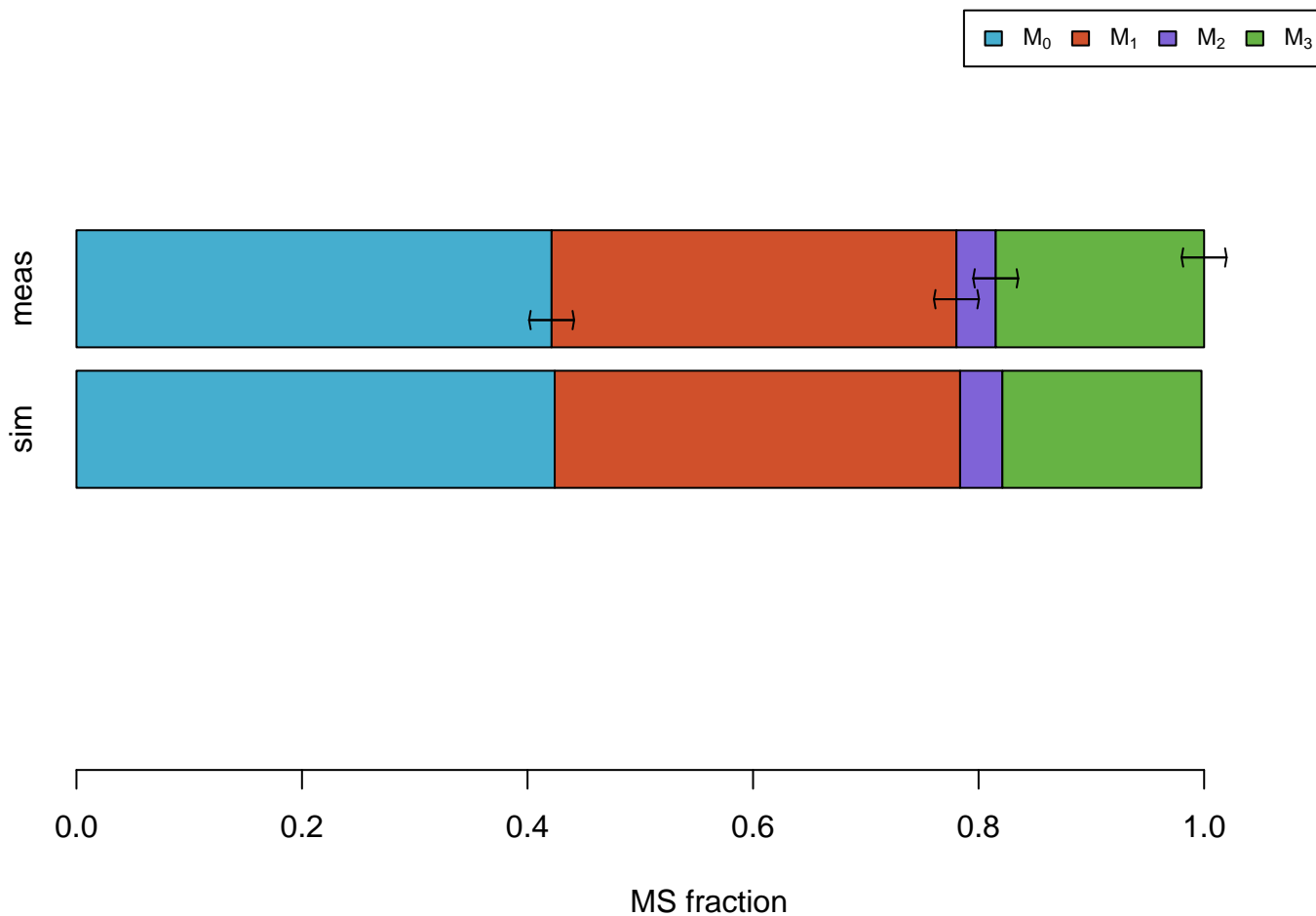


MS fraction

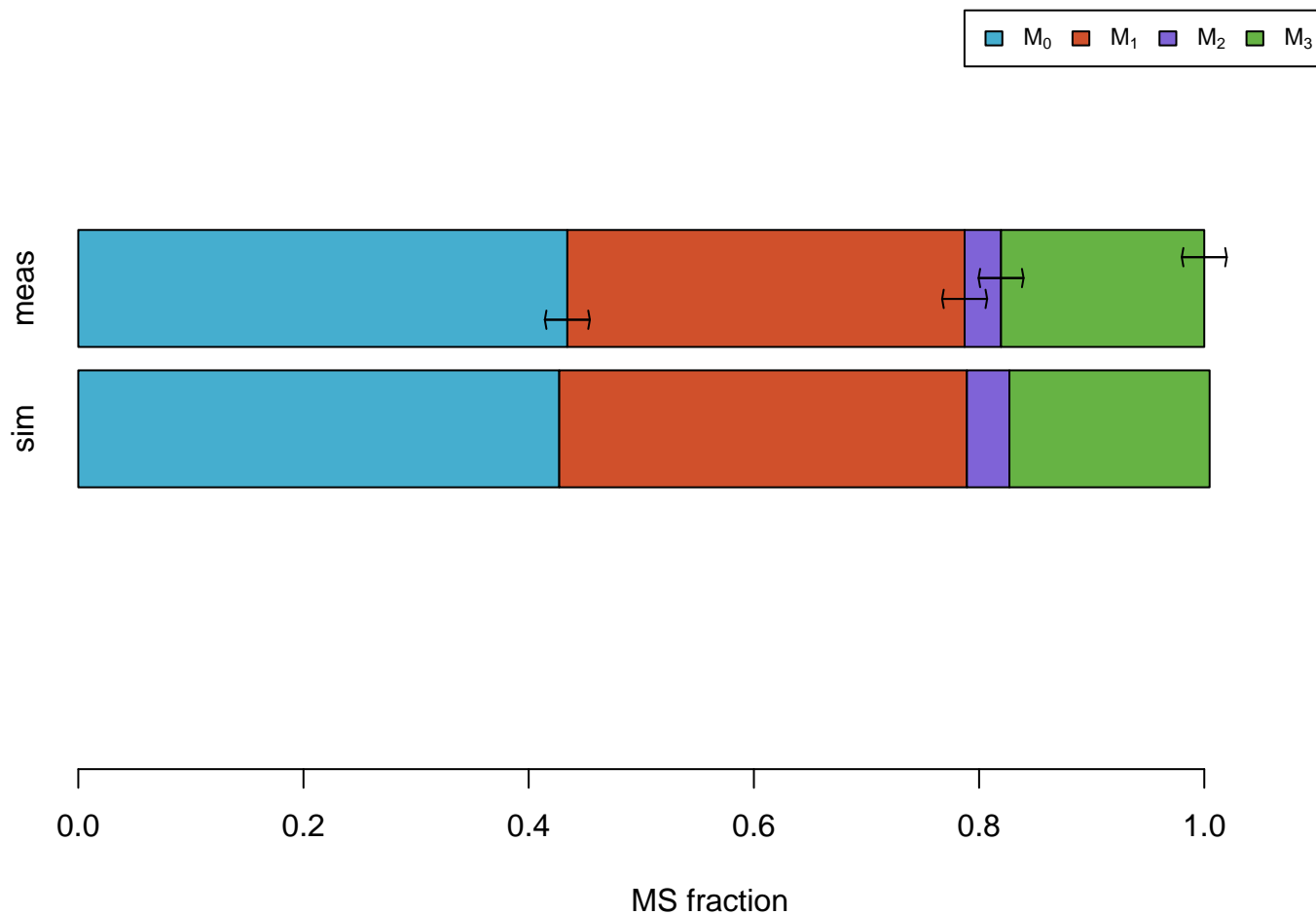
# ICit



# PEP

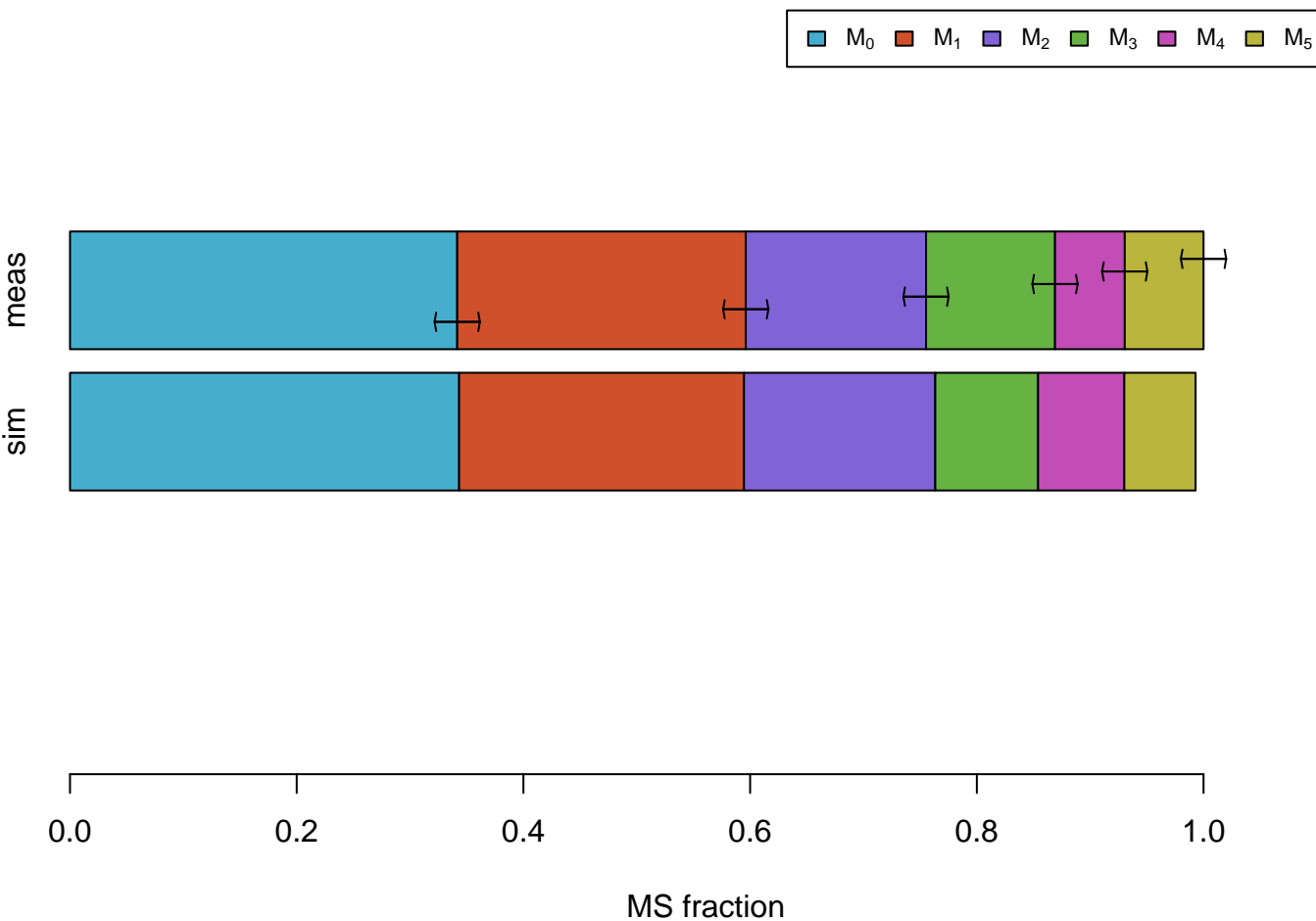


# PGA

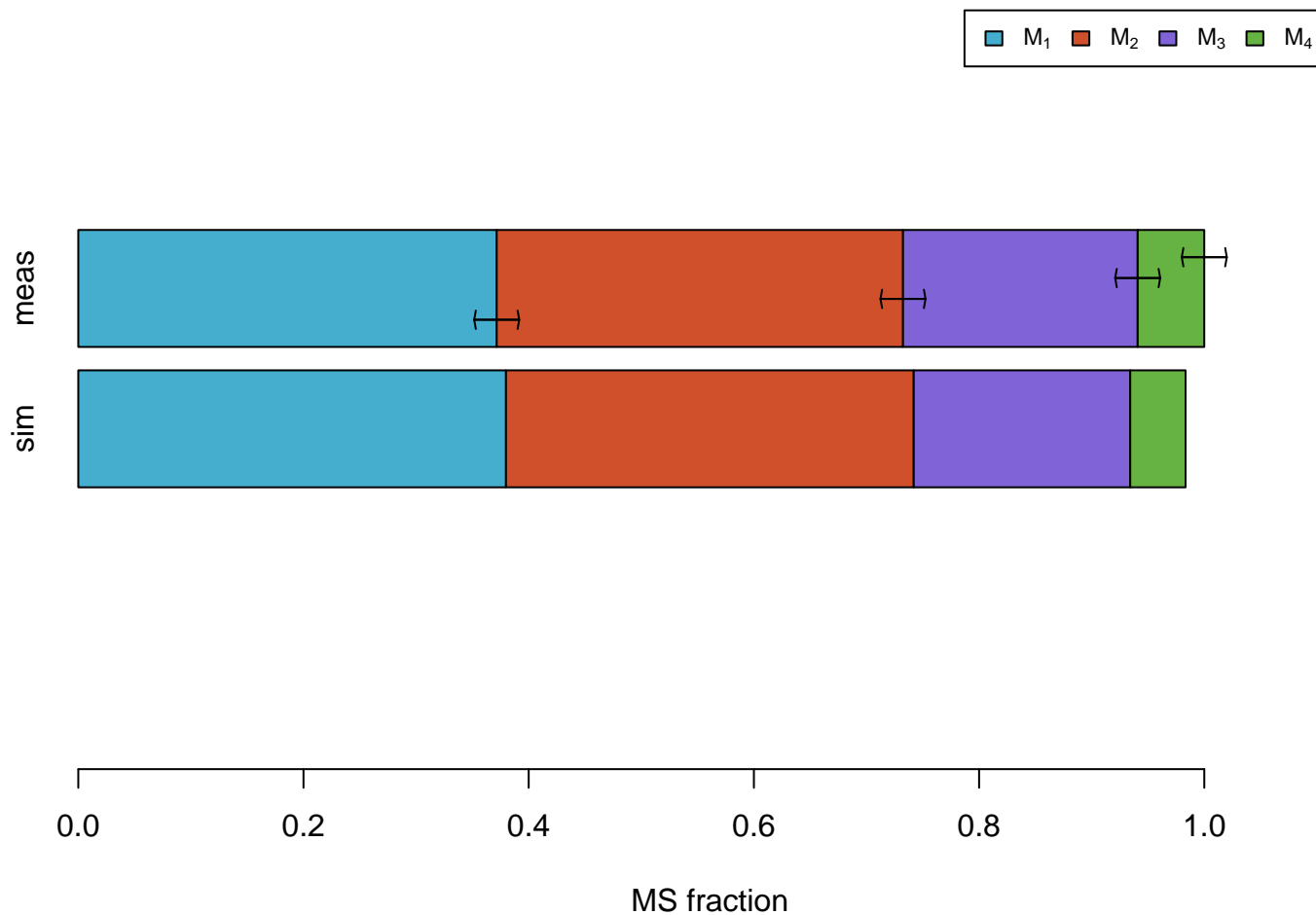




# Rib5P



# Suc



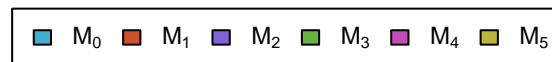
MS simulations

# AcCoA



MS fraction

# AKG



MS fraction

# Ala

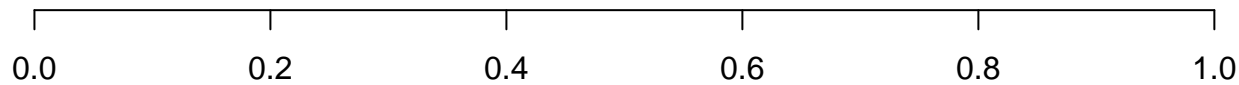
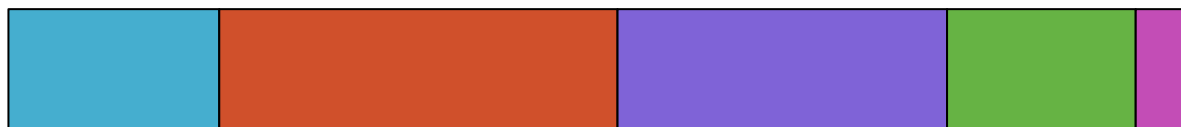


MS fraction

# Asn

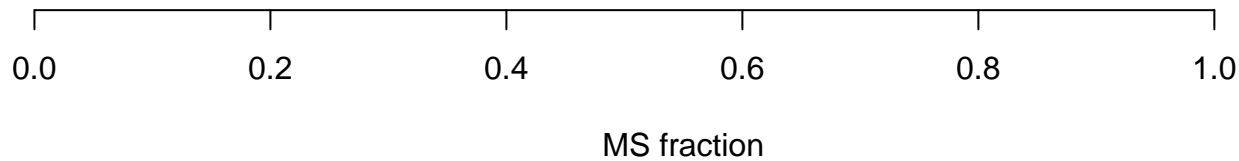


sim



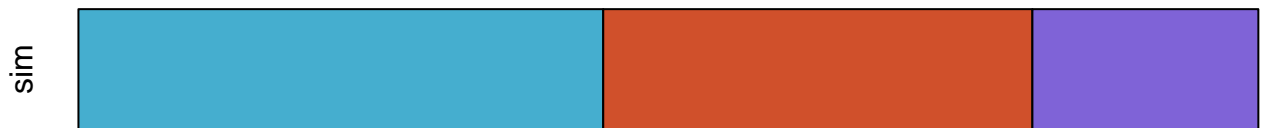
MS fraction

# Asp



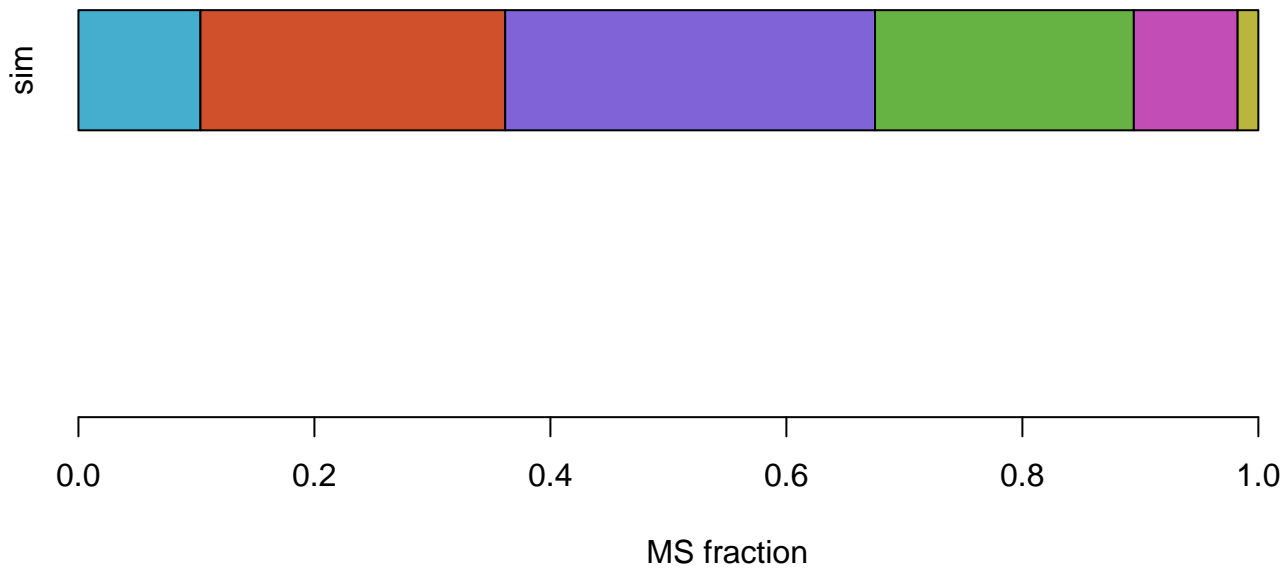
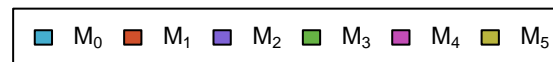


# BM\_AcCoA



MS fraction

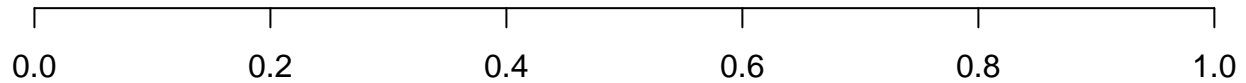
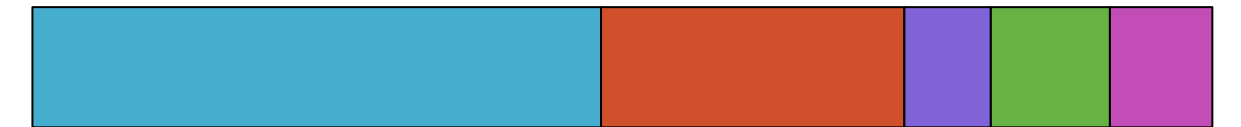
# BM\_AKG



# BM\_Ery4P



sim



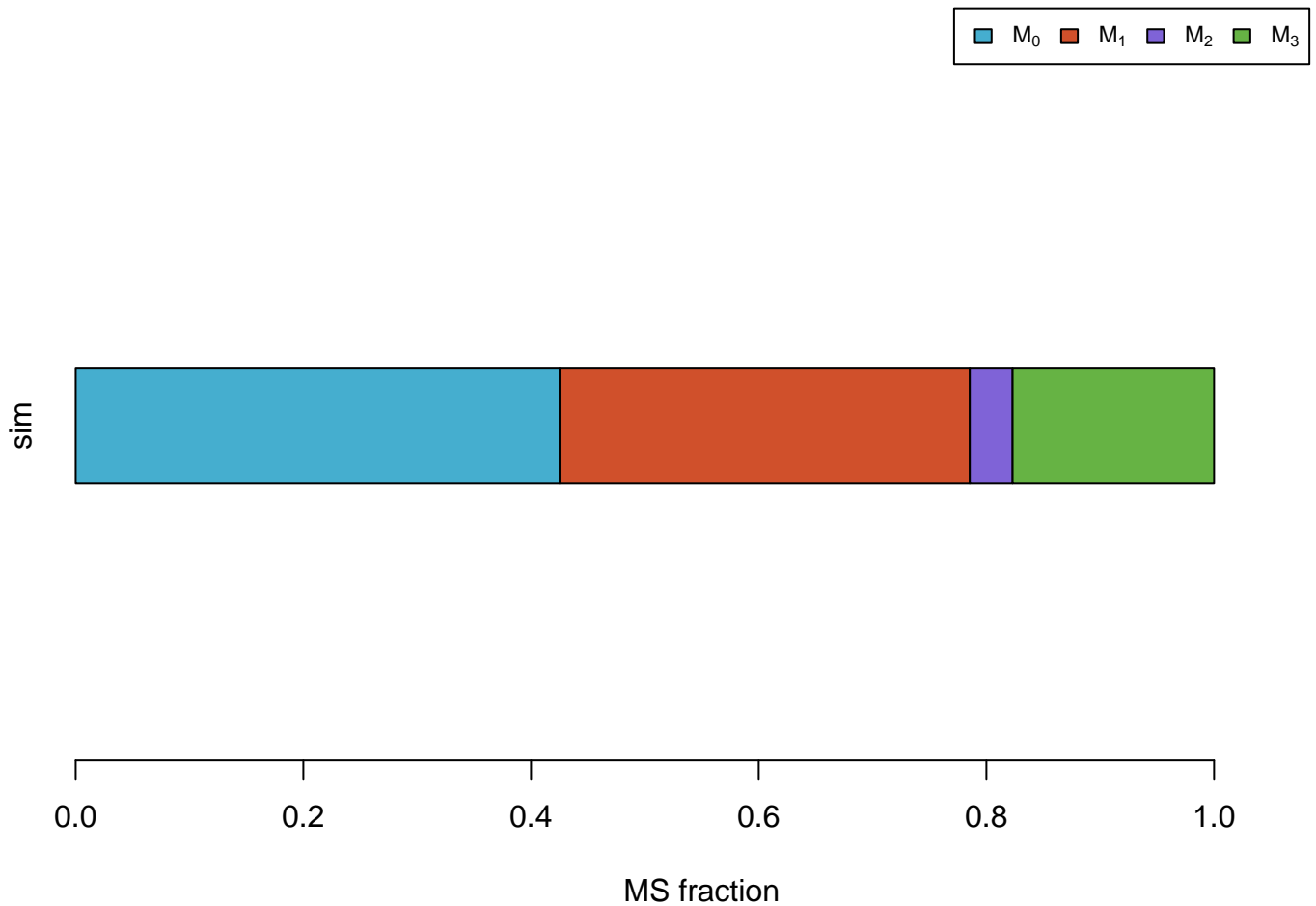
MS fraction

# BM\_OAA

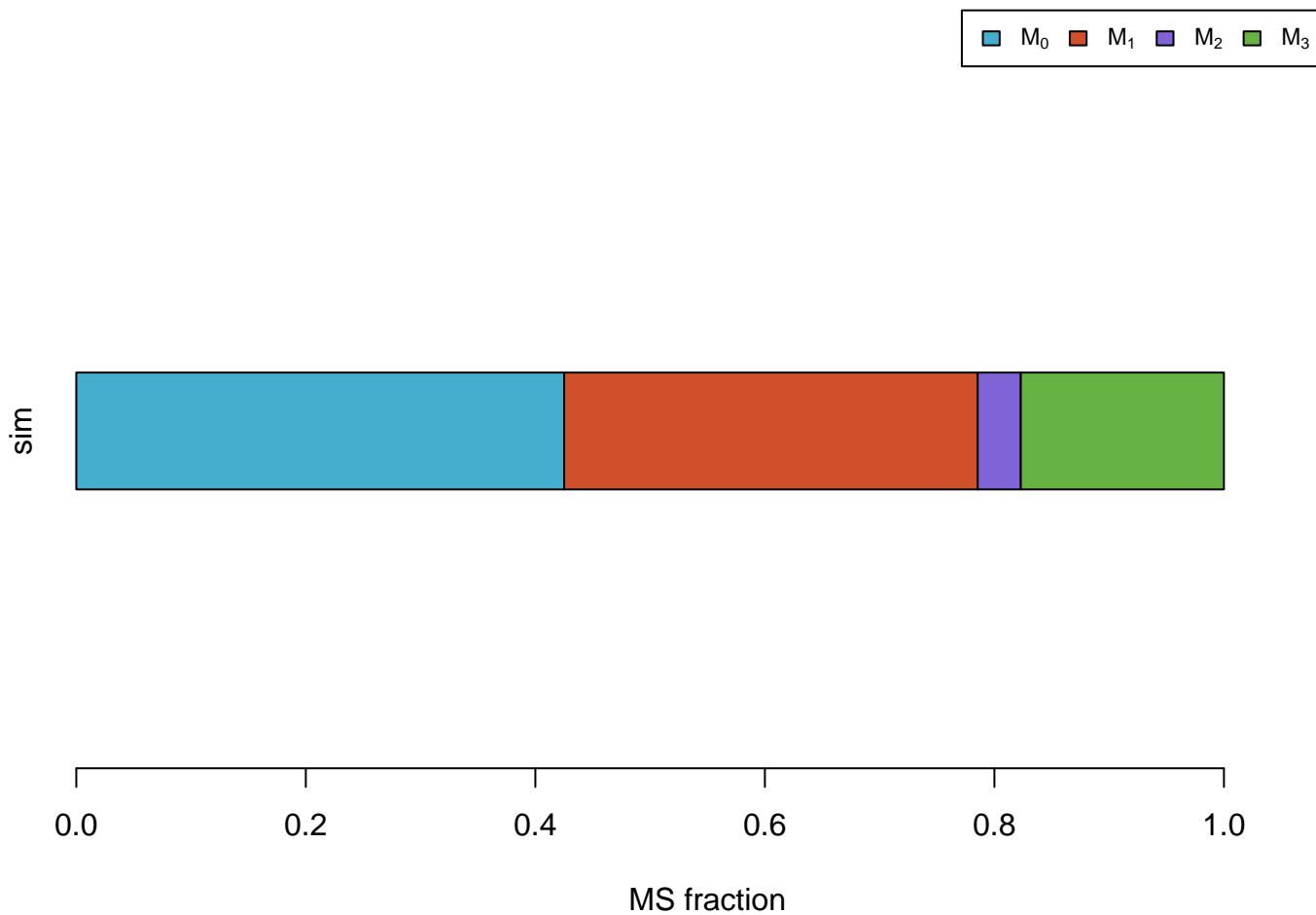


MS fraction

# BM\_PEP



# BM\_PGA



# BM\_Pyr



sim



0.0

0.2

0.4

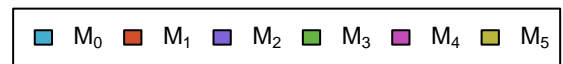
0.6

0.8

1.0

MS fraction

# BM\_Rib5P



sim



0.0

0.2

0.4

0.6

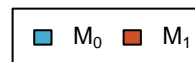
0.8

1.0

MS fraction



CO2



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction

# Cys



MS fraction

# Ery4P



sim



MS fraction

# FTHF



sim



MS fraction

# GA3P

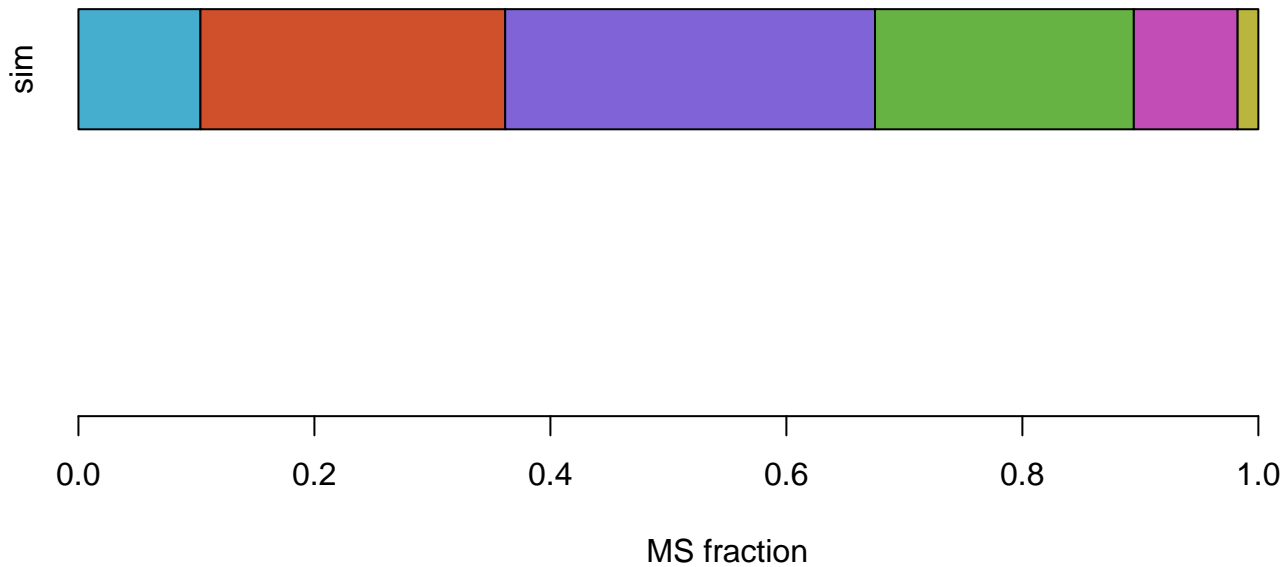
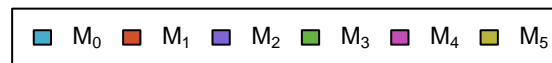


sim



MS fraction

# Glu



# Gly



sim



MS fraction

# Mal



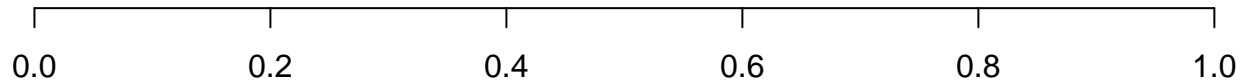
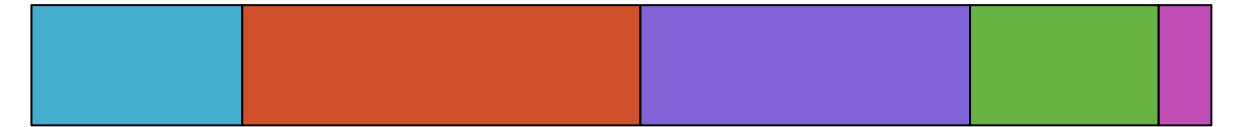
MS fraction



# OAA



sim



MS fraction

# Pyr



MS fraction

Ser



sim

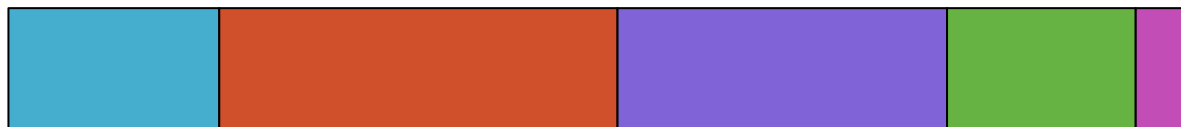


MS fraction

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

