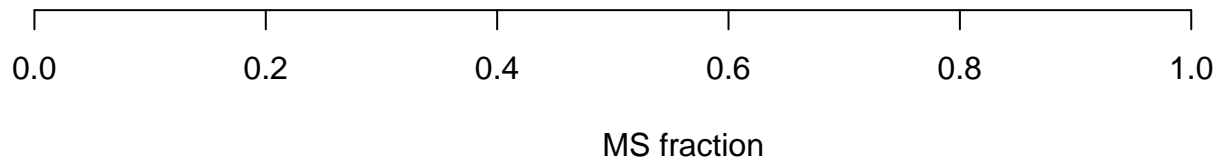


MS measurements
(error bars= $\pm 2 \cdot \text{dev}$)

Fru6P

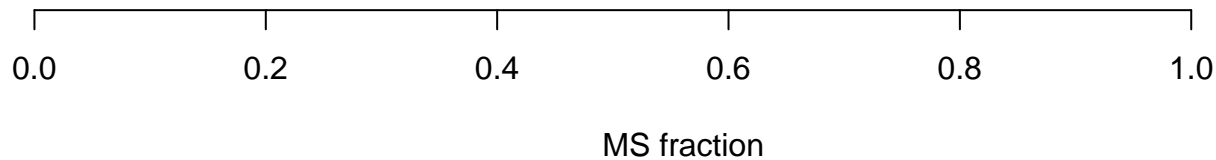


FruBP

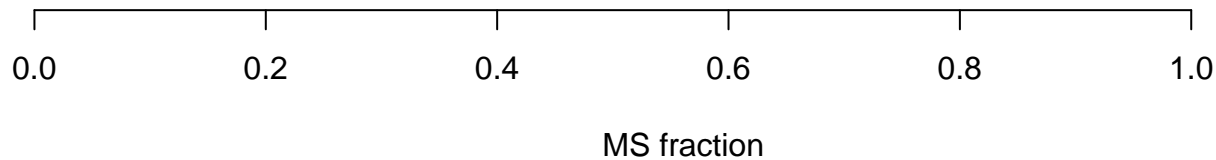


MS fraction

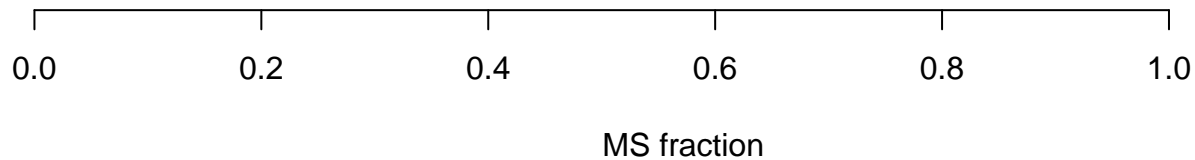
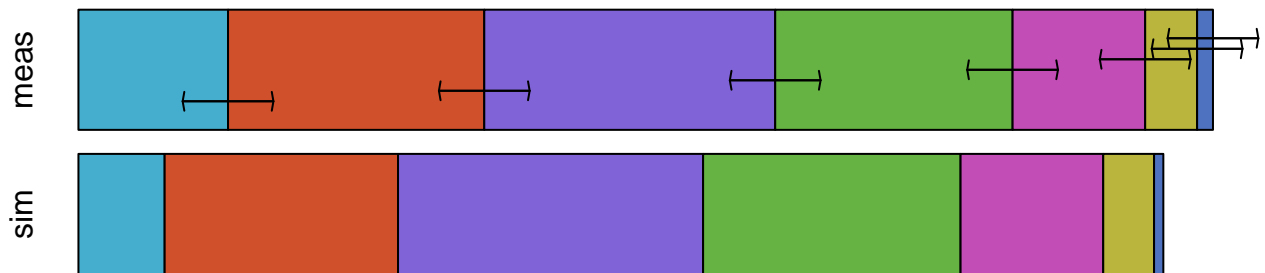
Glc6P



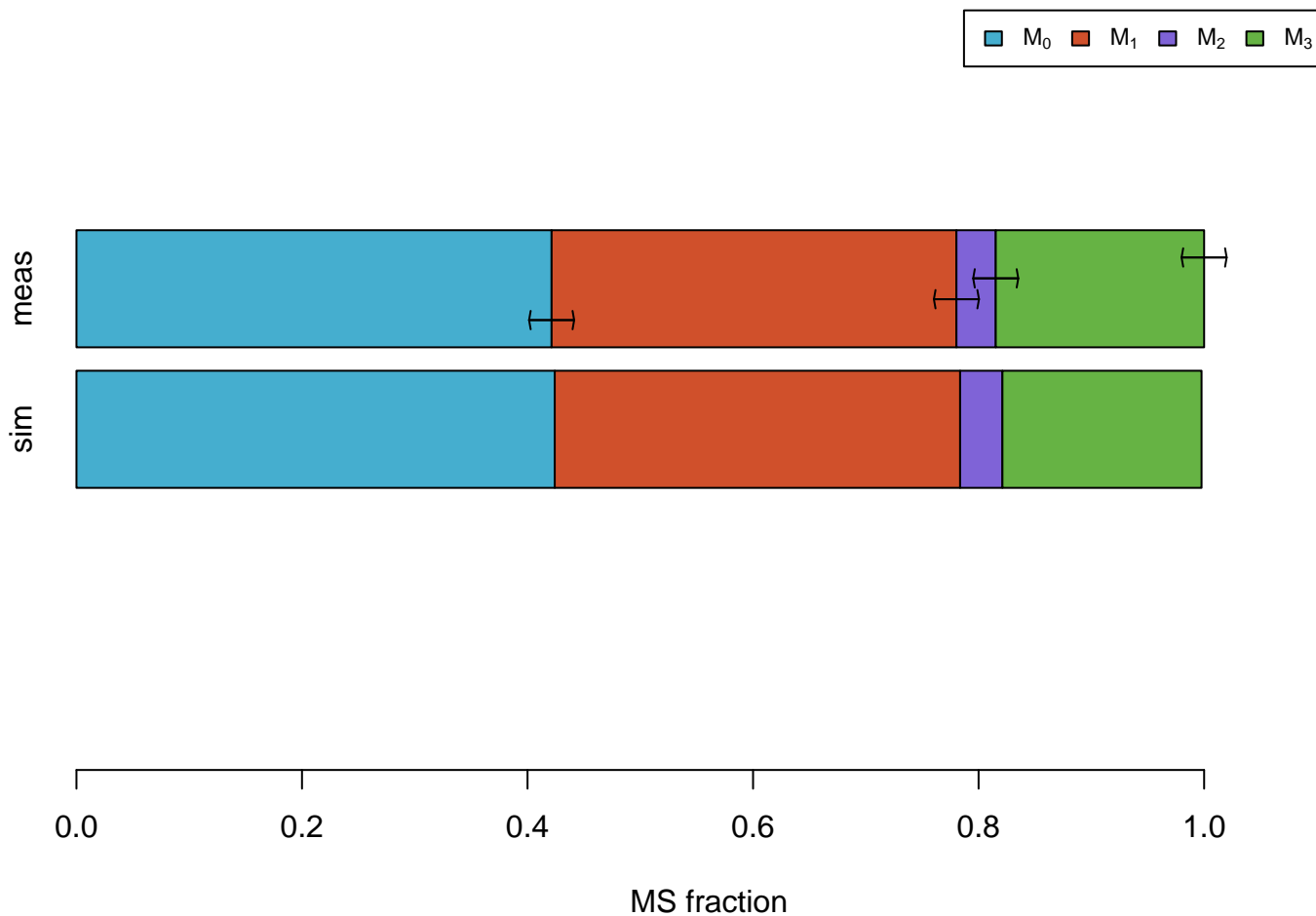
Gnt6P



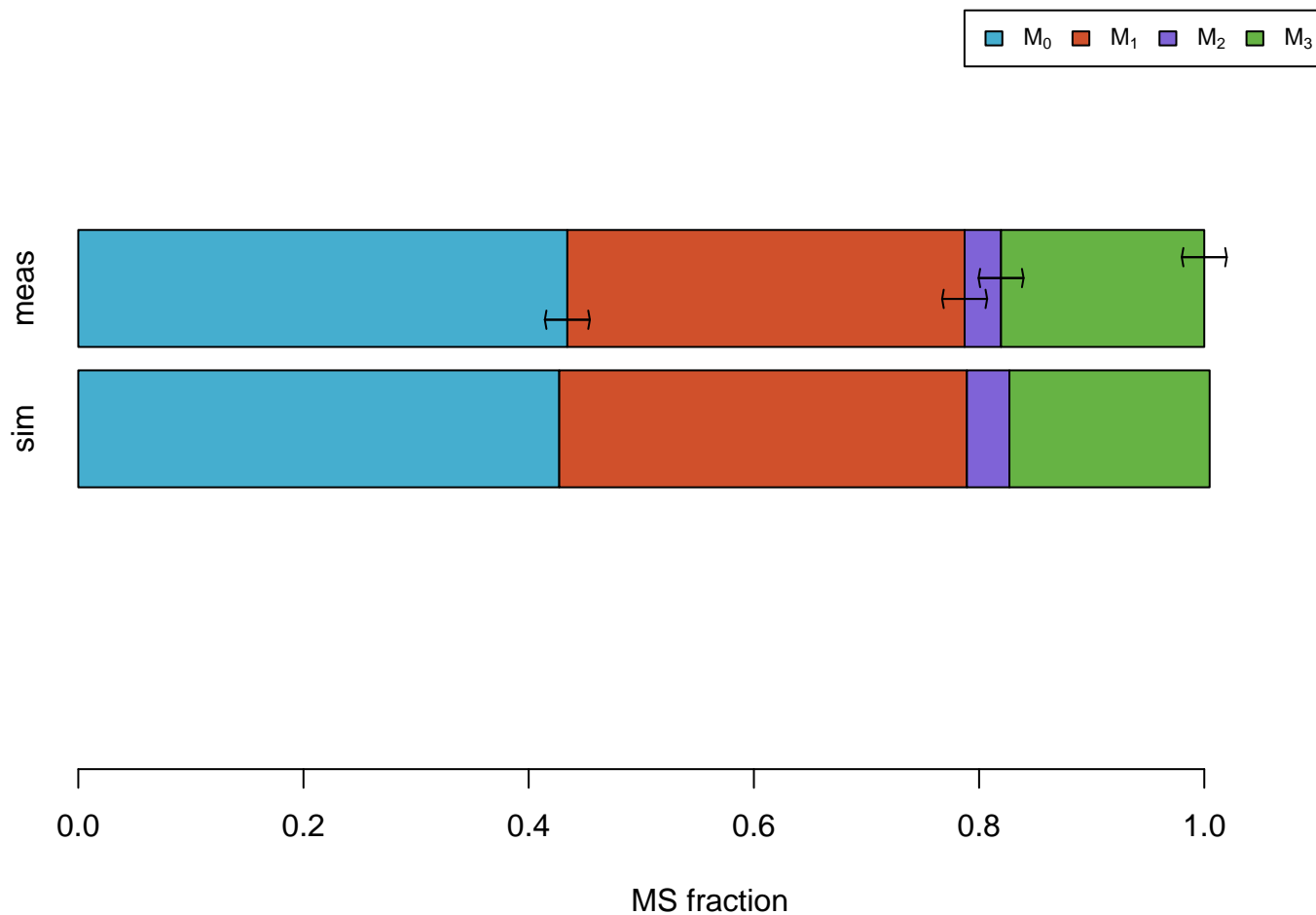
ICit



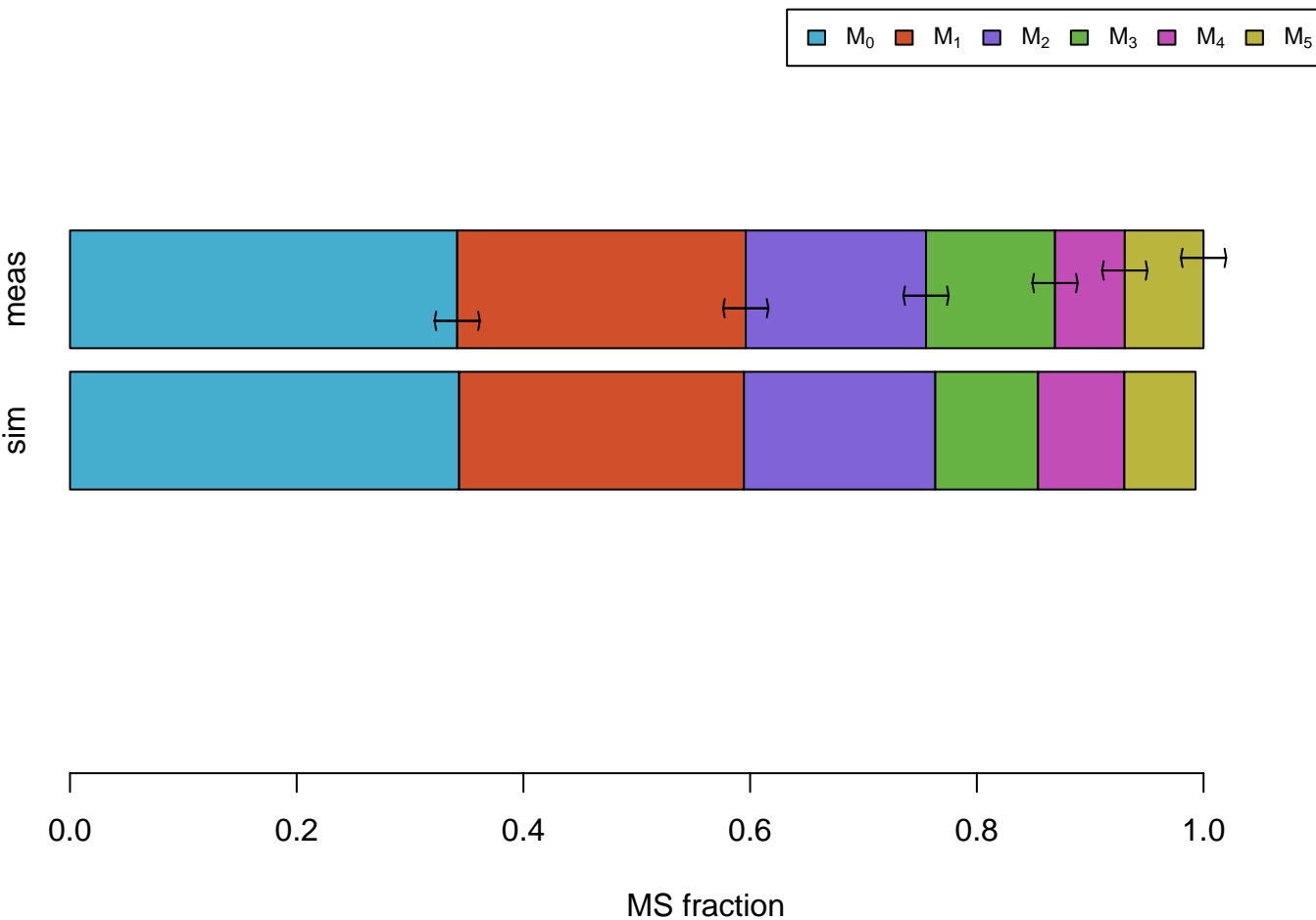
PEP



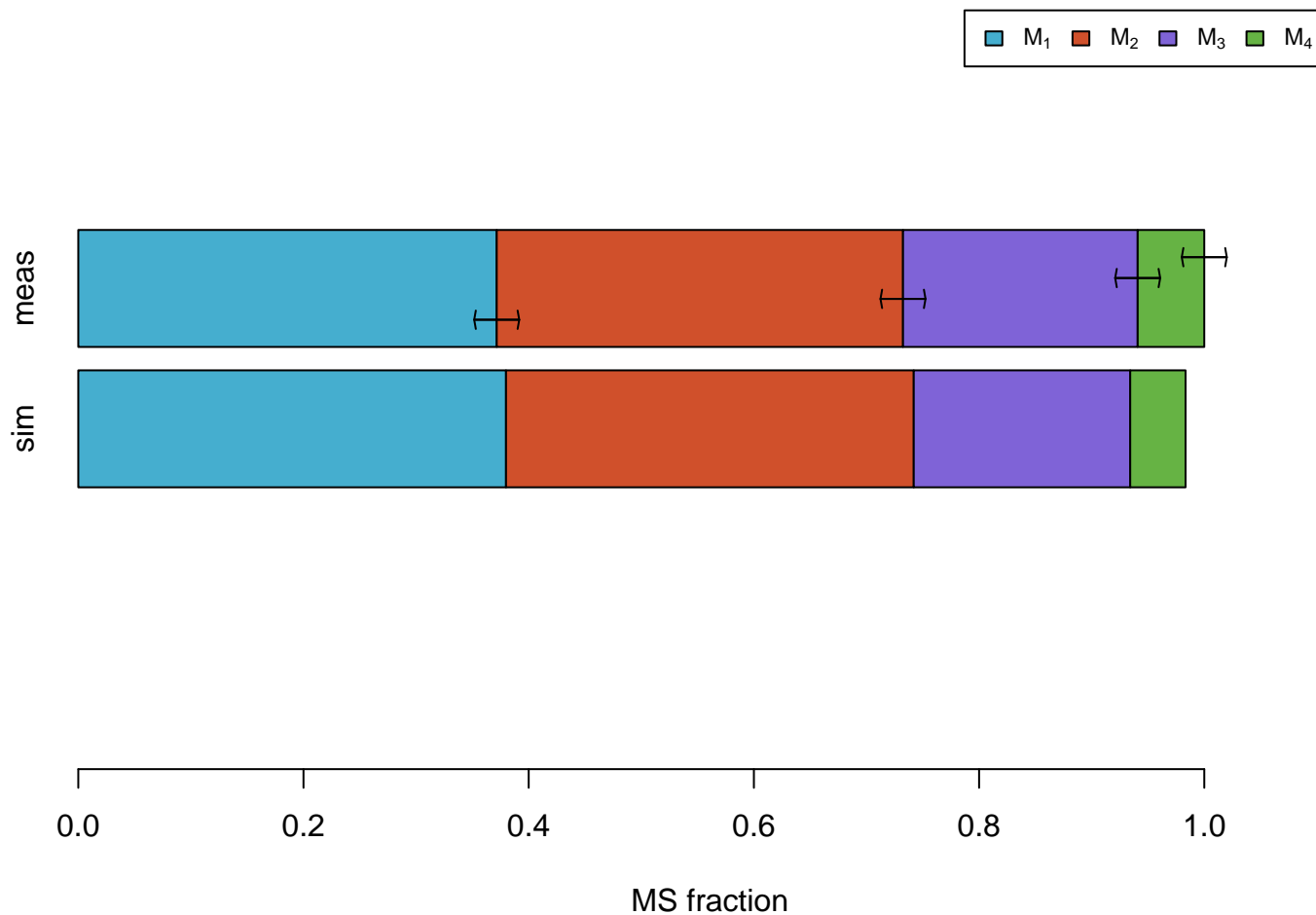
PGA



Rib5P

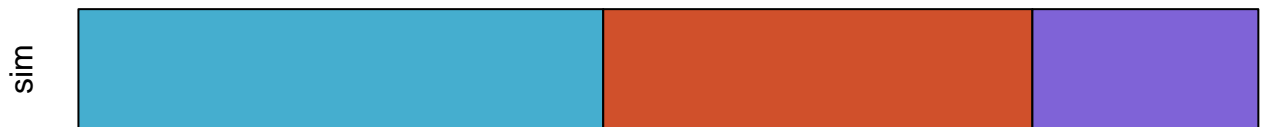


Suc



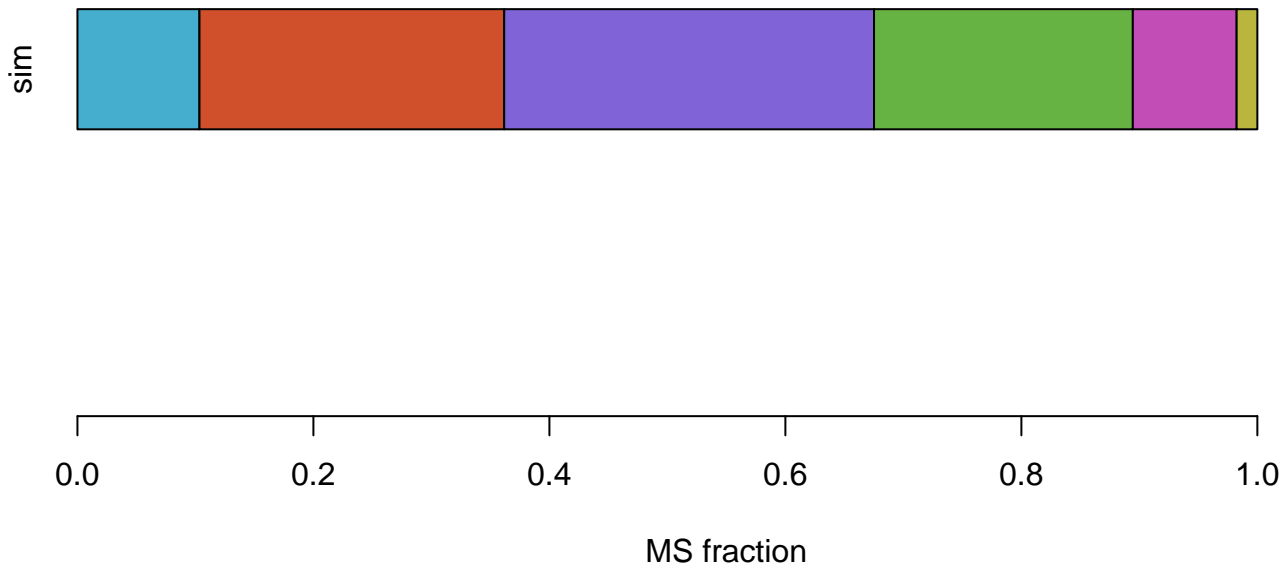
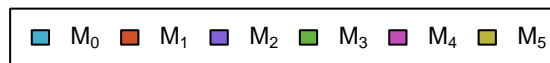
MS simulations

AcCoA



MS fraction

AKG



Ala



MS fraction

Asn



sim



MS fraction

Asp

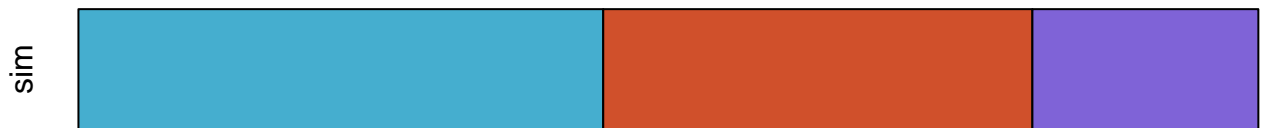


sim



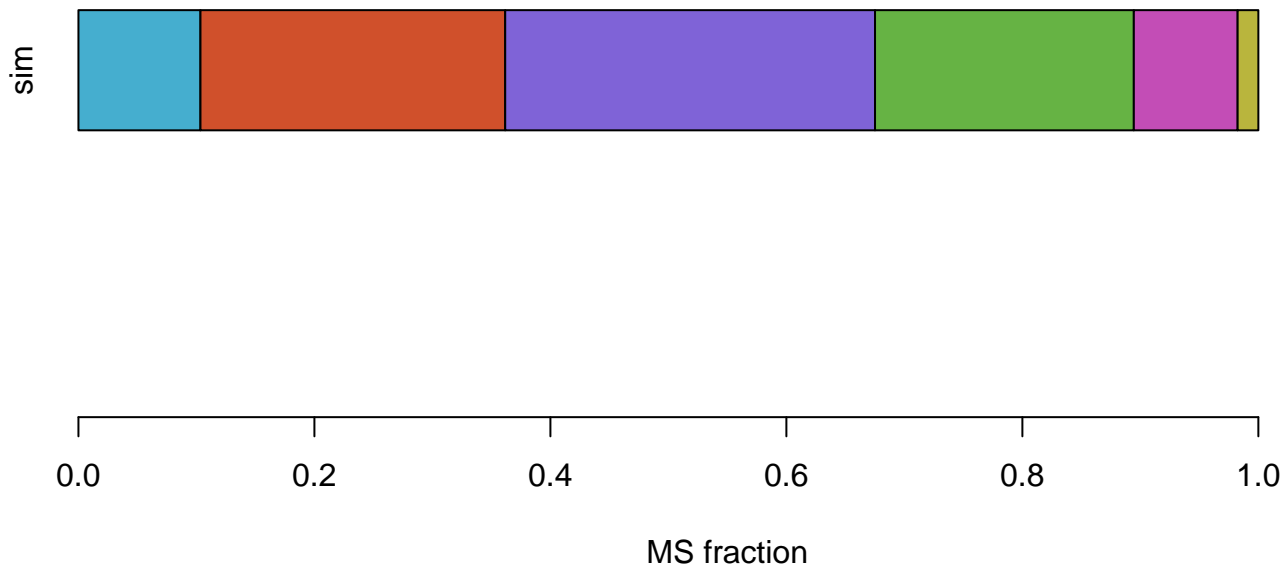
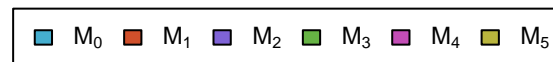
MS fraction

BM_AcCoA



MS fraction

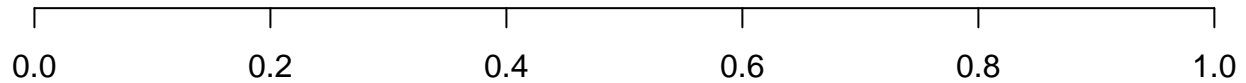
BM_AKG



BM_Ery4P

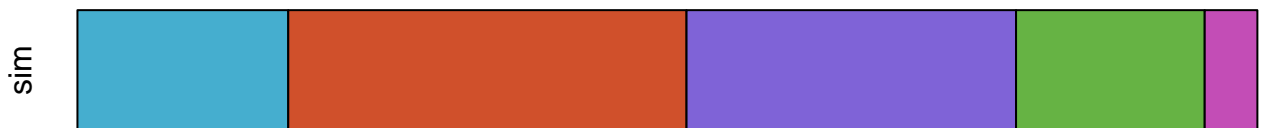


sim



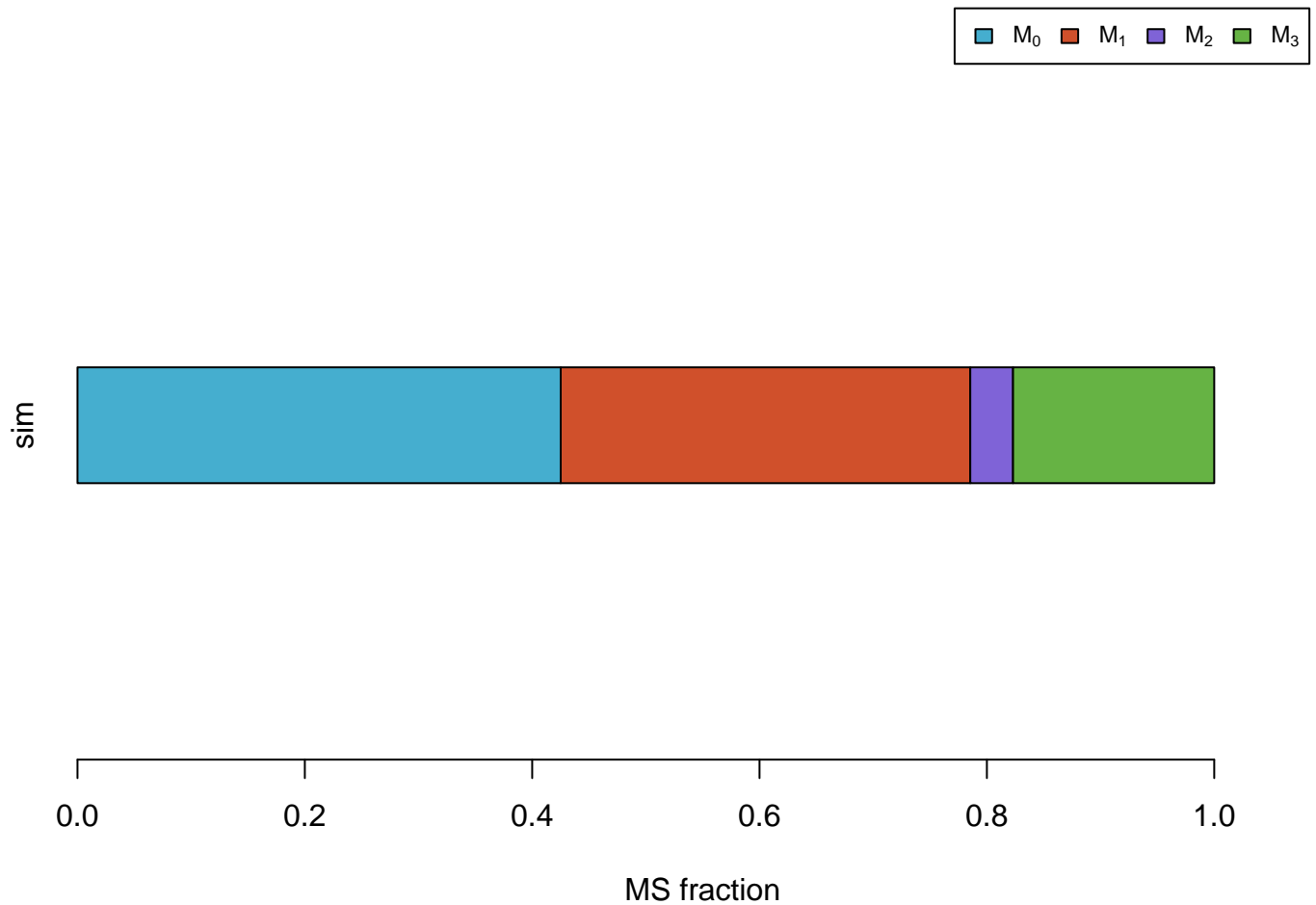
MS fraction

BM_OAA



MS fraction

BM_PEP



BM_PGA



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction

BM_Pyr



sim



0.0

0.2

0.4

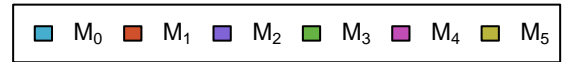
0.6

0.8

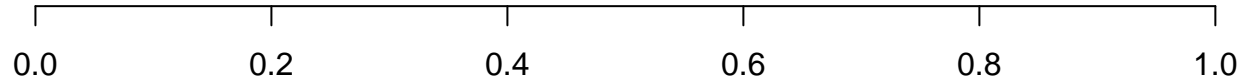
1.0

MS fraction

BM_Rib5P

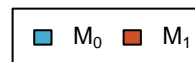


sim



MS fraction

CO2



sim



0.0

0.2

0.4

0.6

0.8

1.0

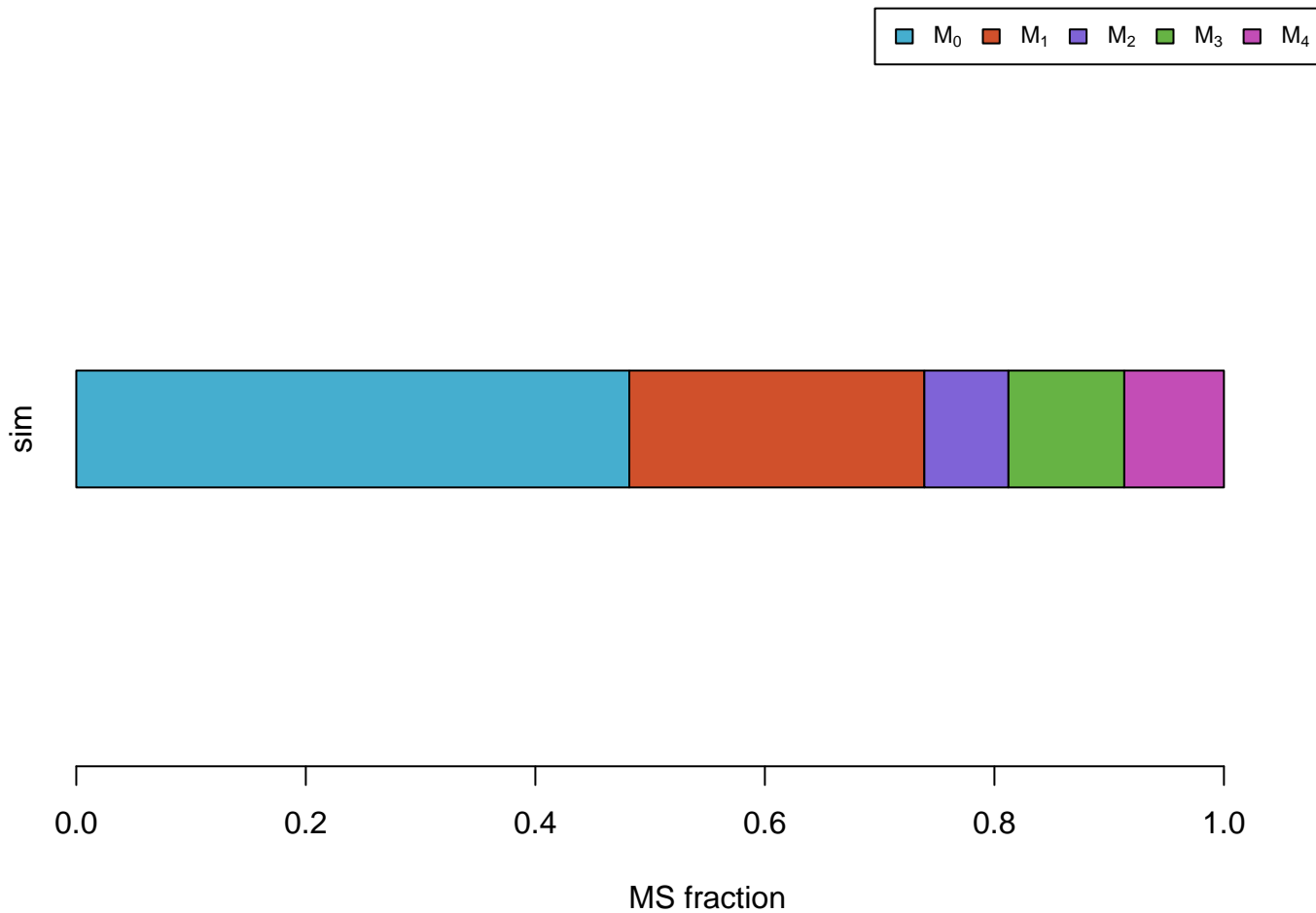
MS fraction

Cys



MS fraction

Ery4P



FTHF



sim



MS fraction

GA3P

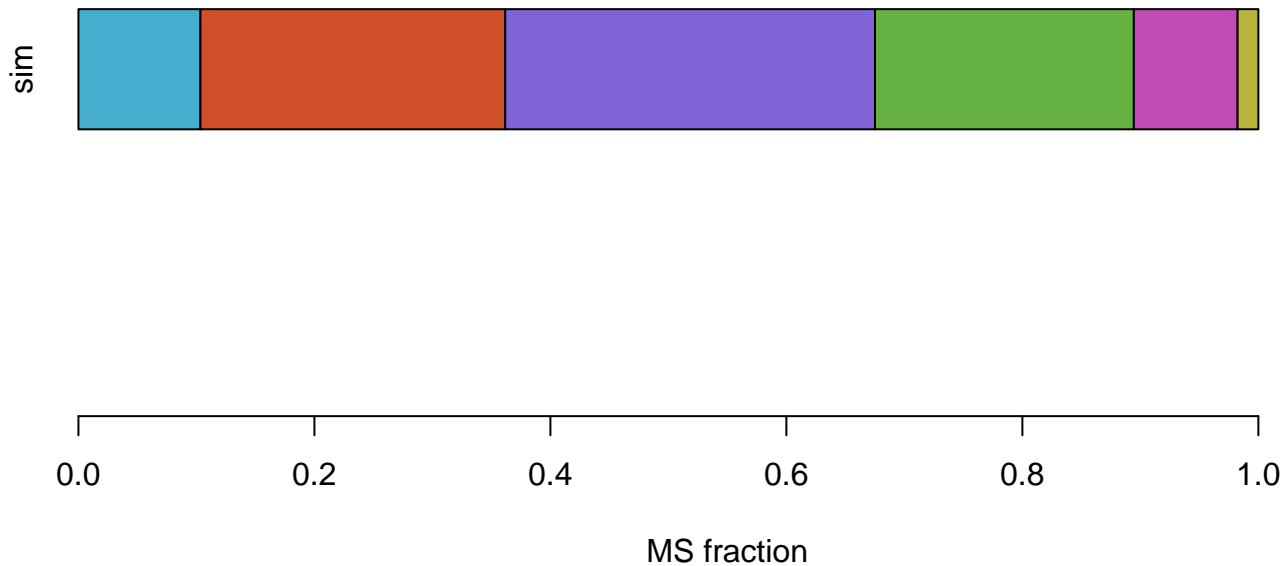
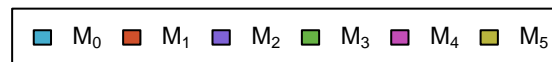


sim



MS fraction

Glu



Gly

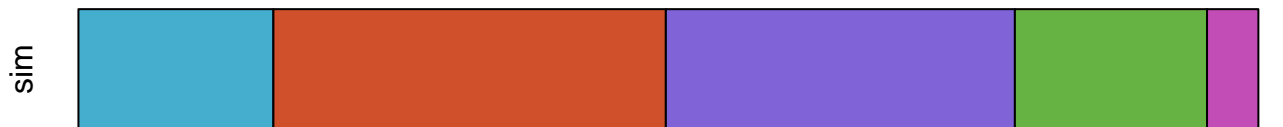


sim



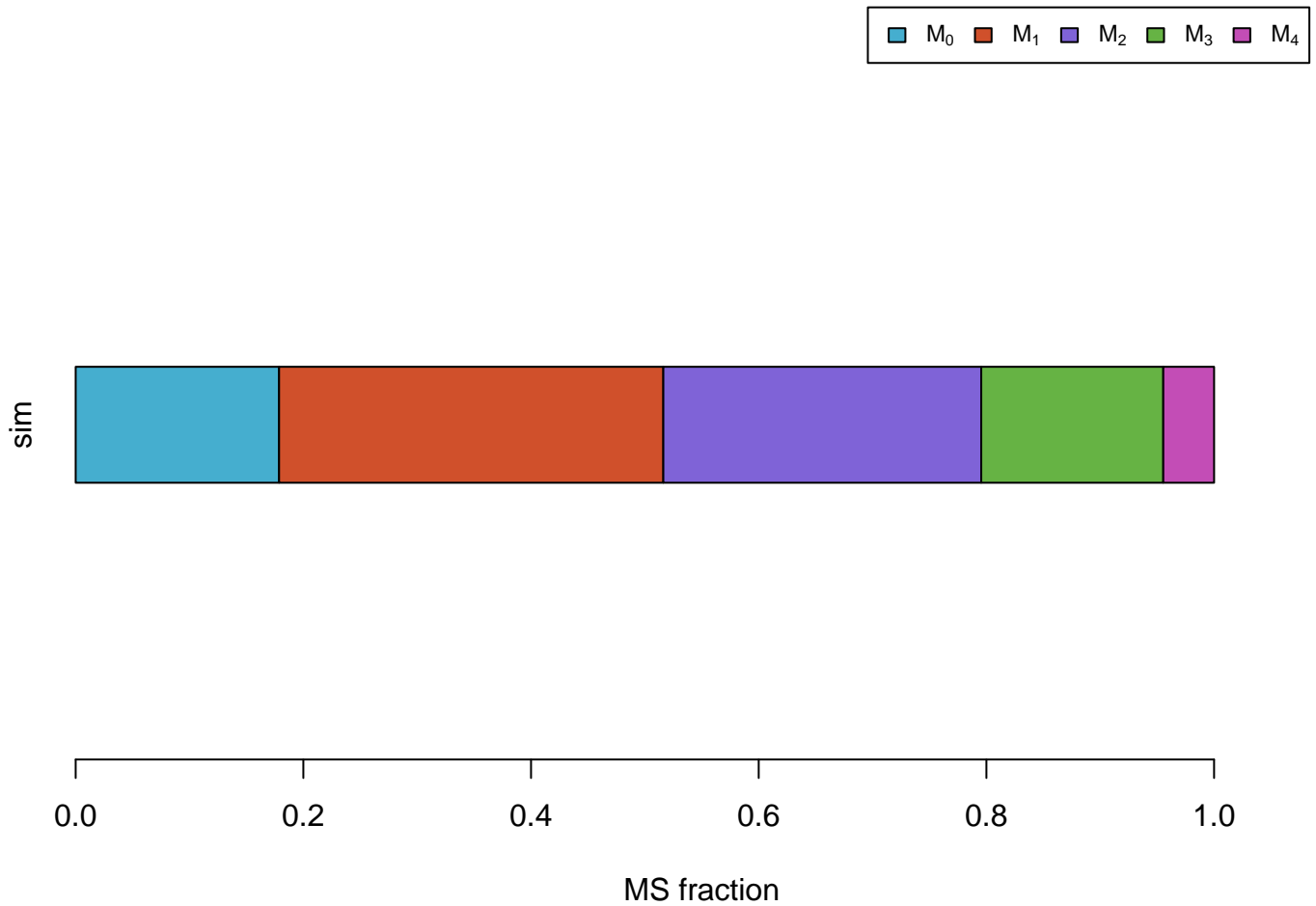
MS fraction

Mal



MS fraction

OAA



Pyr



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

