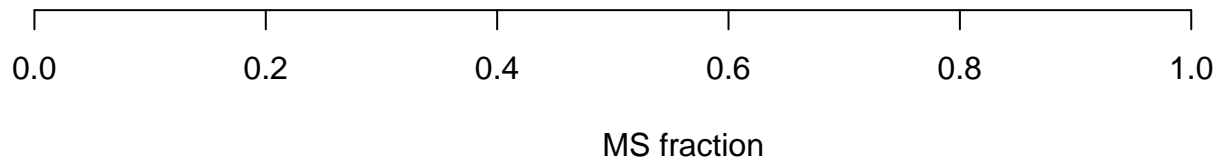
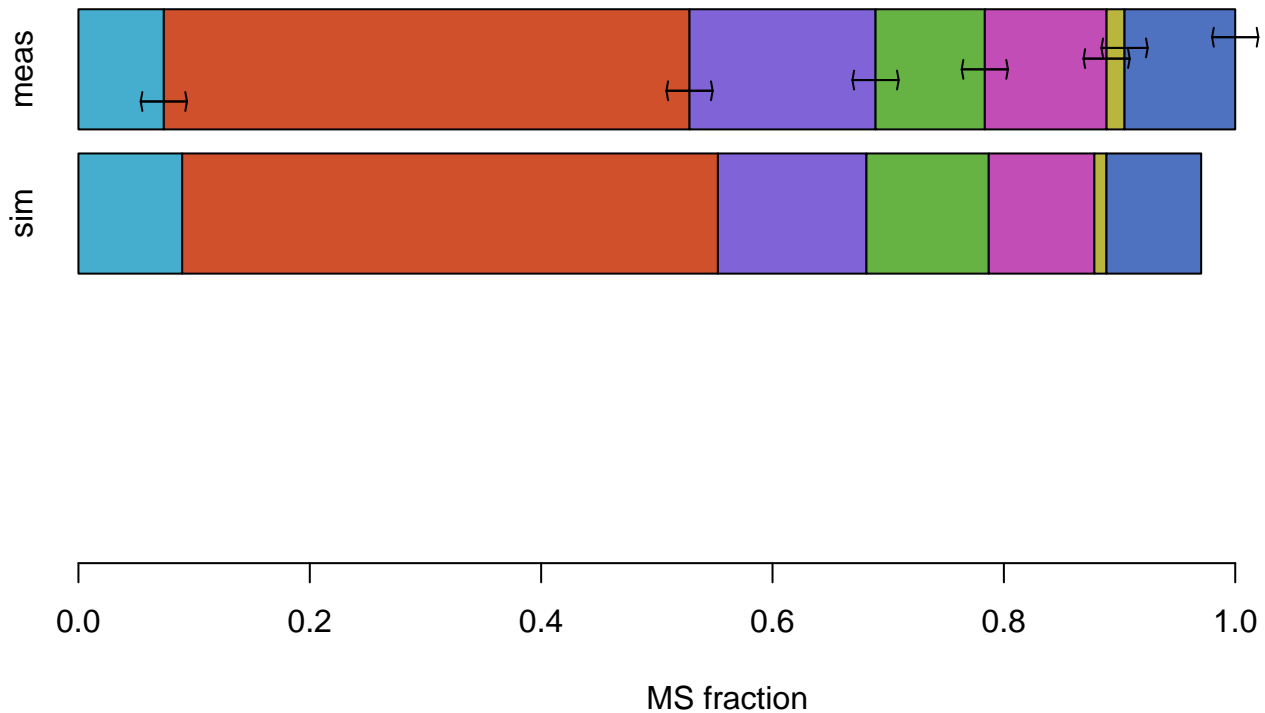


MS measurements
(error bars= $\pm 2 \cdot \text{dev}$)

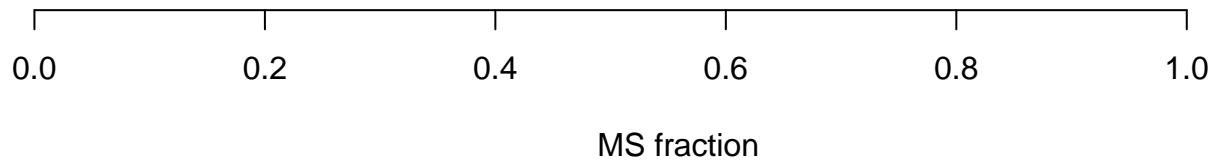
Fru6P



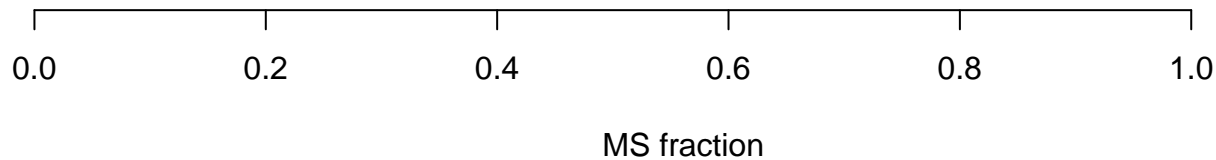
FruBP



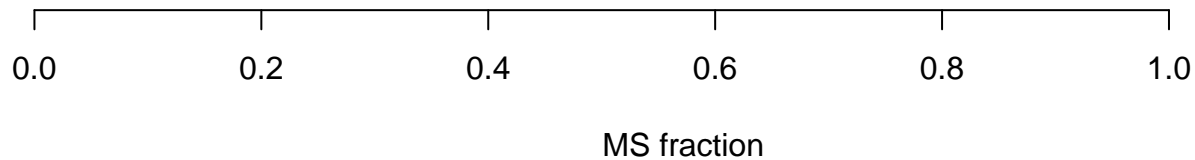
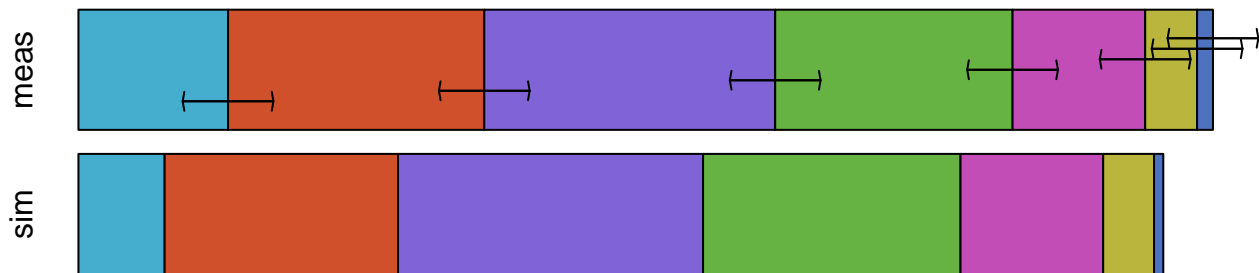
Glc6P



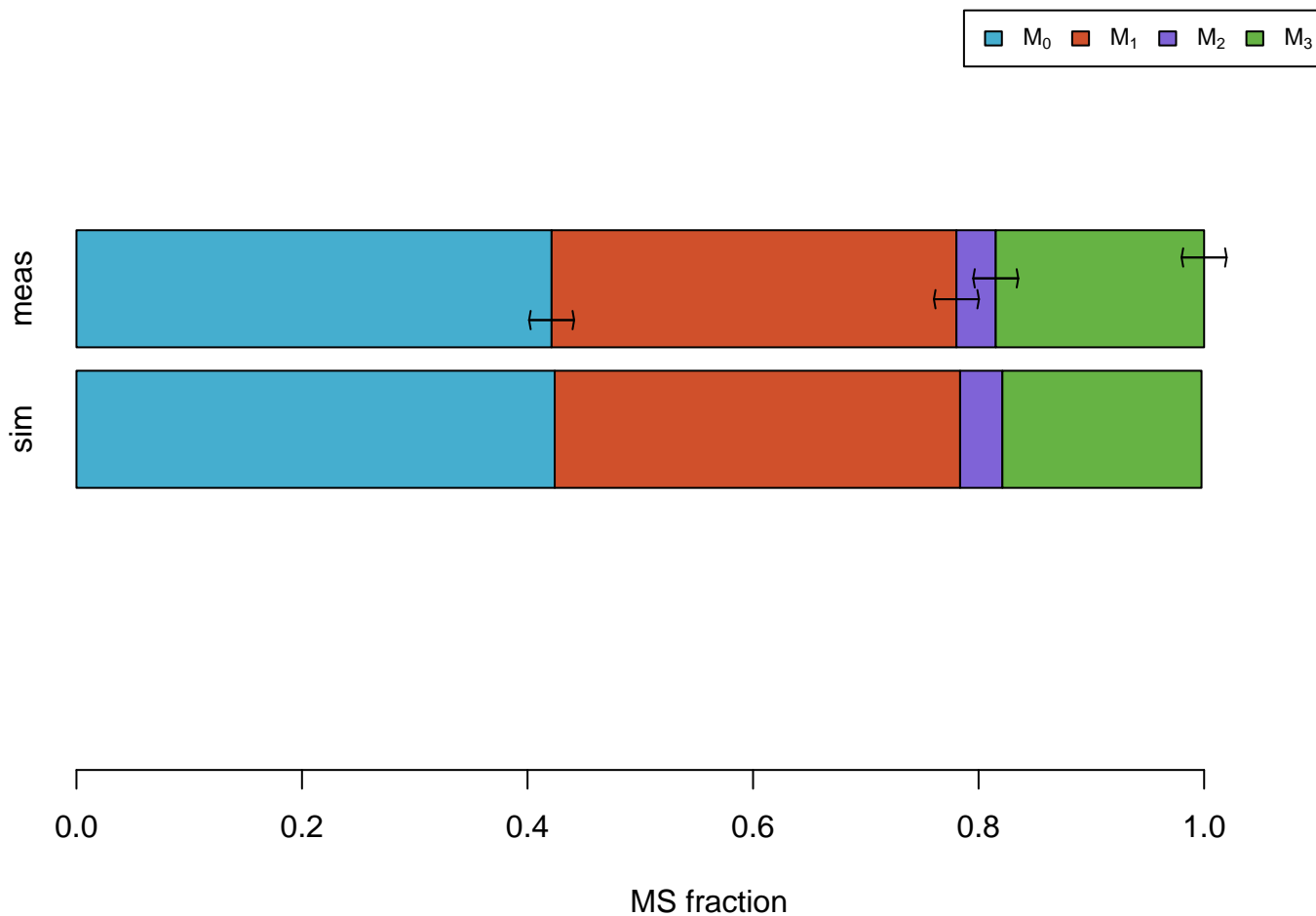
Gnt6P



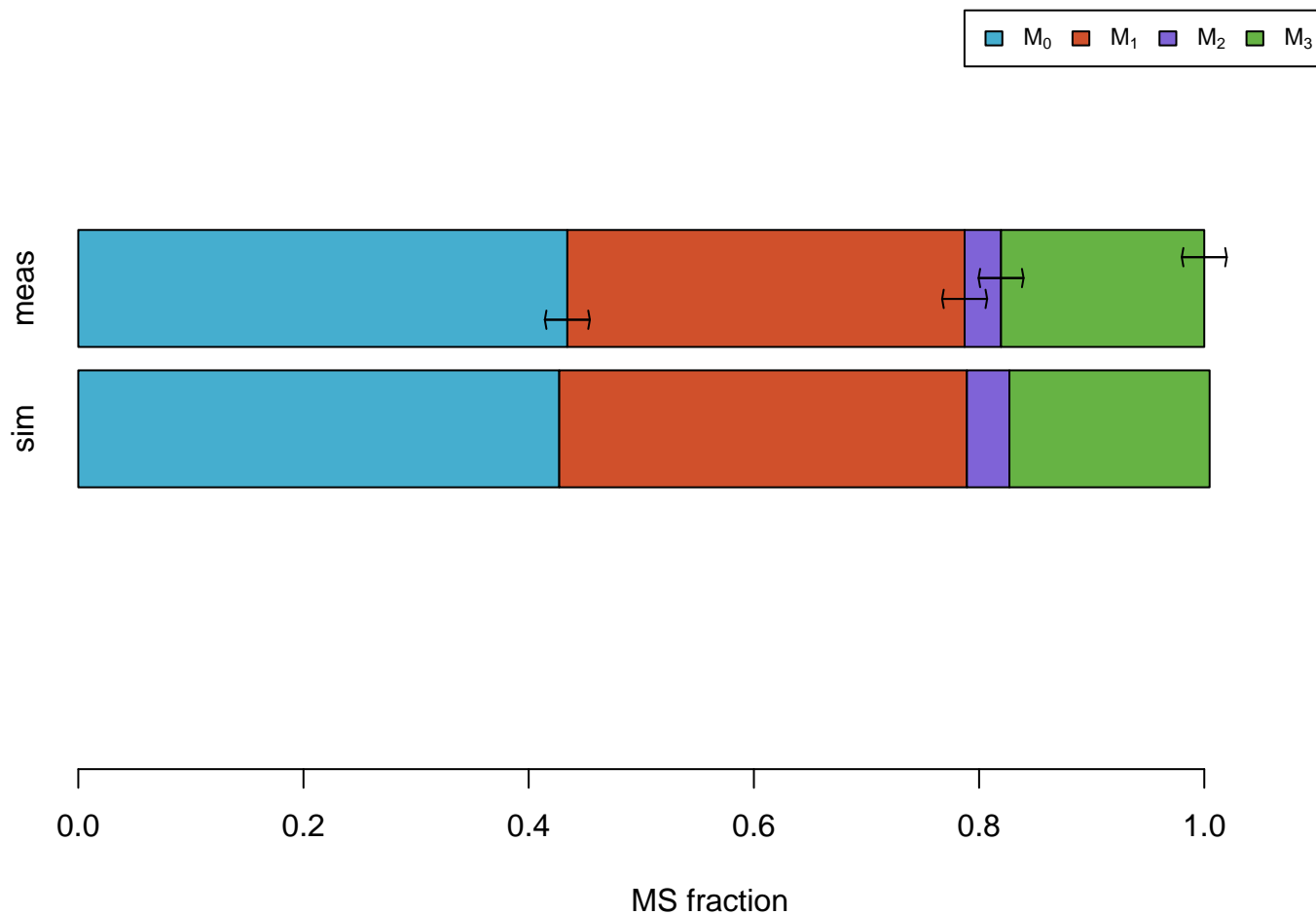
ICit



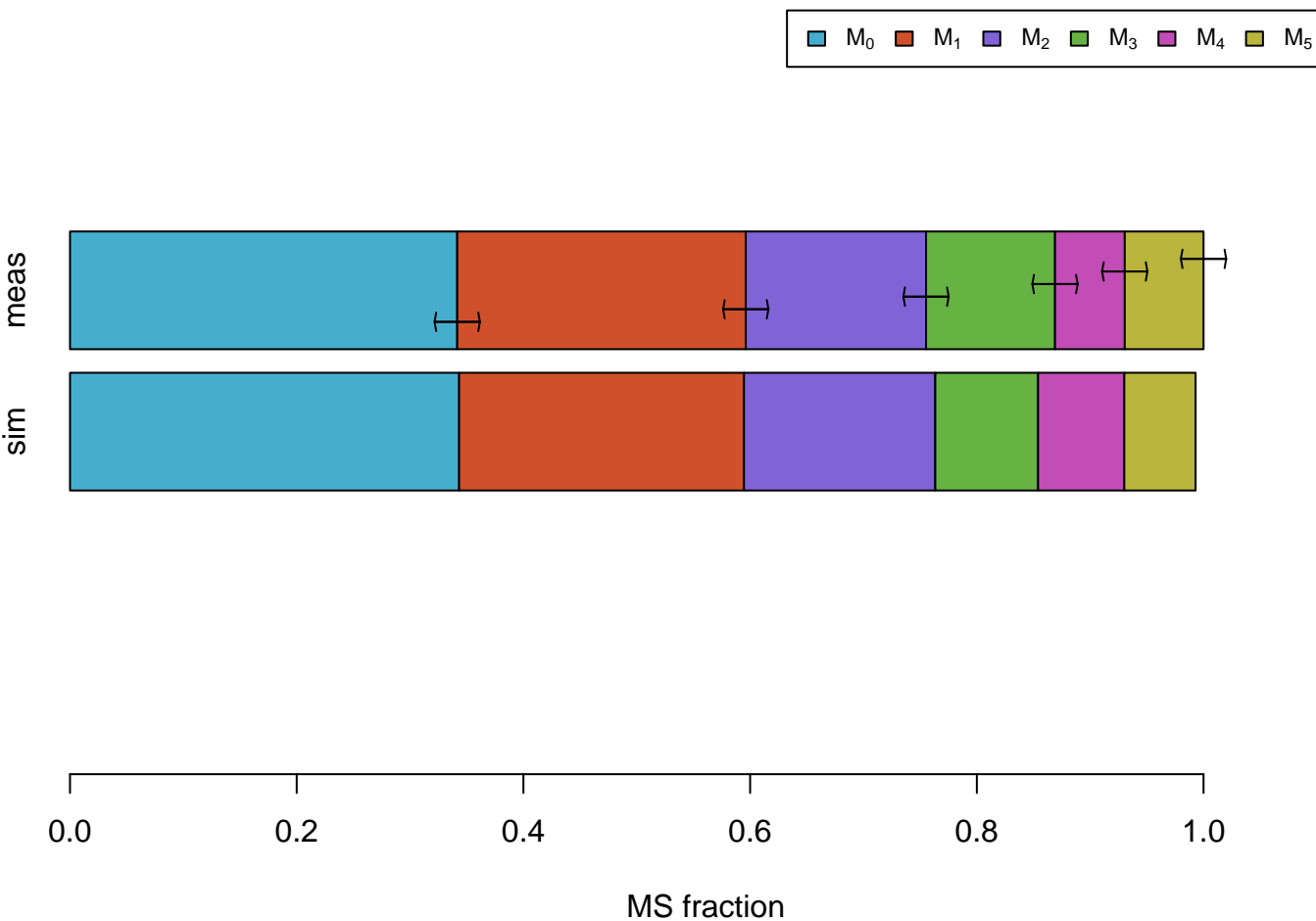
PEP



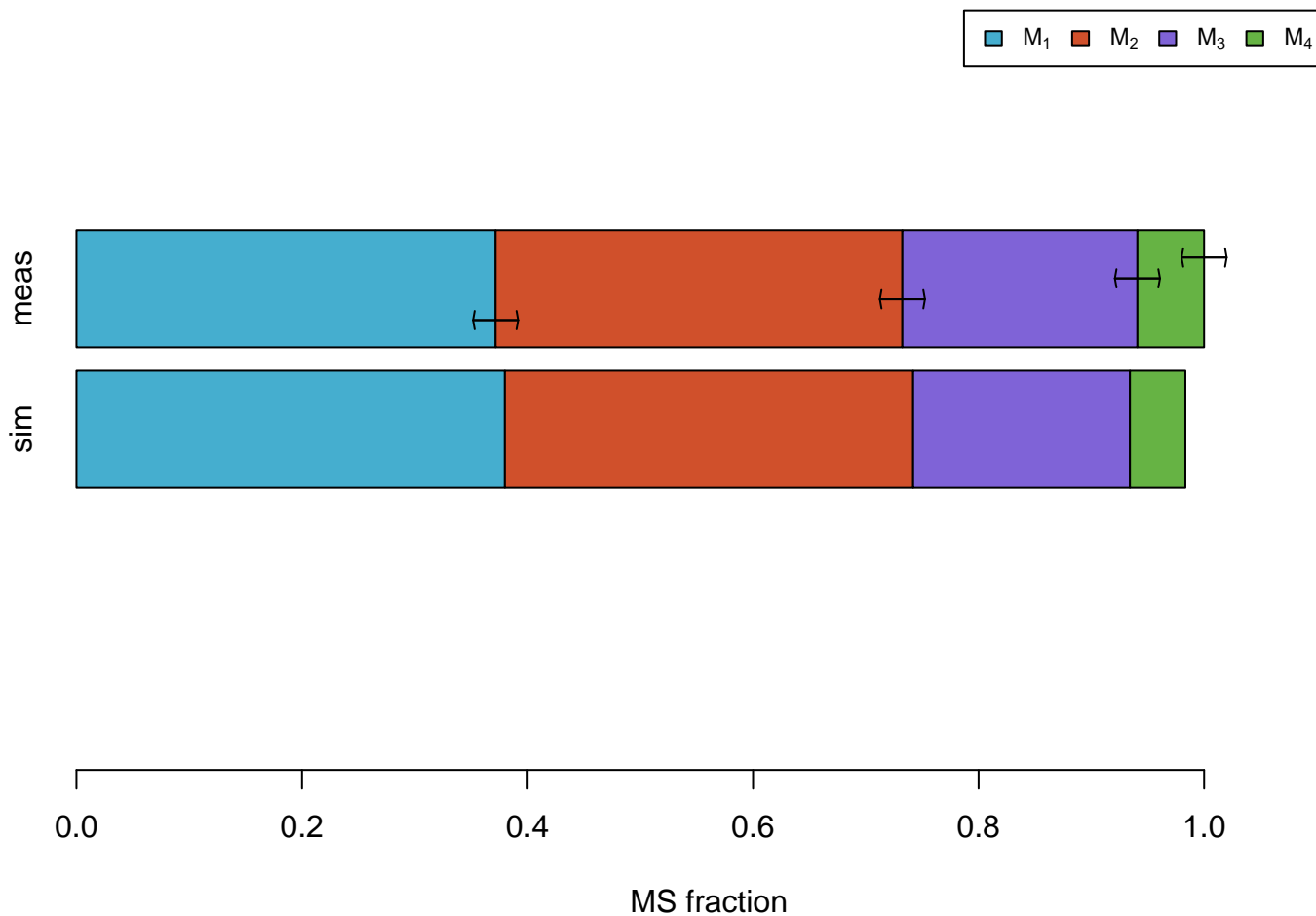
PGA



Rib5P



Suc

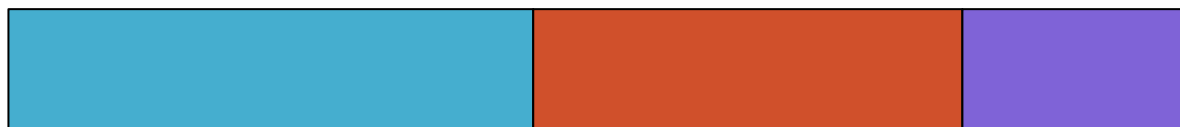


MS simulations

AcCoA

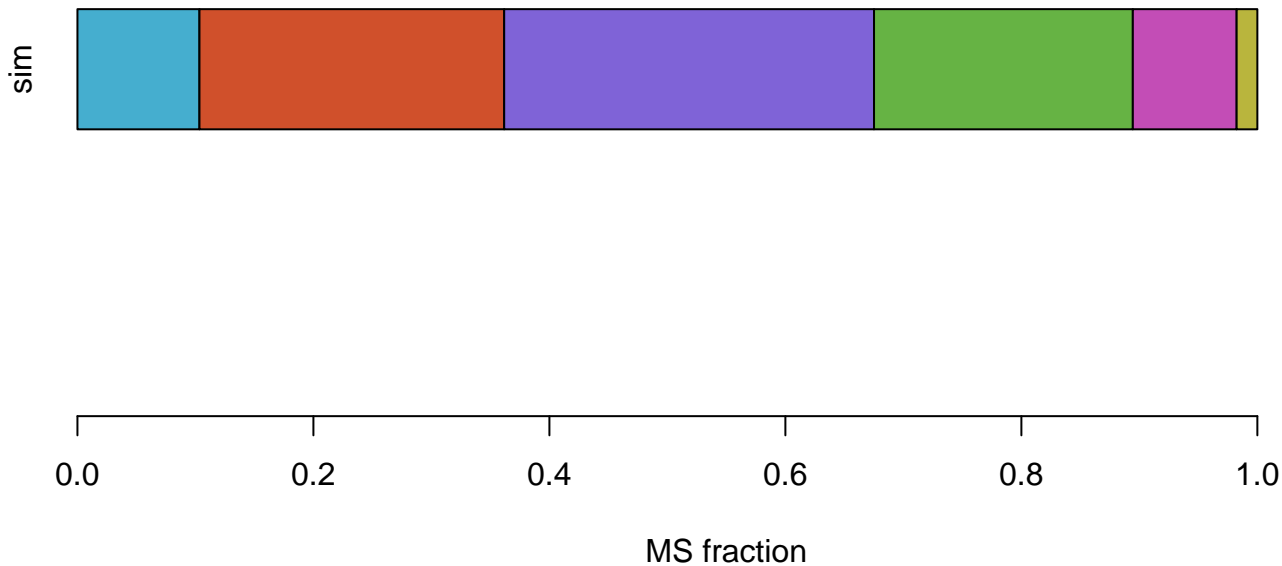
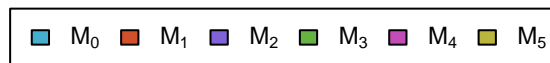


sim



MS fraction

AKG



Ala

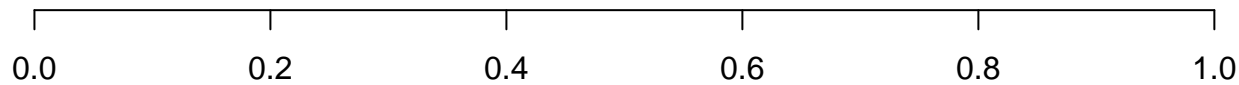


MS fraction

Asn

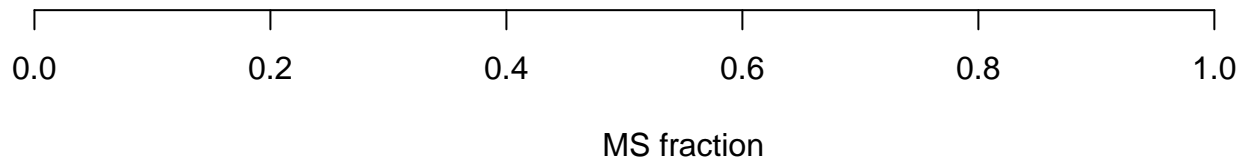


sim

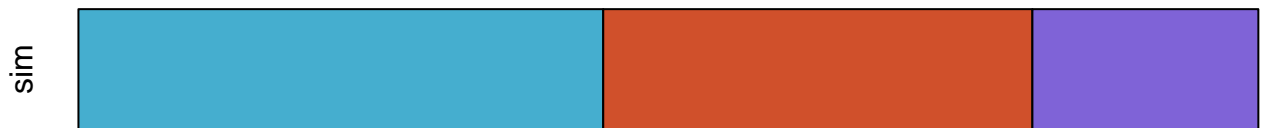


MS fraction

Asp

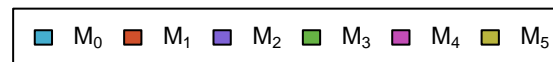


BM_AcCoA



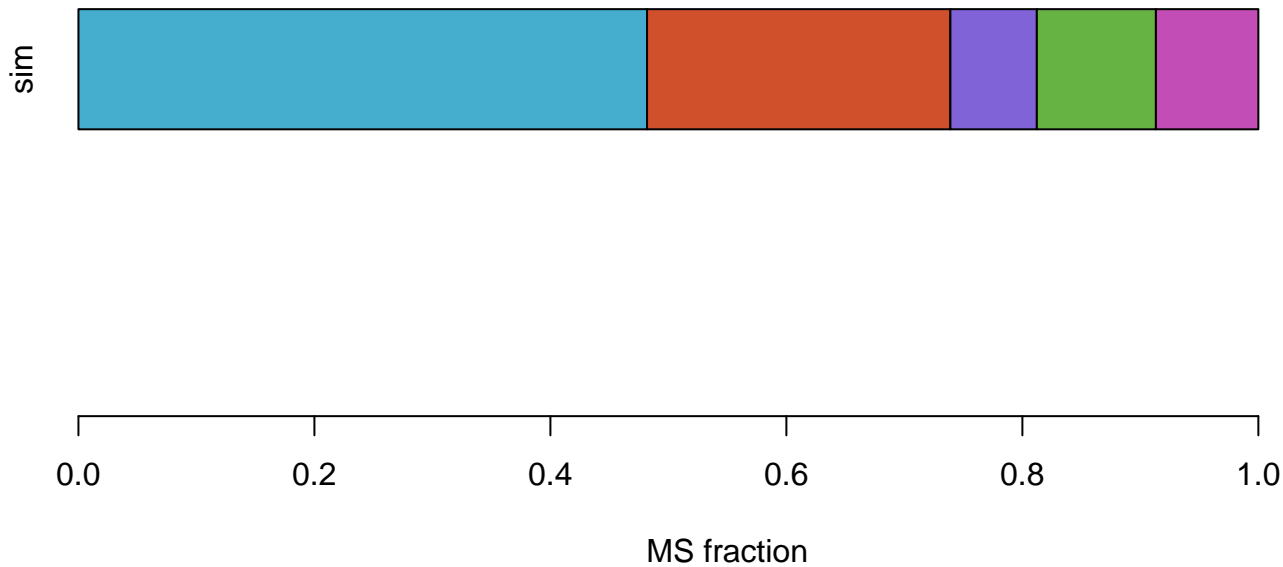
MS fraction

BM_AKG



MS fraction

BM_Ery4P

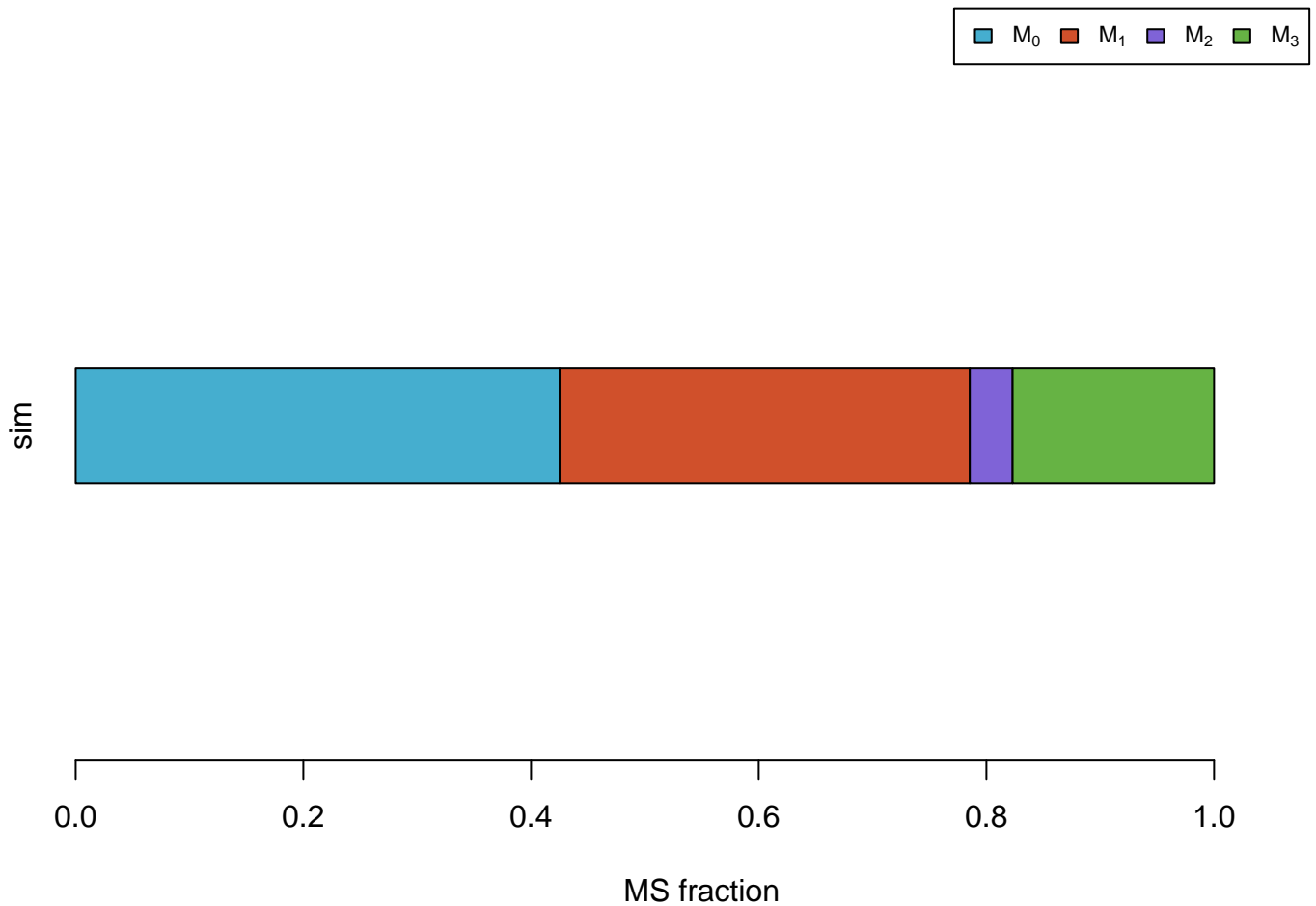


BM_OAA

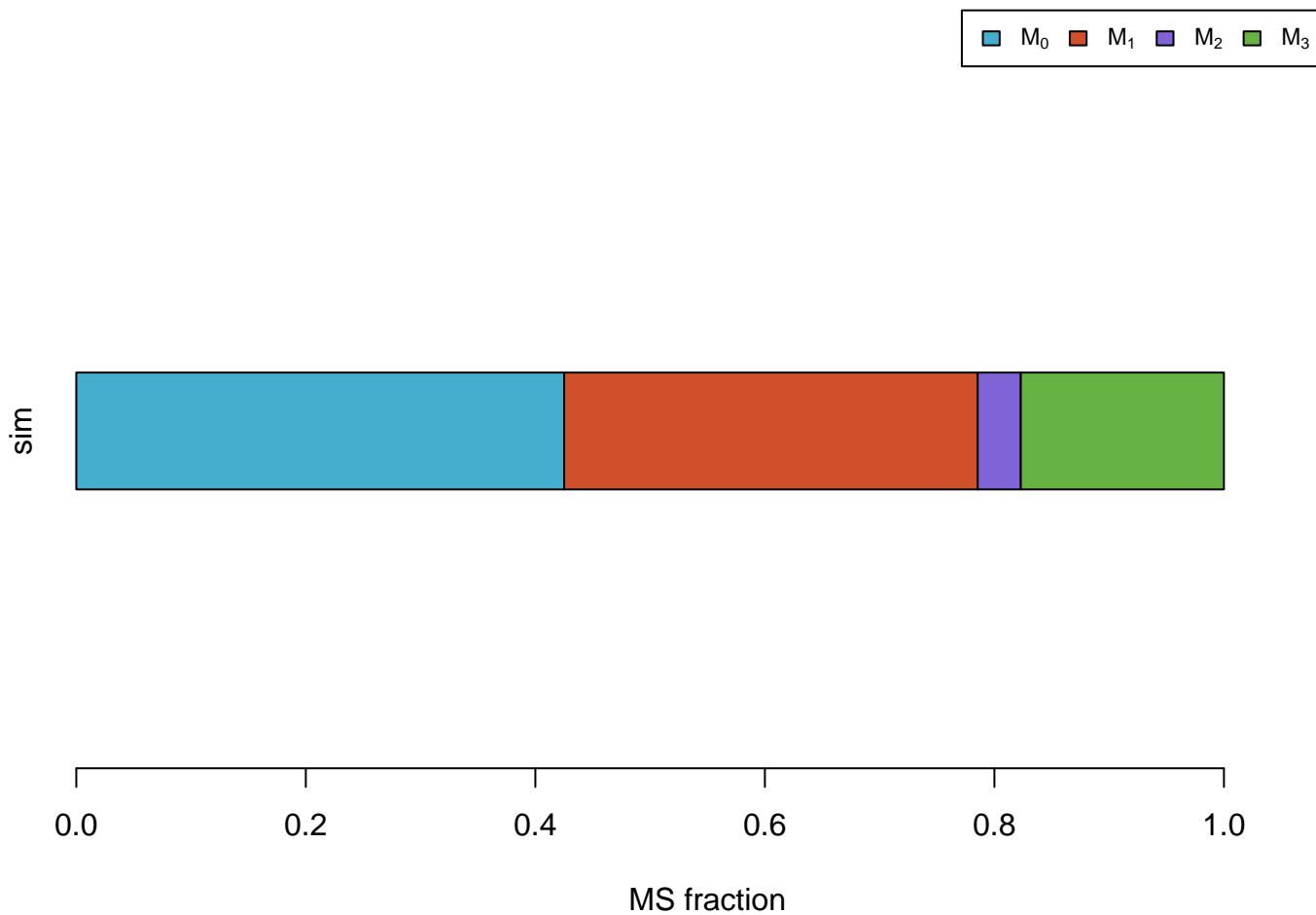


MS fraction

BM_PEP



BM_PGA



BM_Pyr

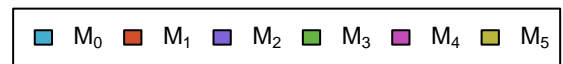


sim

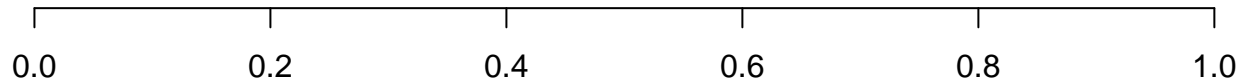


MS fraction

BM_Rib5P

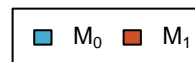


sim



MS fraction

CO2



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction

Cys



MS fraction

Ery4P



MS fraction

FTHF



sim



MS fraction

GA3P



sim



0.0

0.2

0.4

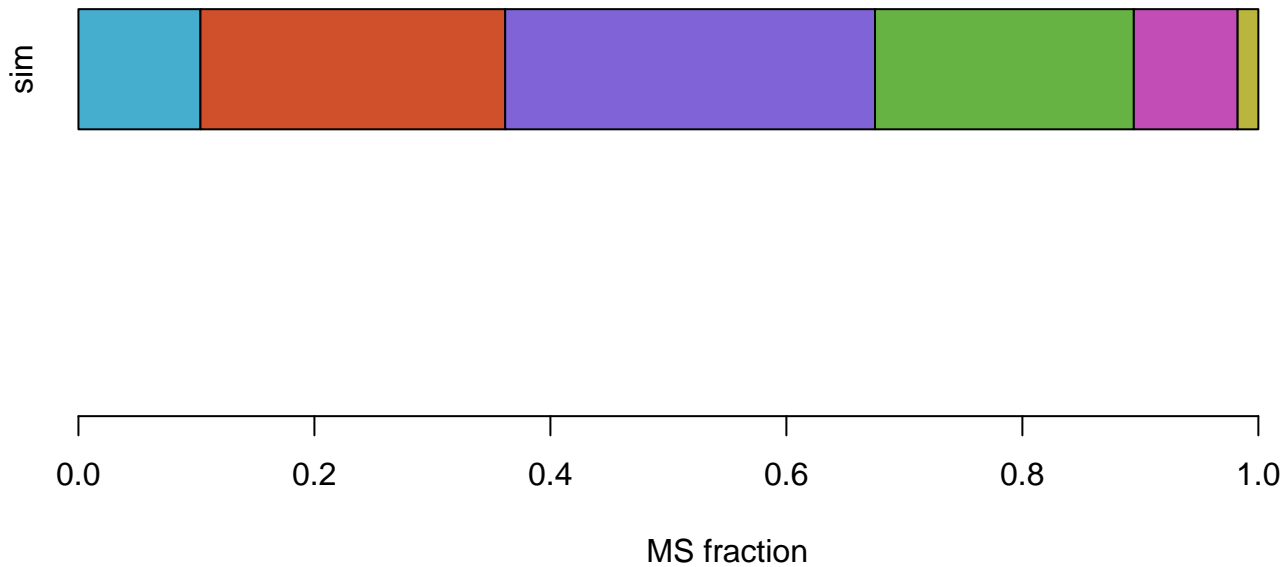
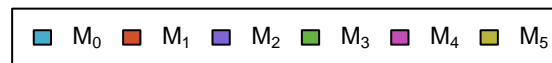
0.6

0.8

1.0

MS fraction

Glu



Gly

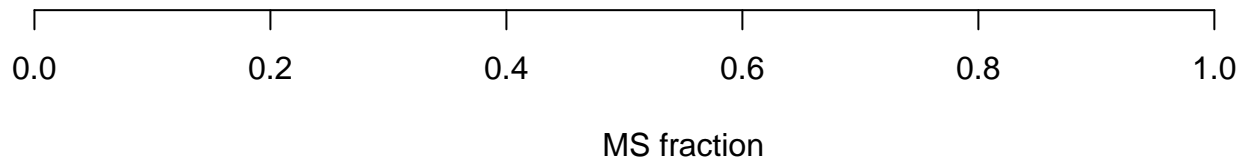
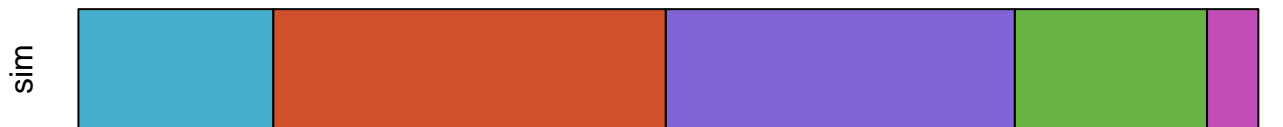


sim



MS fraction

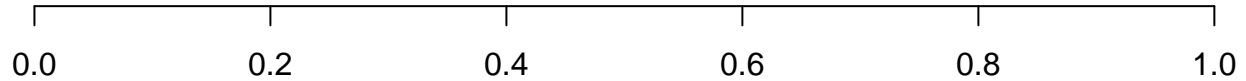
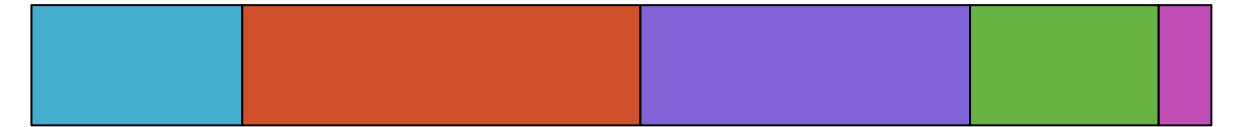
Mal



OAA



sim



MS fraction

Pyr



sim



0.0

0.2

0.4

0.6

0.8

1.0

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

