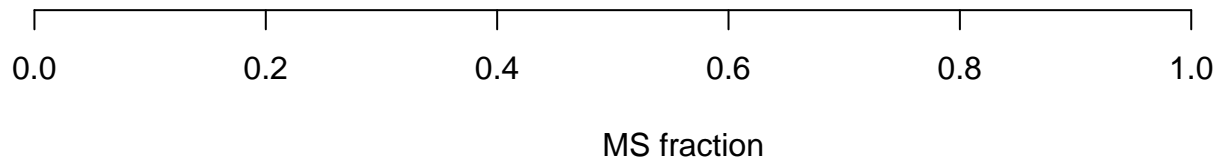
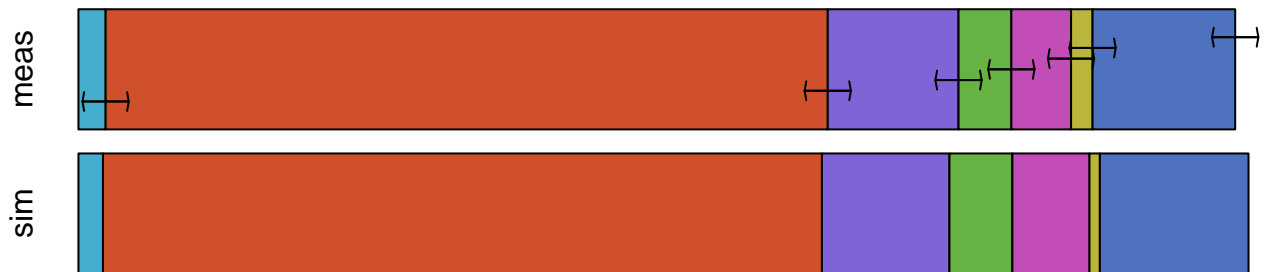
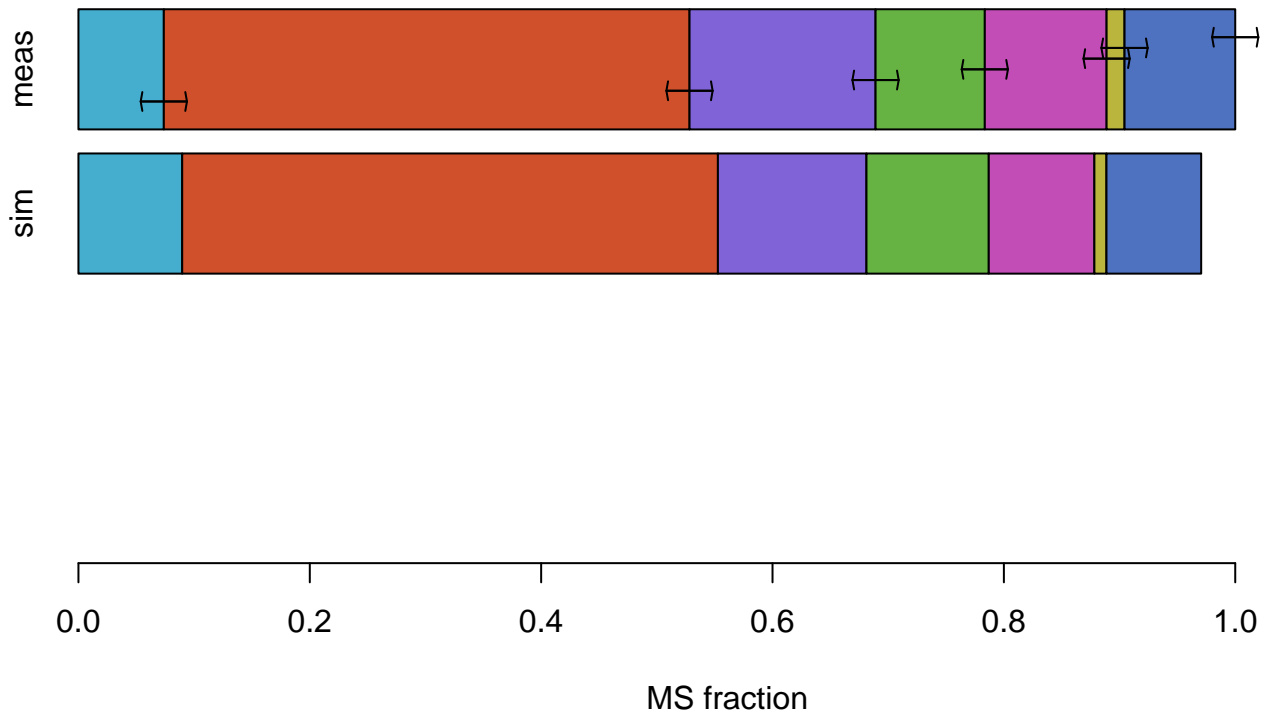


MS measurements
(error bars= $\pm 2 \cdot \text{dev}$)

Fru6P



FruBP

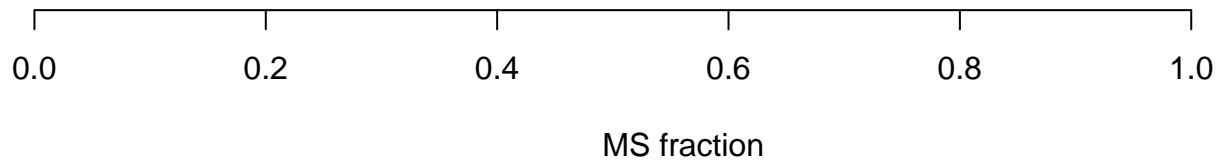


Glc6P

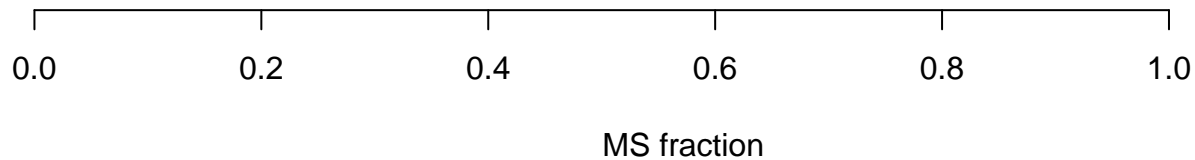
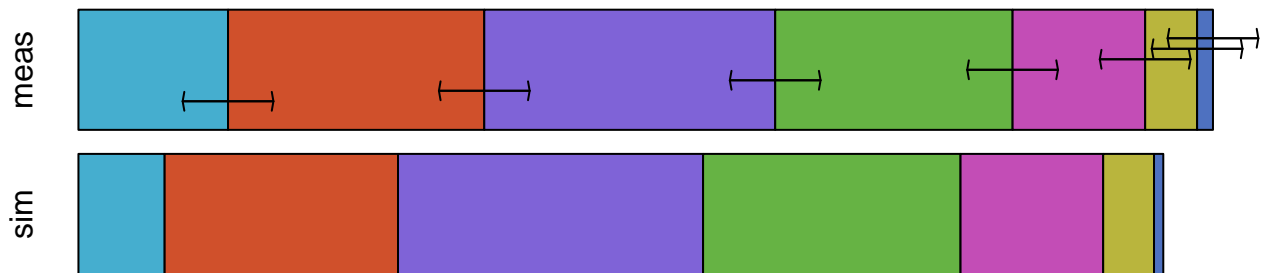


MS fraction

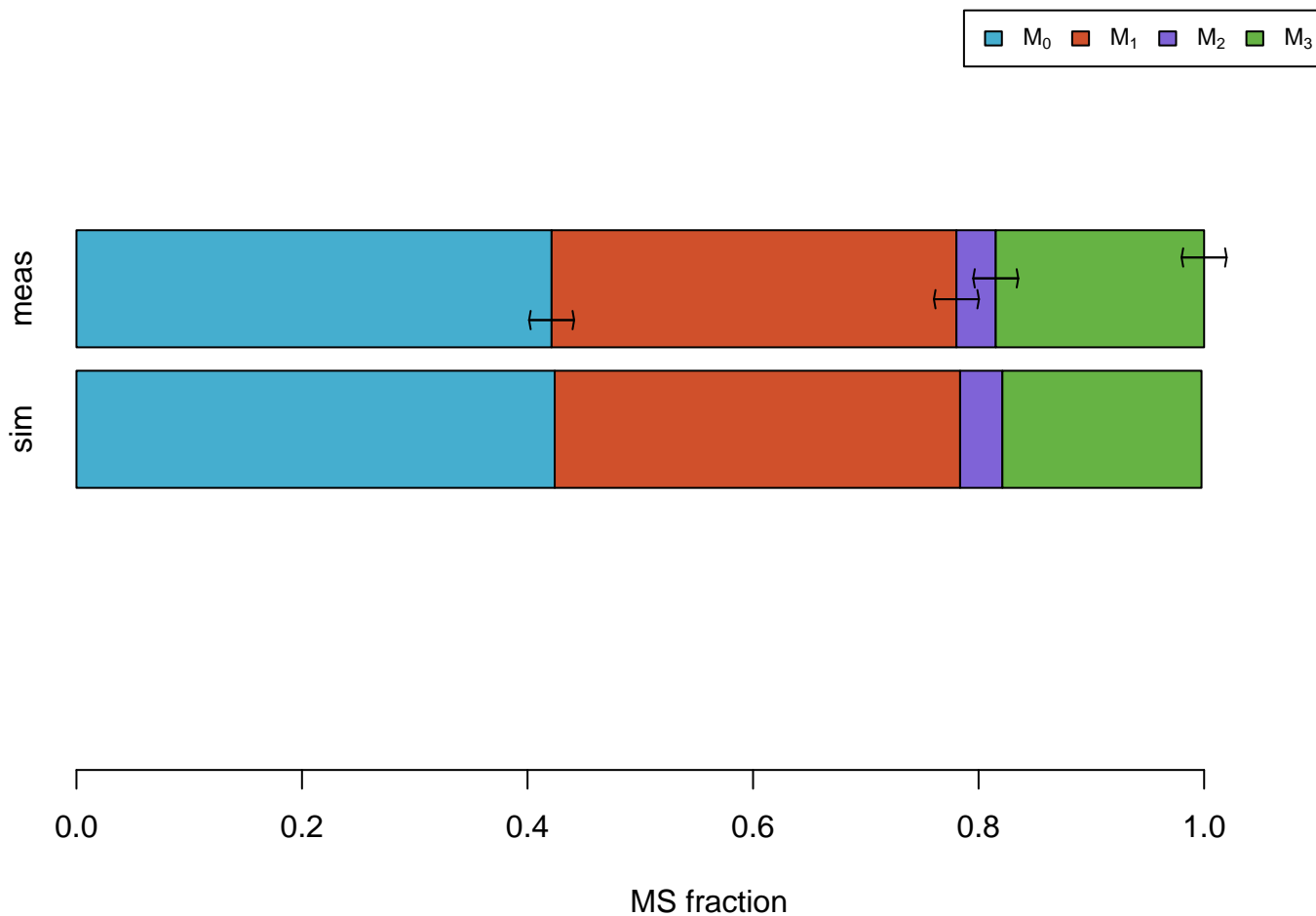
Gnt6P



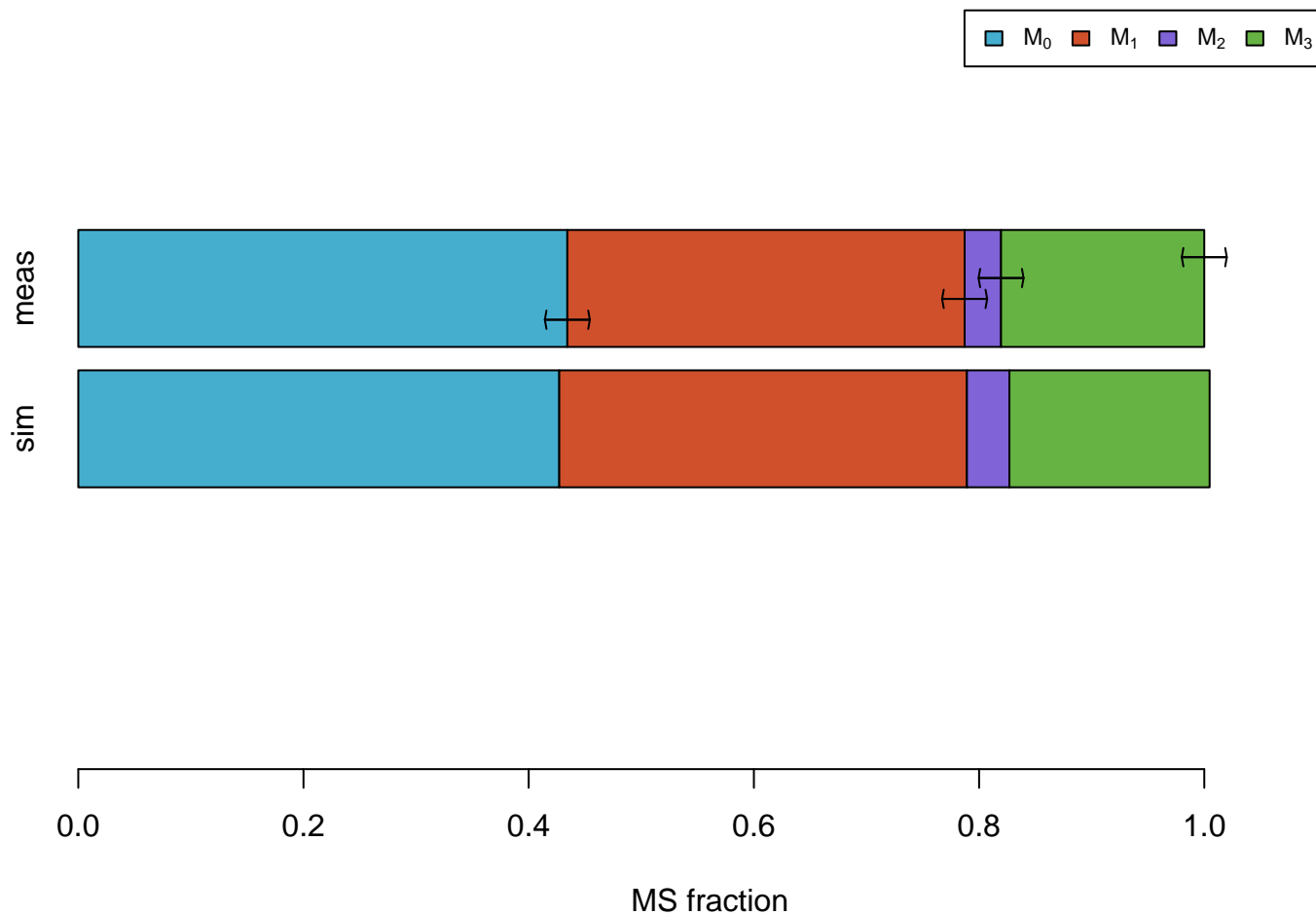
ICit



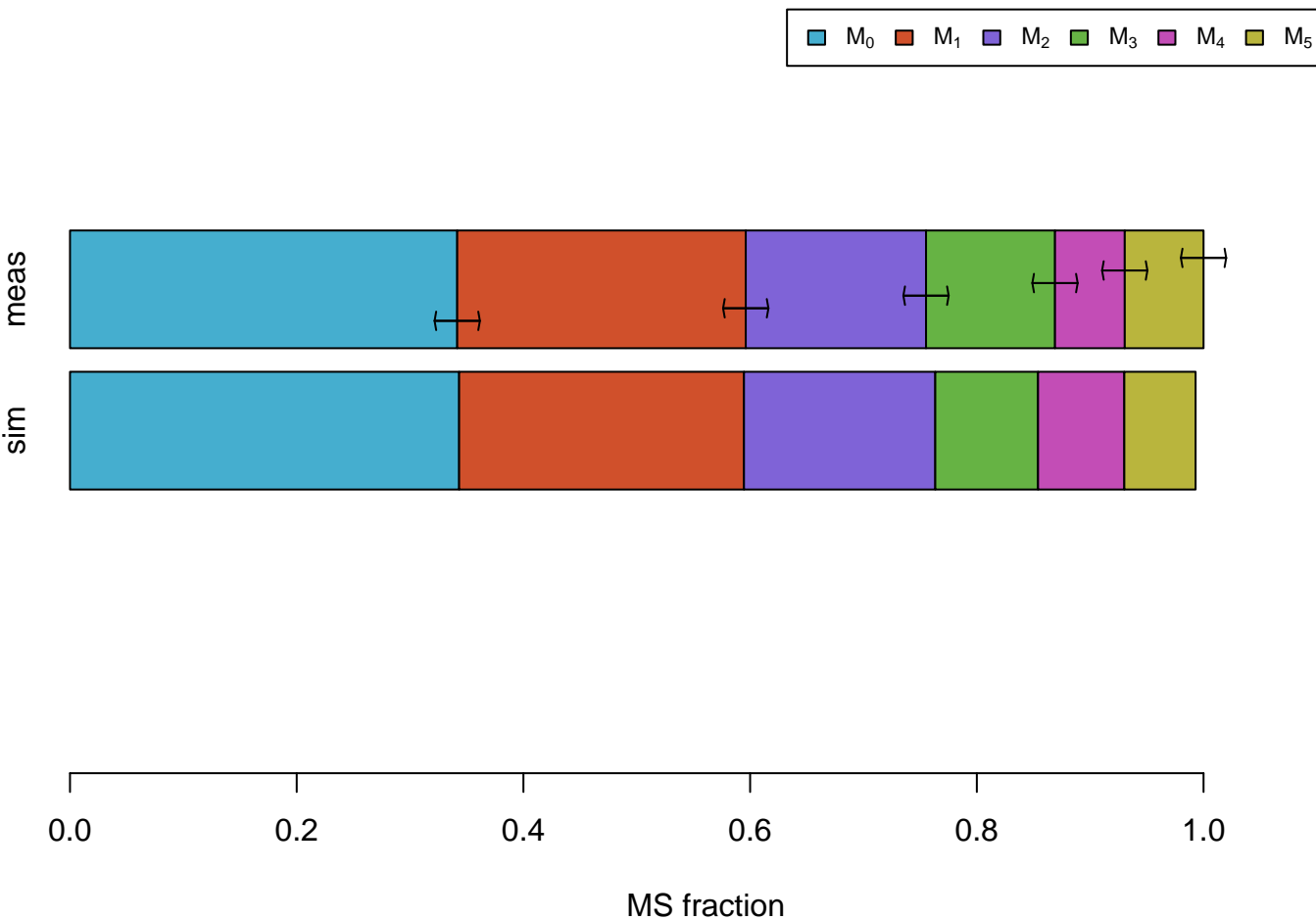
PEP



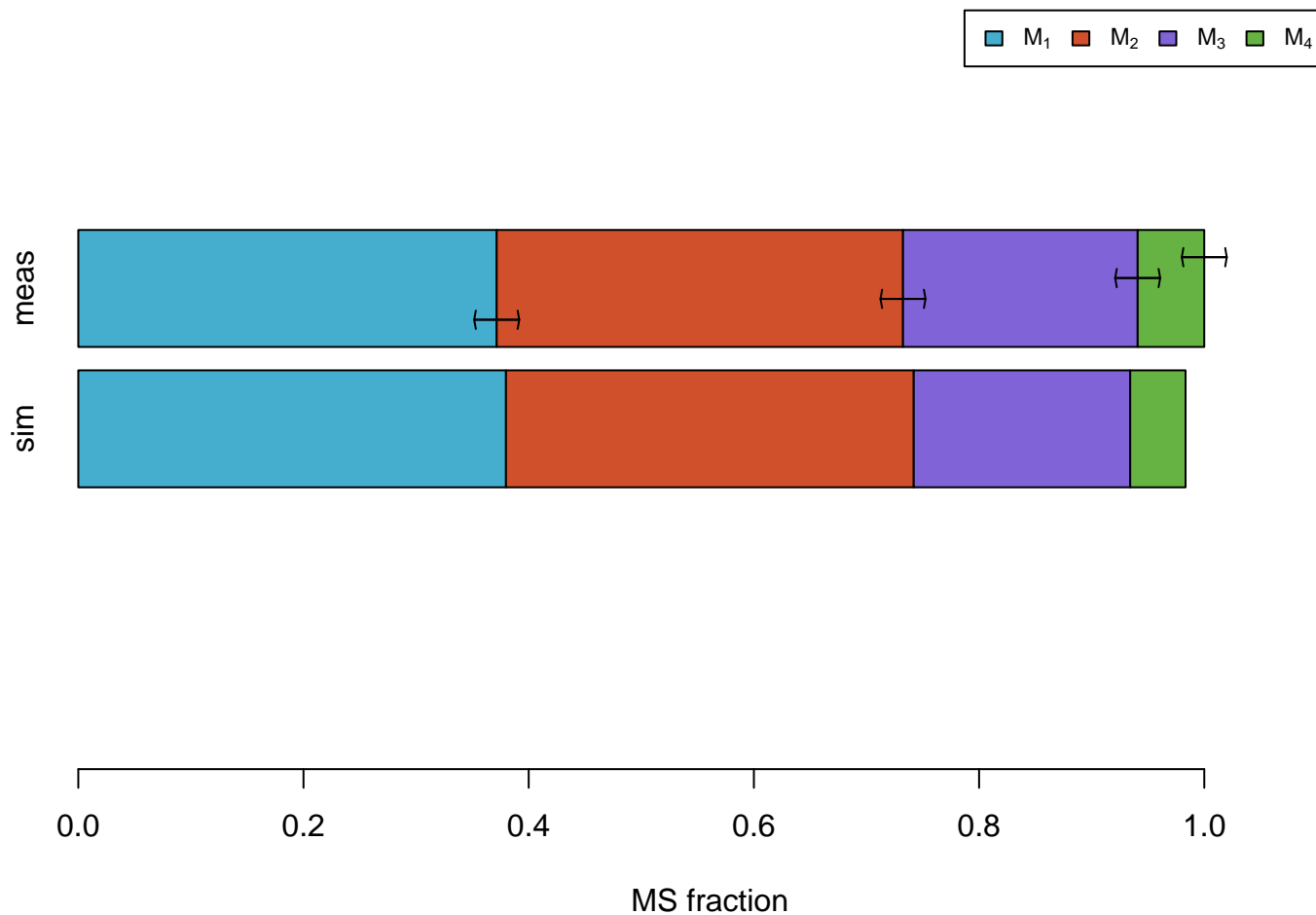
PGA



Rib5P

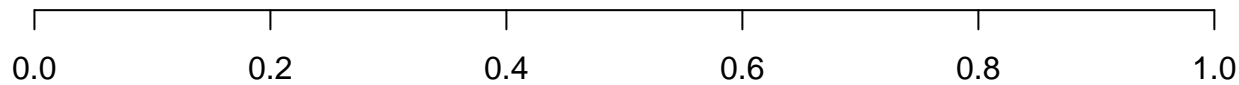


Suc



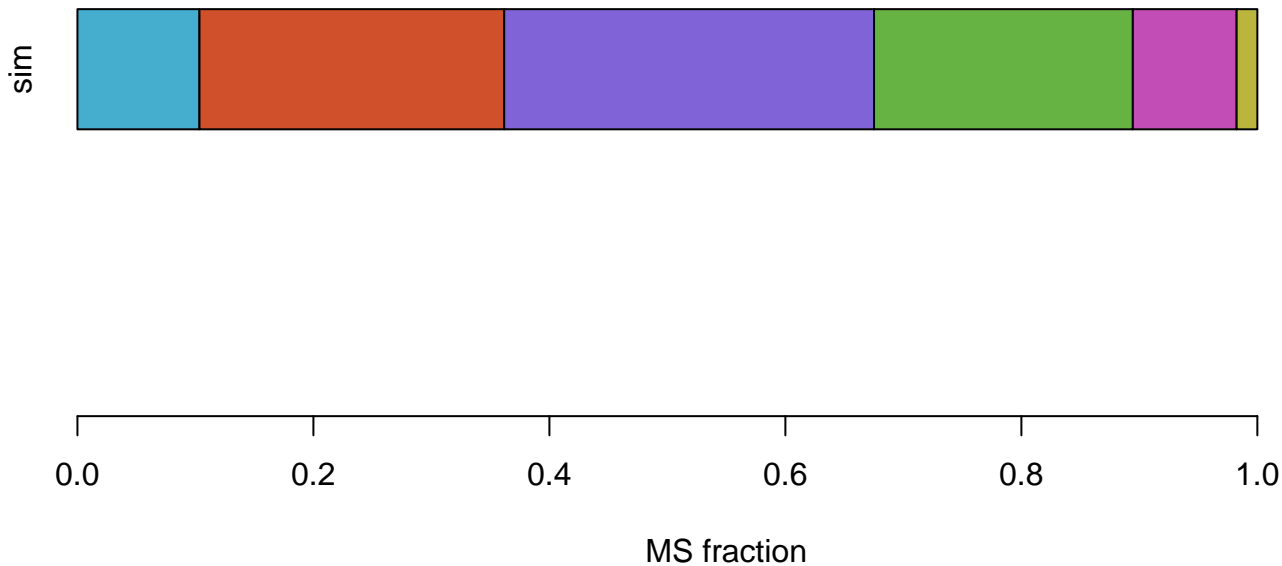
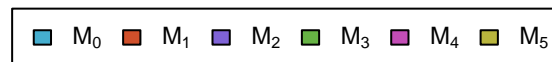
MS simulations

AcCoA



MS fraction

AKG



Ala

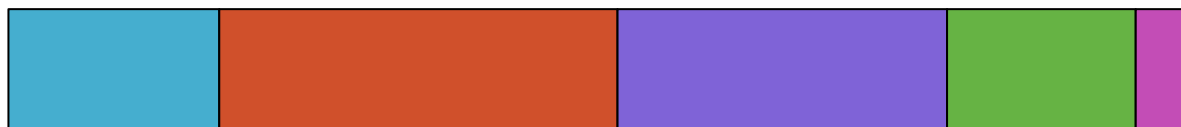


MS fraction

Asn

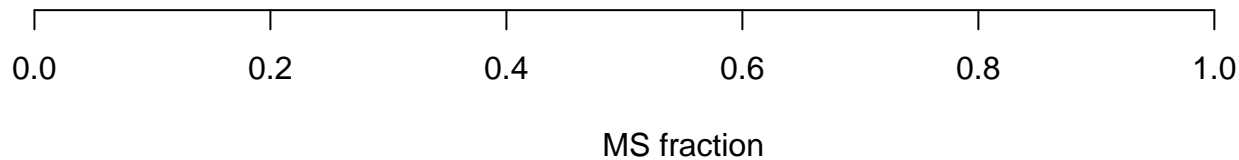


sim



MS fraction

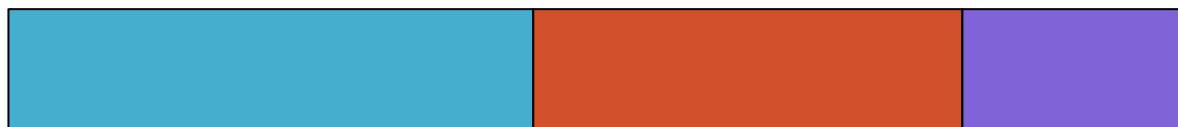
Asp



BM_AcCoA



sim



0.0

0.2

0.4

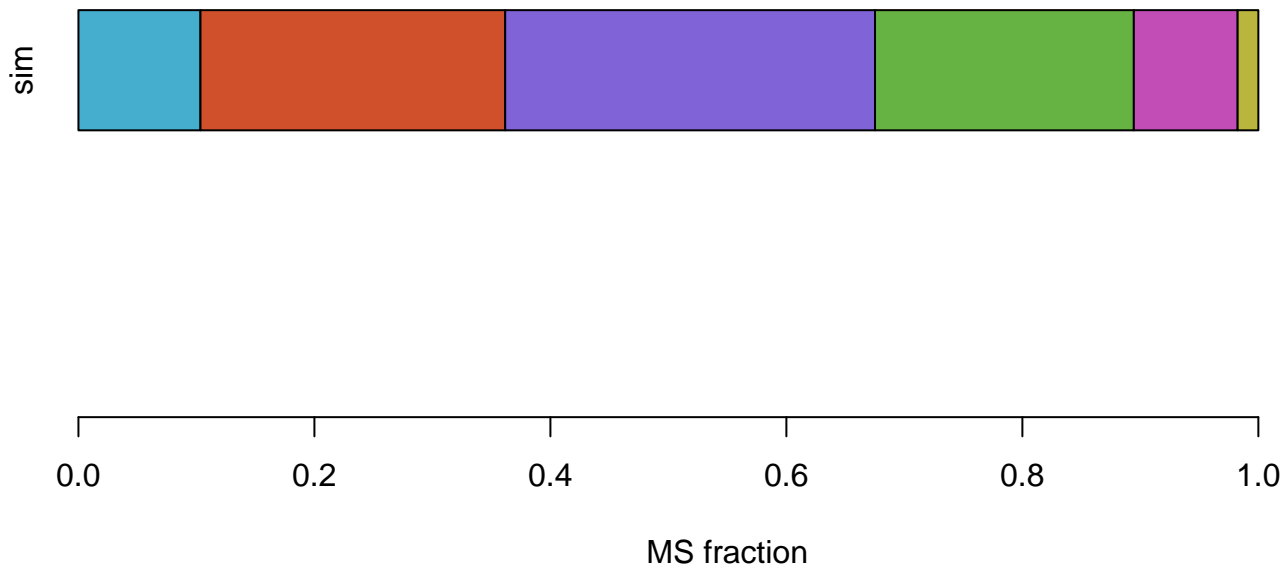
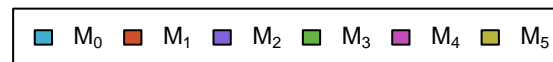
0.6

0.8

1.0

MS fraction

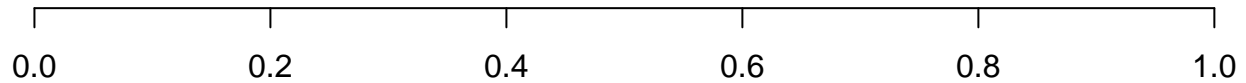
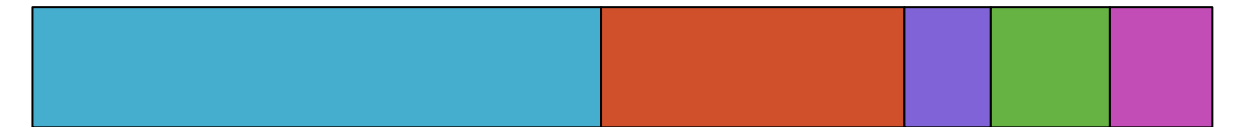
BM_AKG



BM_Ery4P



sim



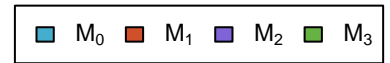
MS fraction

BM_OAA



MS fraction

BM_PEP



sim



0.0

0.2

0.4

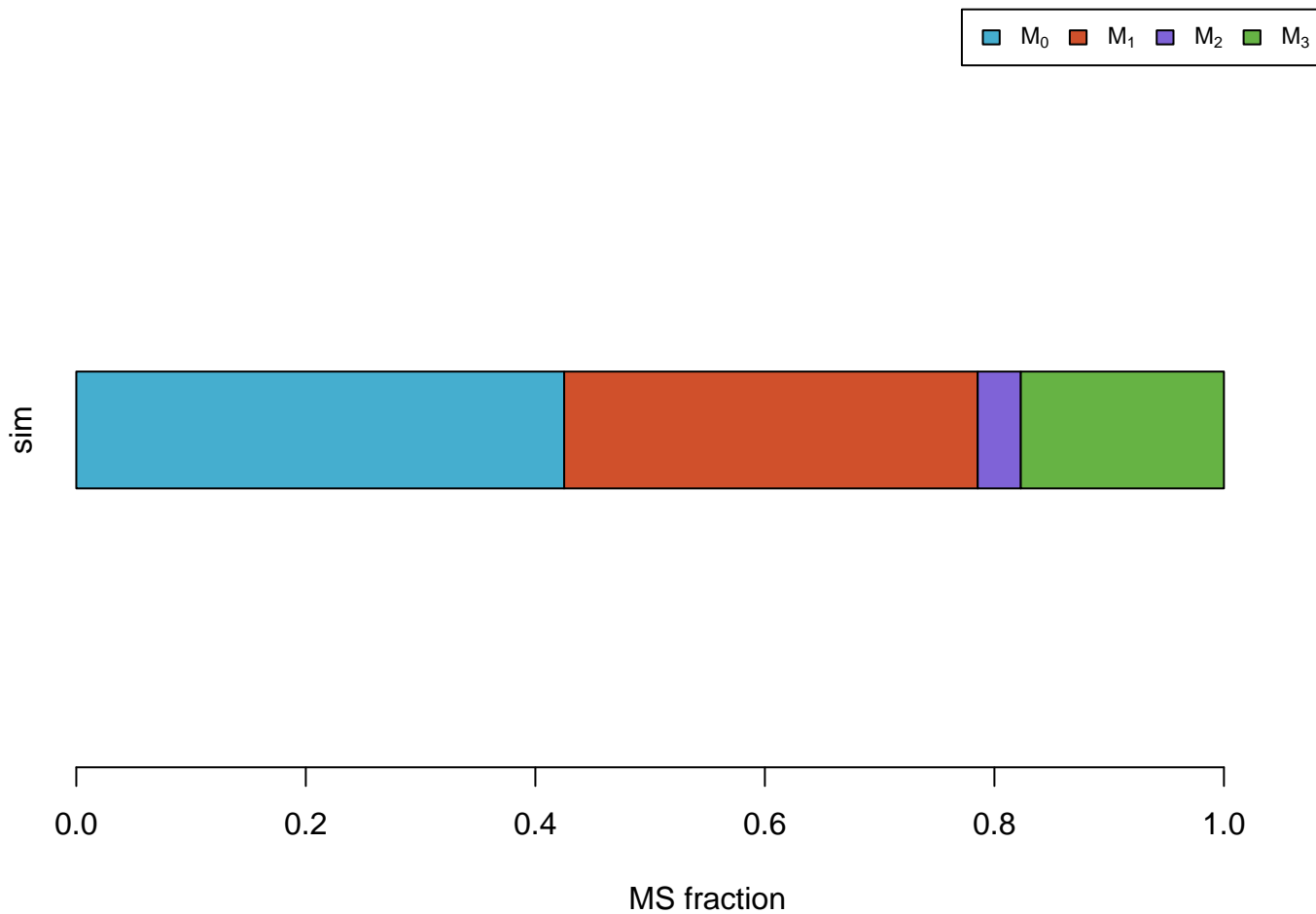
0.6

0.8

1.0

MS fraction

BM_PGA



BM_Pyr



sim



0.0

0.2

0.4

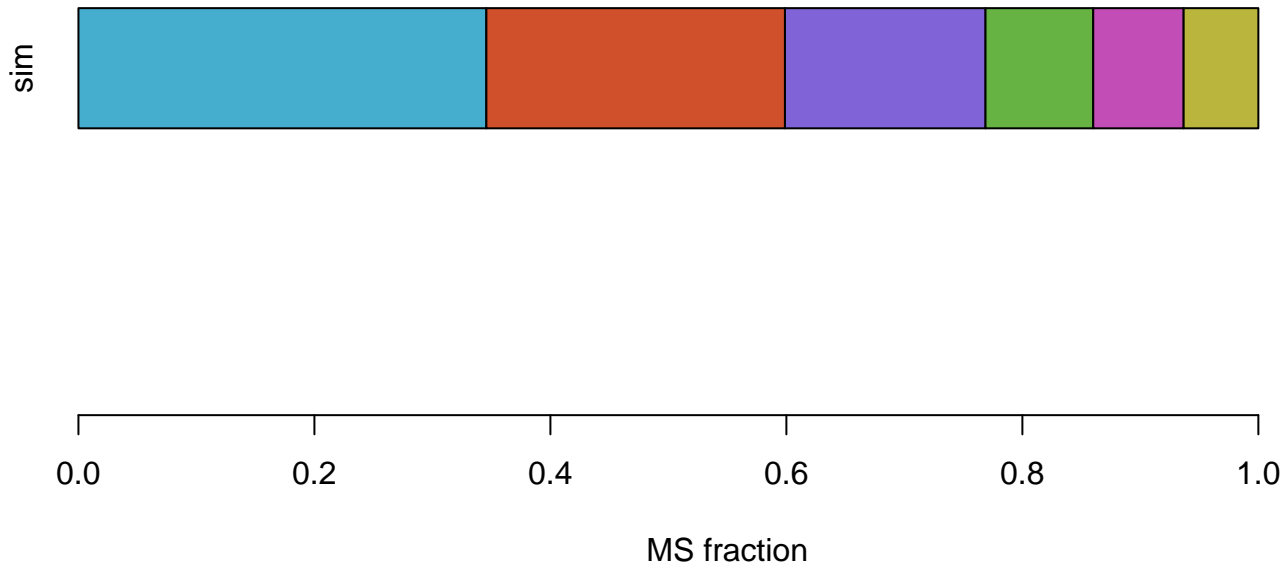
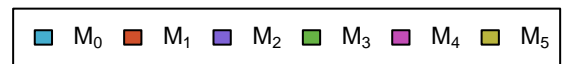
0.6

0.8

1.0

MS fraction

BM_Rib5P



CO2



sim



0.0

0.2

0.4

0.6

0.8

1.0

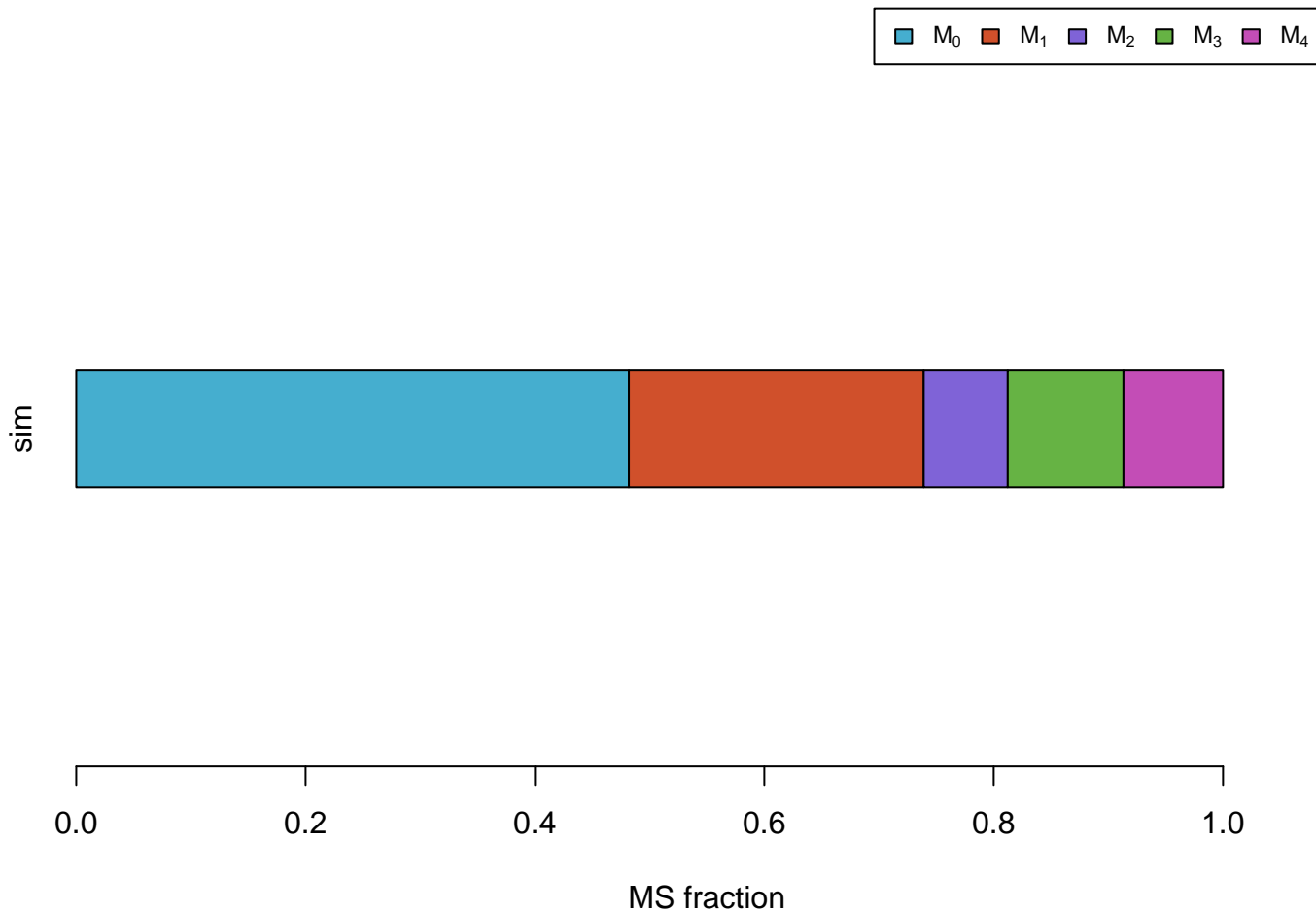
MS fraction

Cys

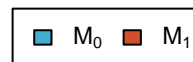


MS fraction

Ery4P



FTHF



sim



MS fraction

GA3P

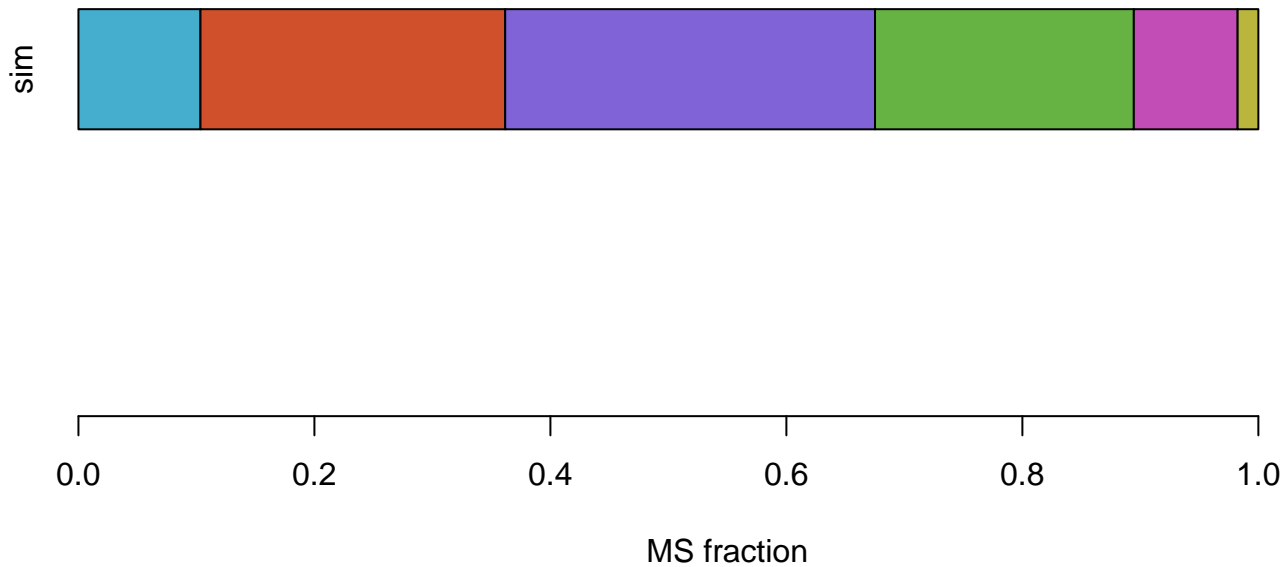
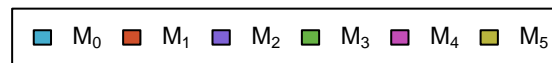


sim



MS fraction

Glu



Gly



sim



MS fraction

Mal

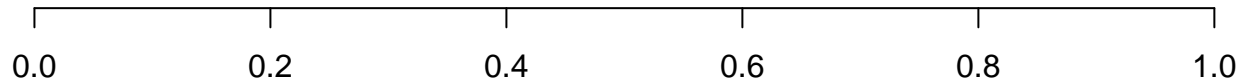
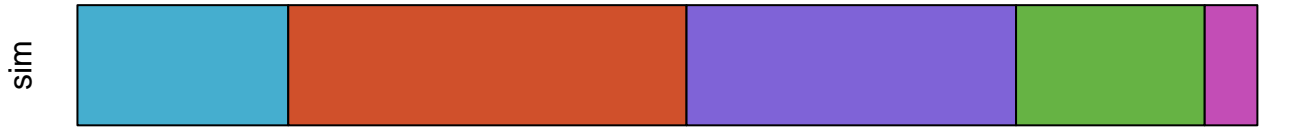


sim



MS fraction

OAA



MS fraction

Pyr



MS fraction

Ser



sim



0.0

0.2

0.4

0.6

0.8

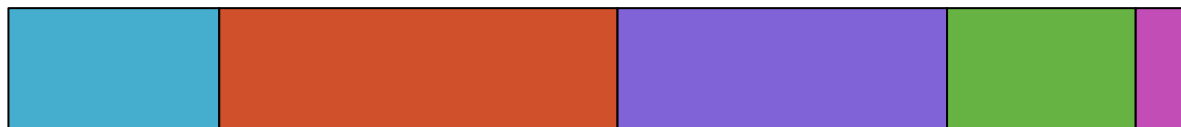
1.0

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

