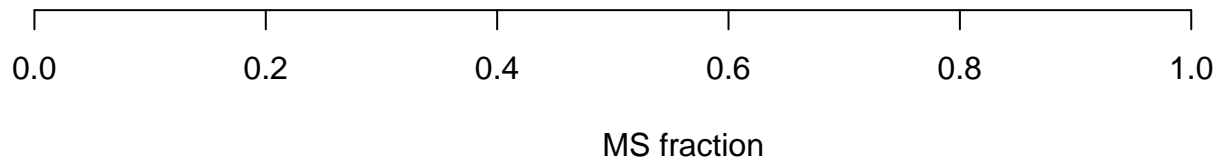
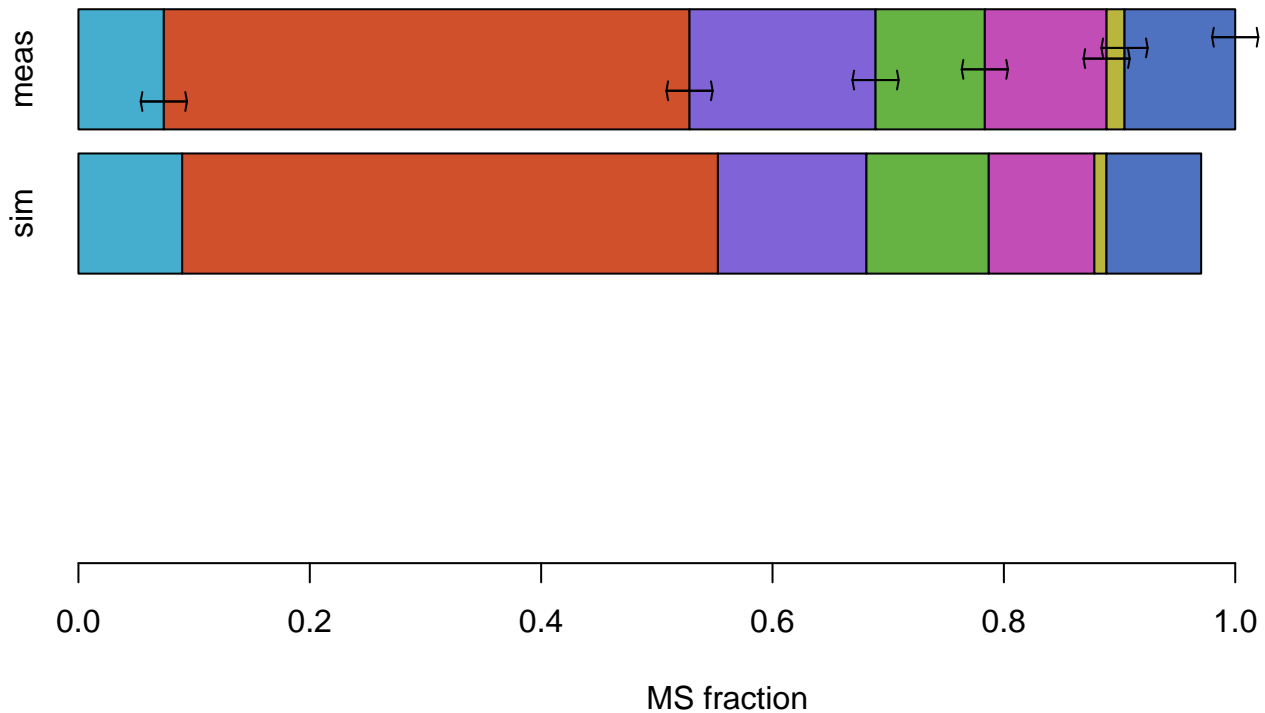


MS measurements
(error bars= $\pm 2 \cdot \text{dev}$)

Fru6P



FruBP



Glc6P



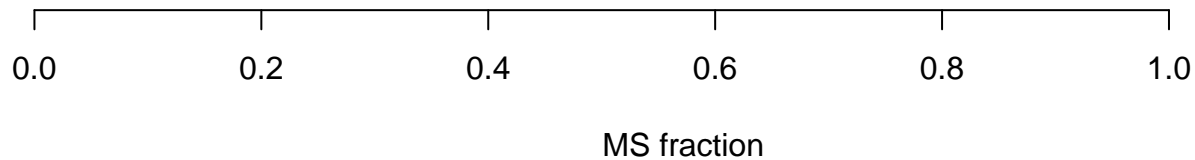
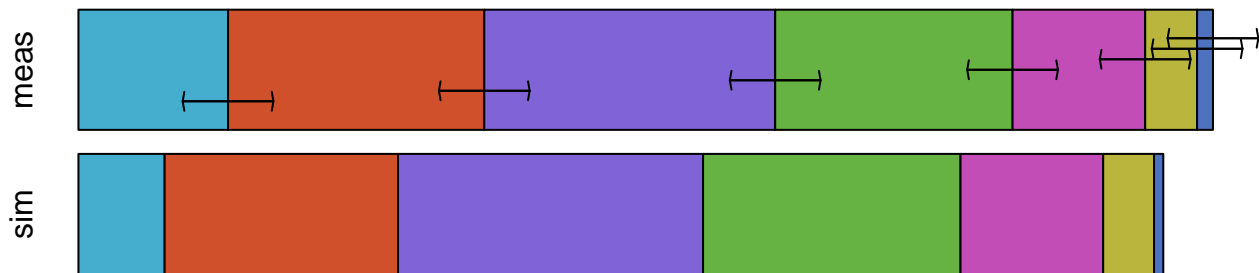
MS fraction

Gnt6P

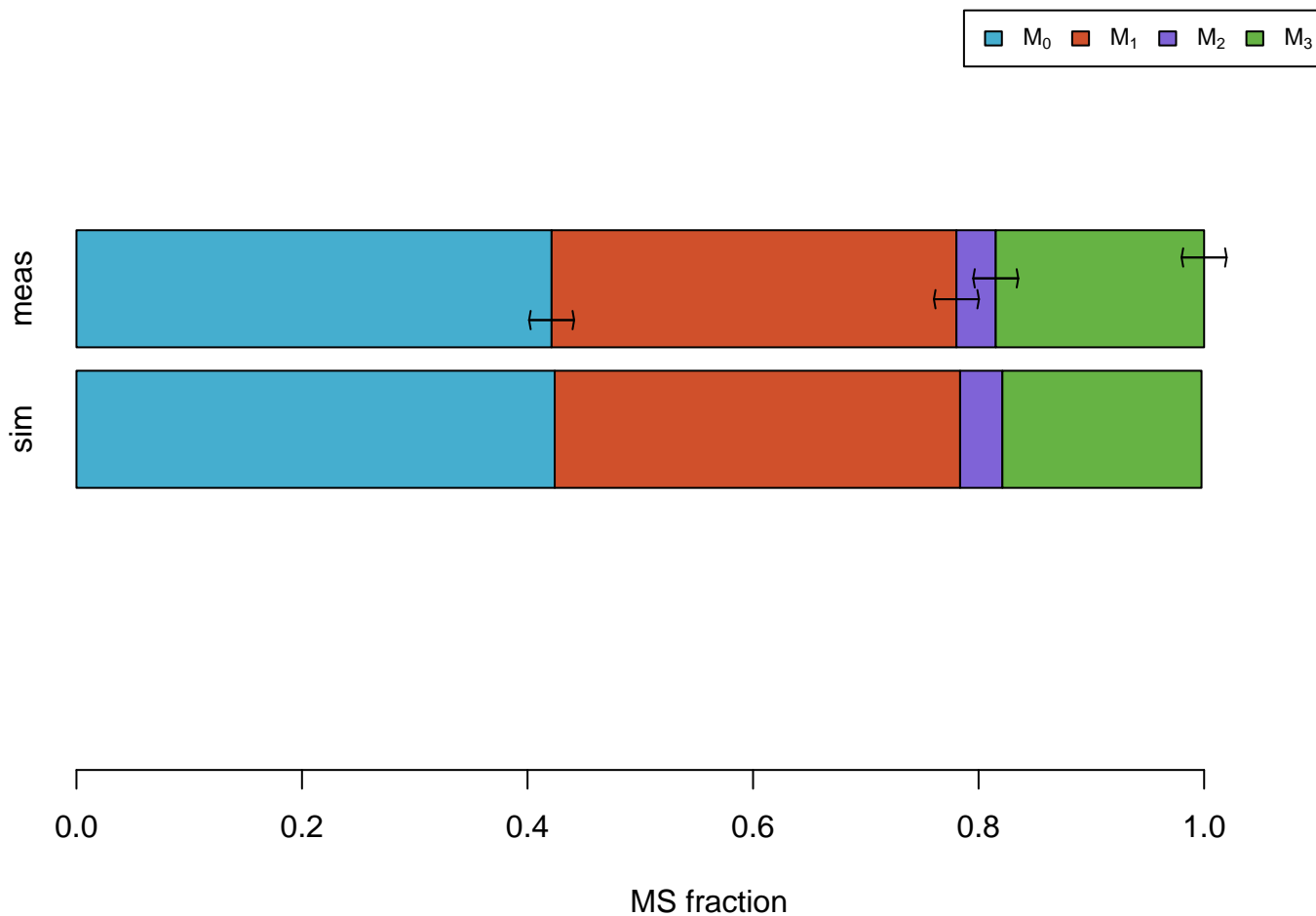


MS fraction

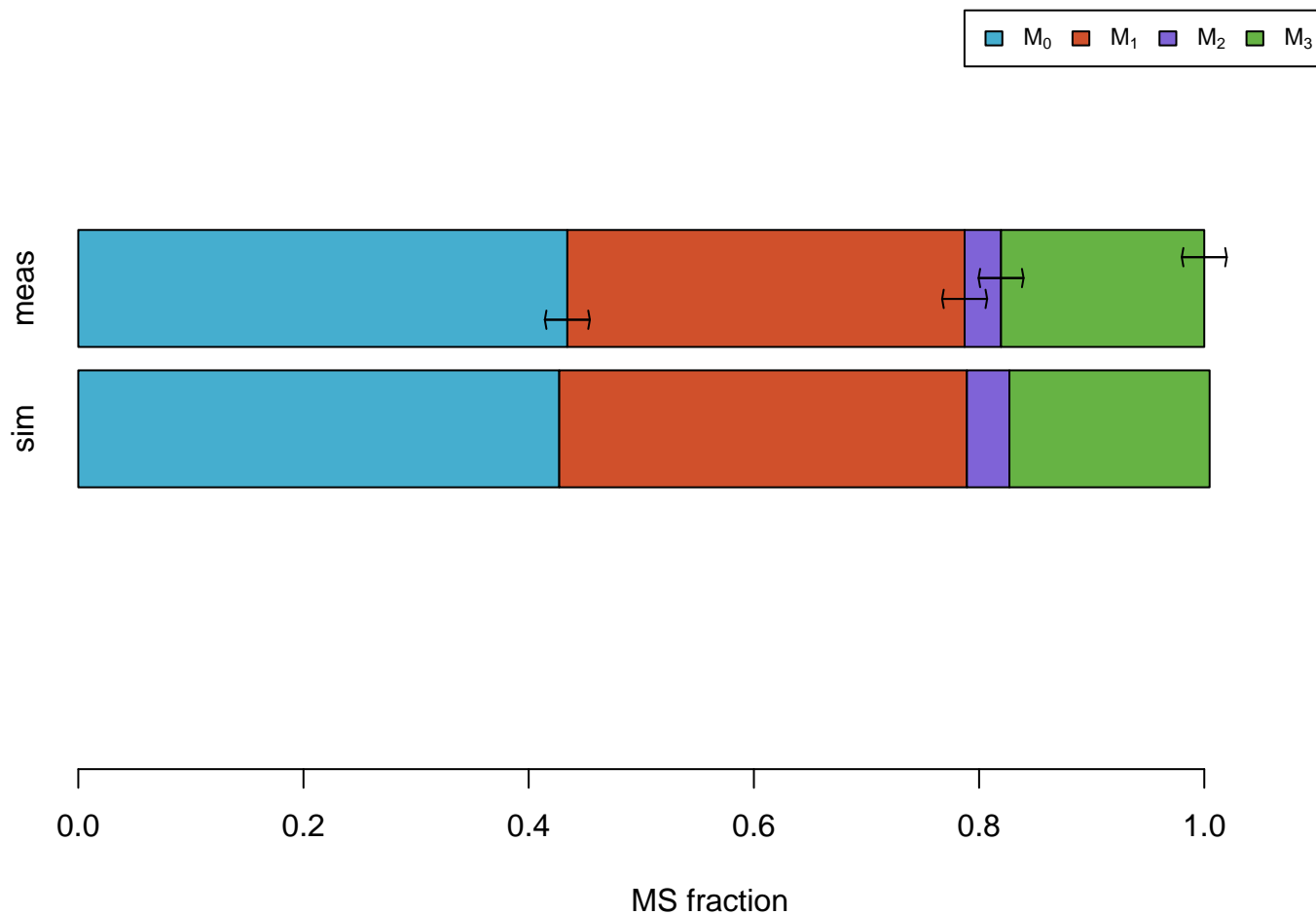
ICit



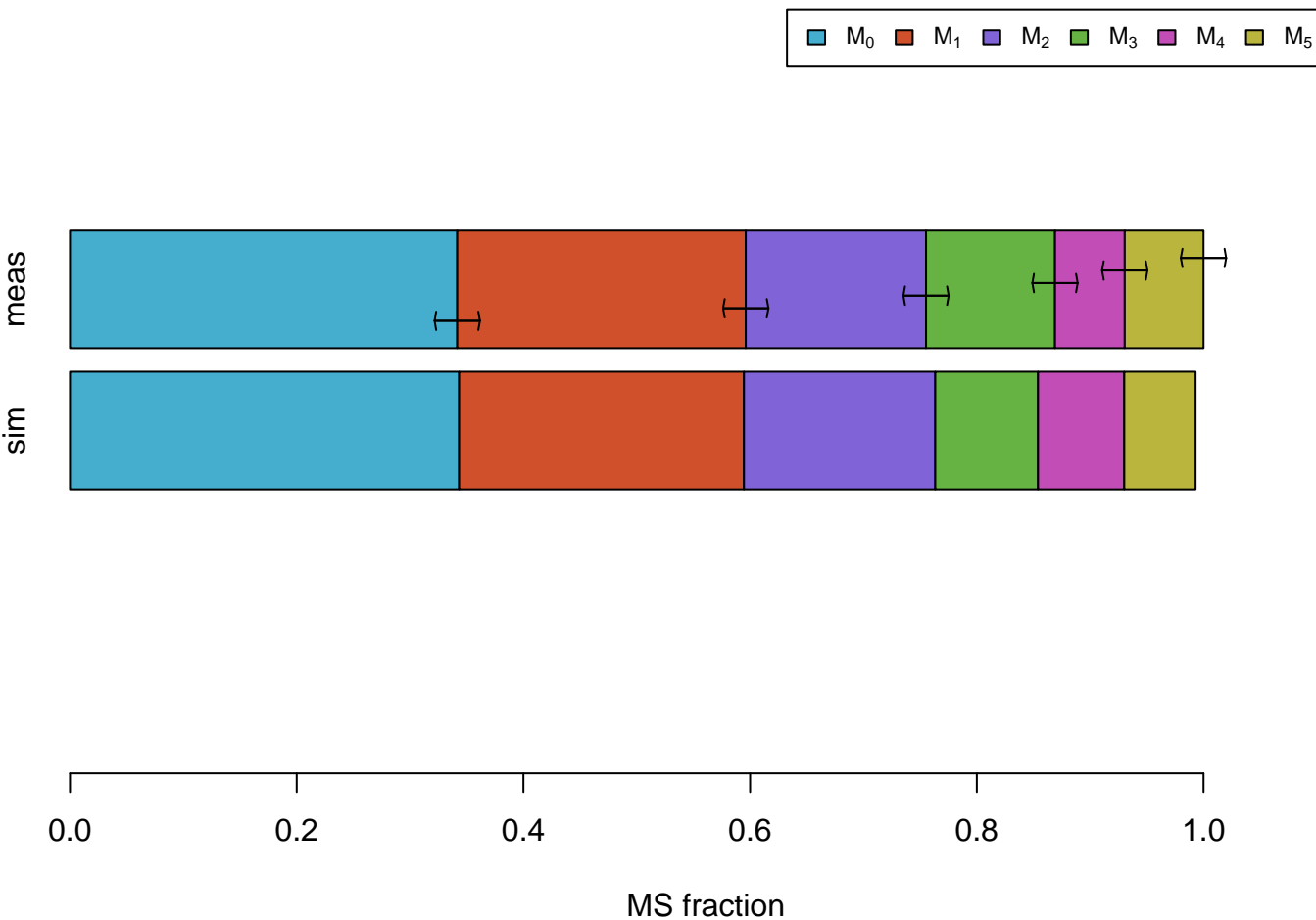
PEP



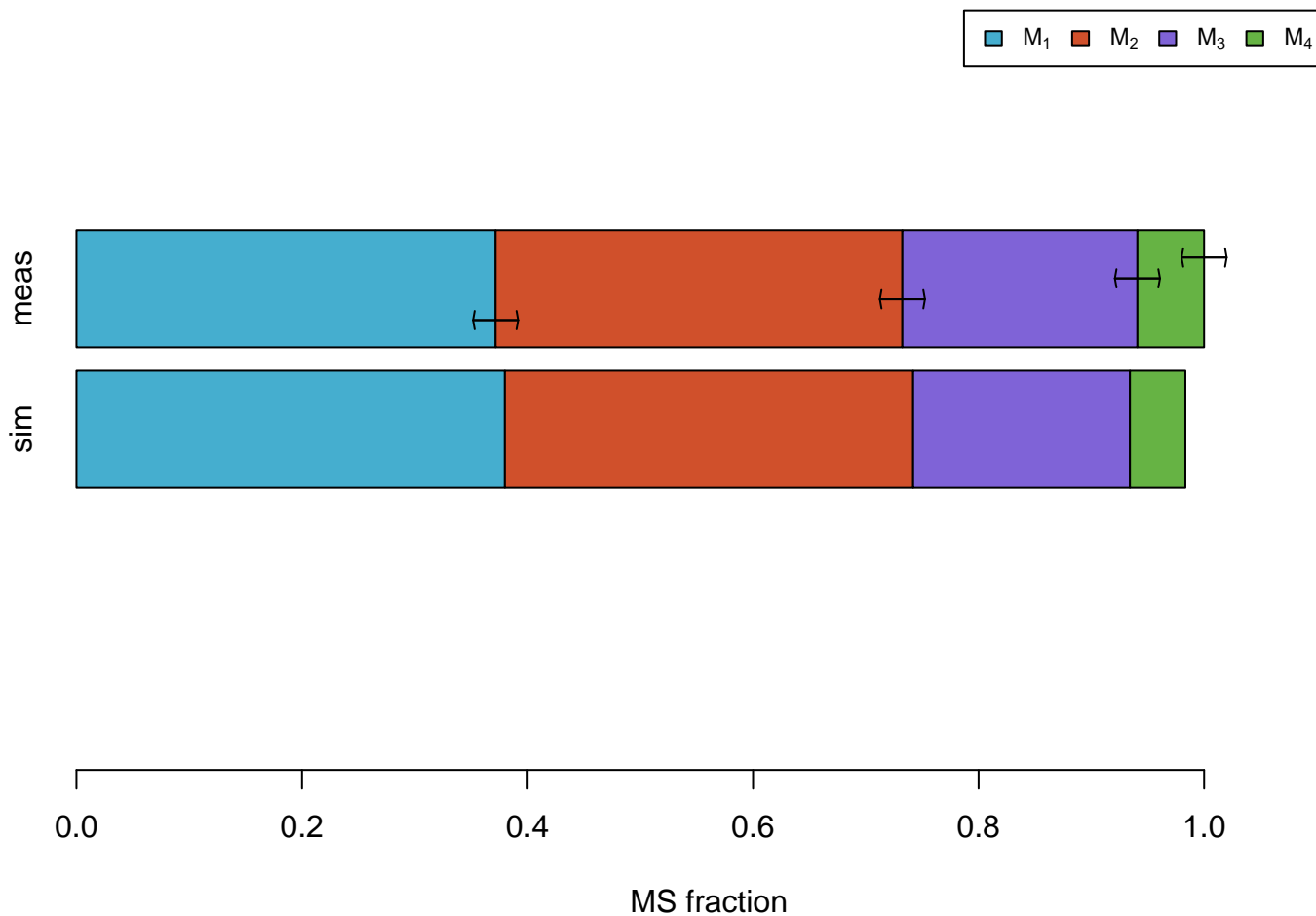
PGA



Rib5P

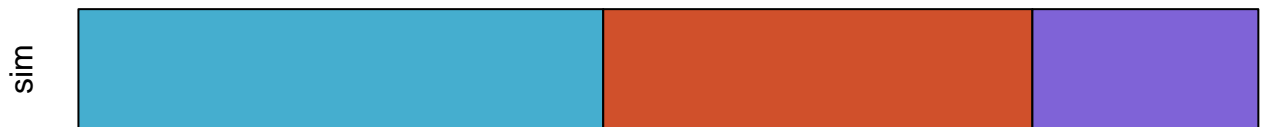


Suc



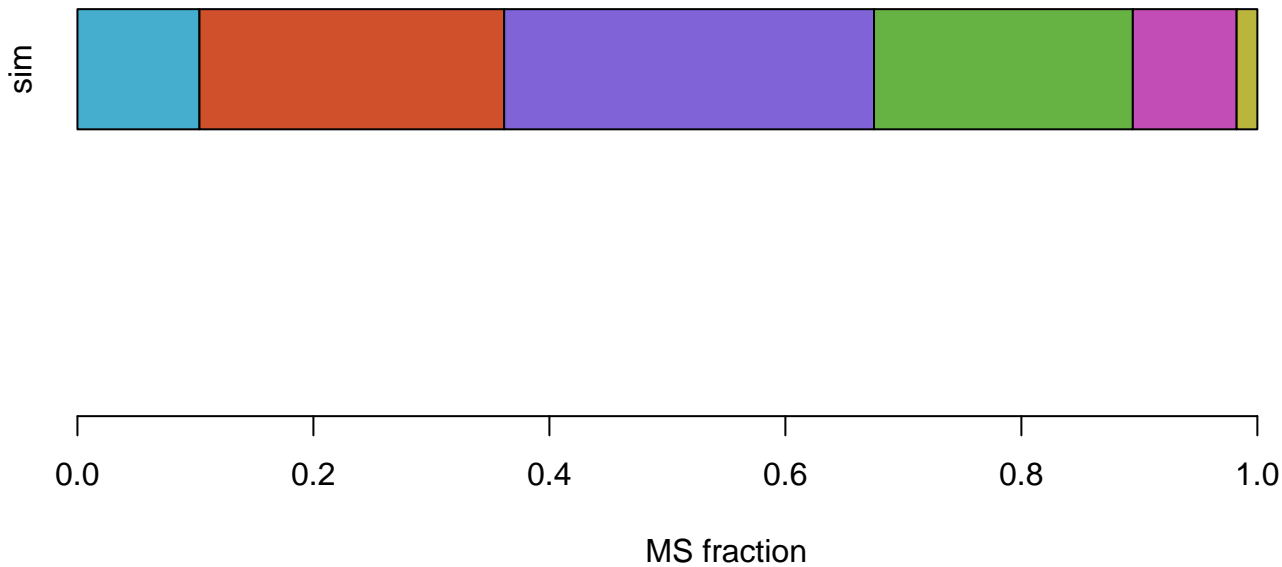
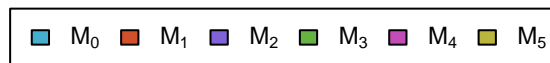
MS simulations

AcCoA



MS fraction

AKG



Ala

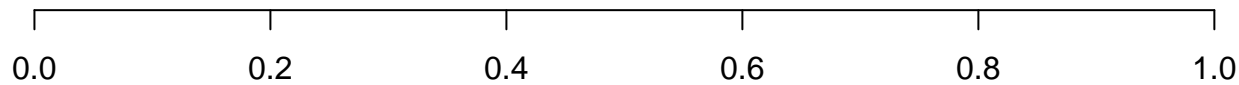
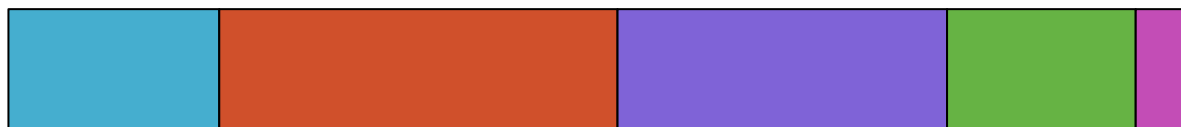


MS fraction

Asn



sim



MS fraction

Asp

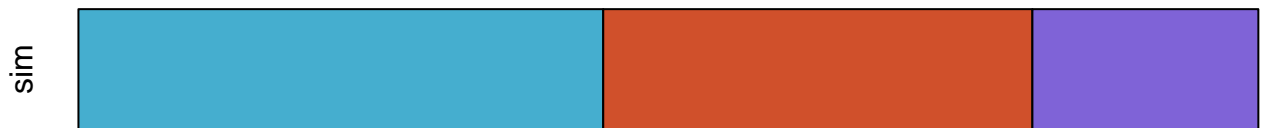


sim



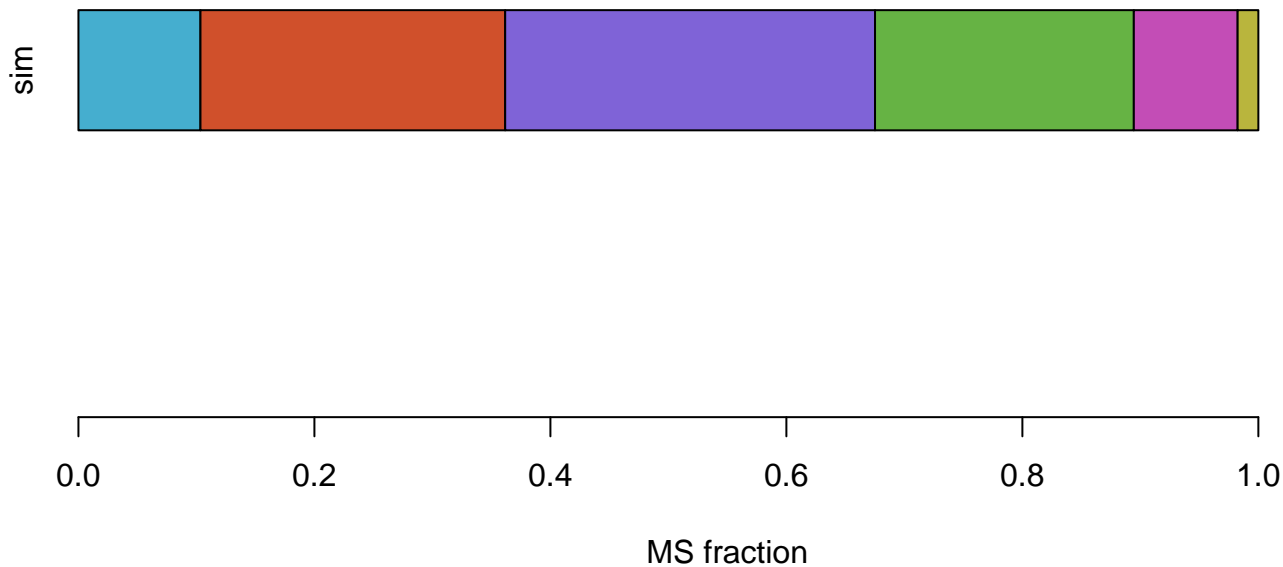
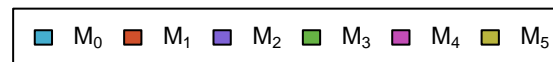
MS fraction

BM_AcCoA



MS fraction

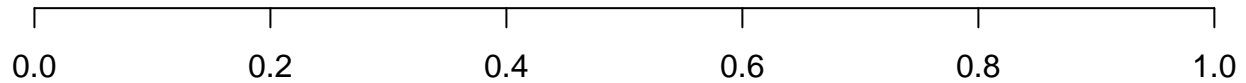
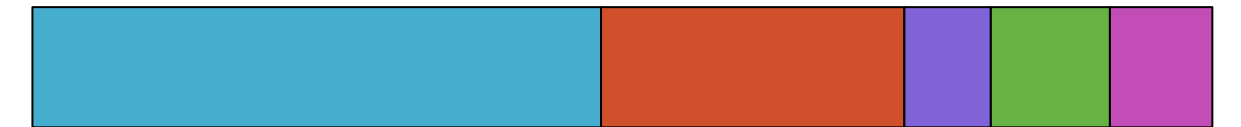
BM_AKG



BM_Ery4P



sim



MS fraction

BM_OAA



MS fraction

BM_PEP



MS fraction

BM_PGA



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction

BM_Pyr

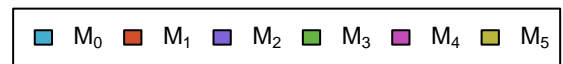


sim

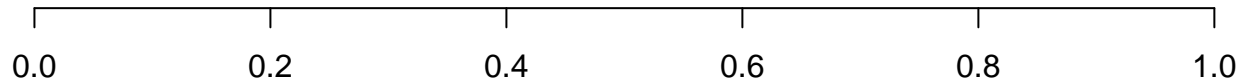


MS fraction

BM_Rib5P

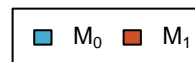


sim



MS fraction

CO2



sim



MS fraction

Cys



MS fraction

Ery4P



sim



MS fraction

FTHF



sim



MS fraction

GA3P



sim



0.0

0.2

0.4

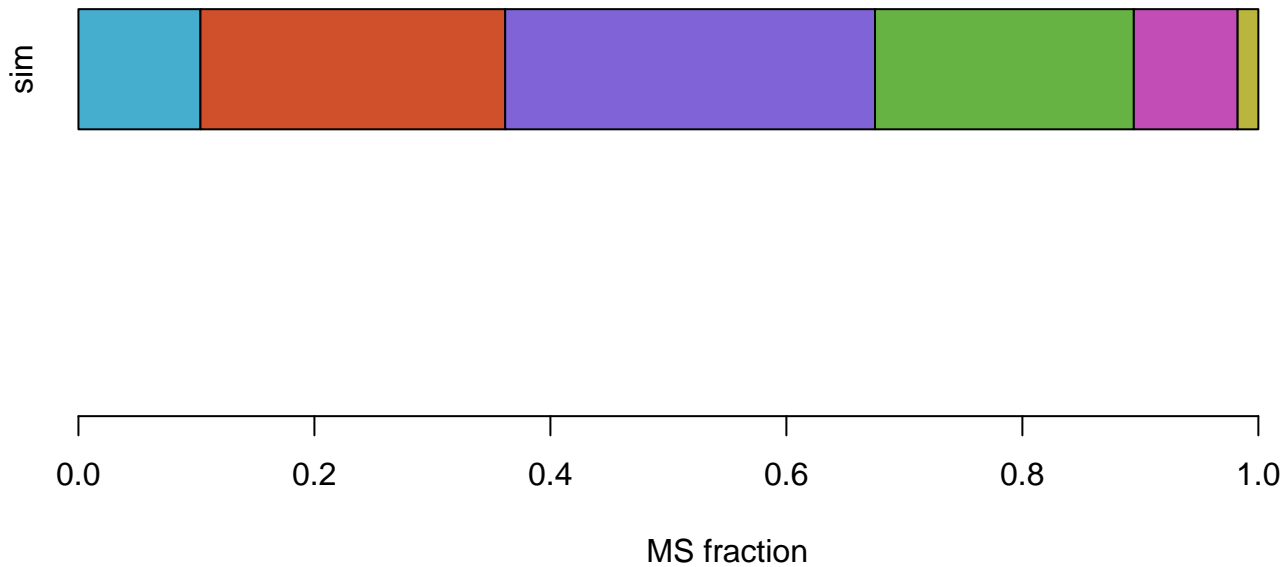
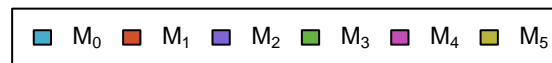
0.6

0.8

1.0

MS fraction

Glu



Gly

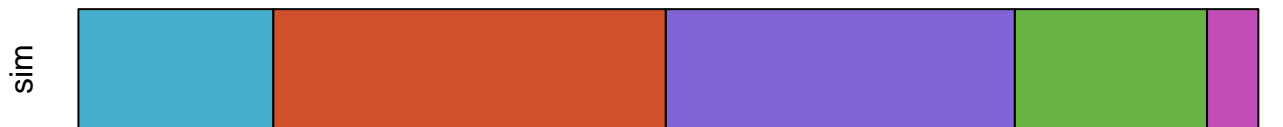


sim



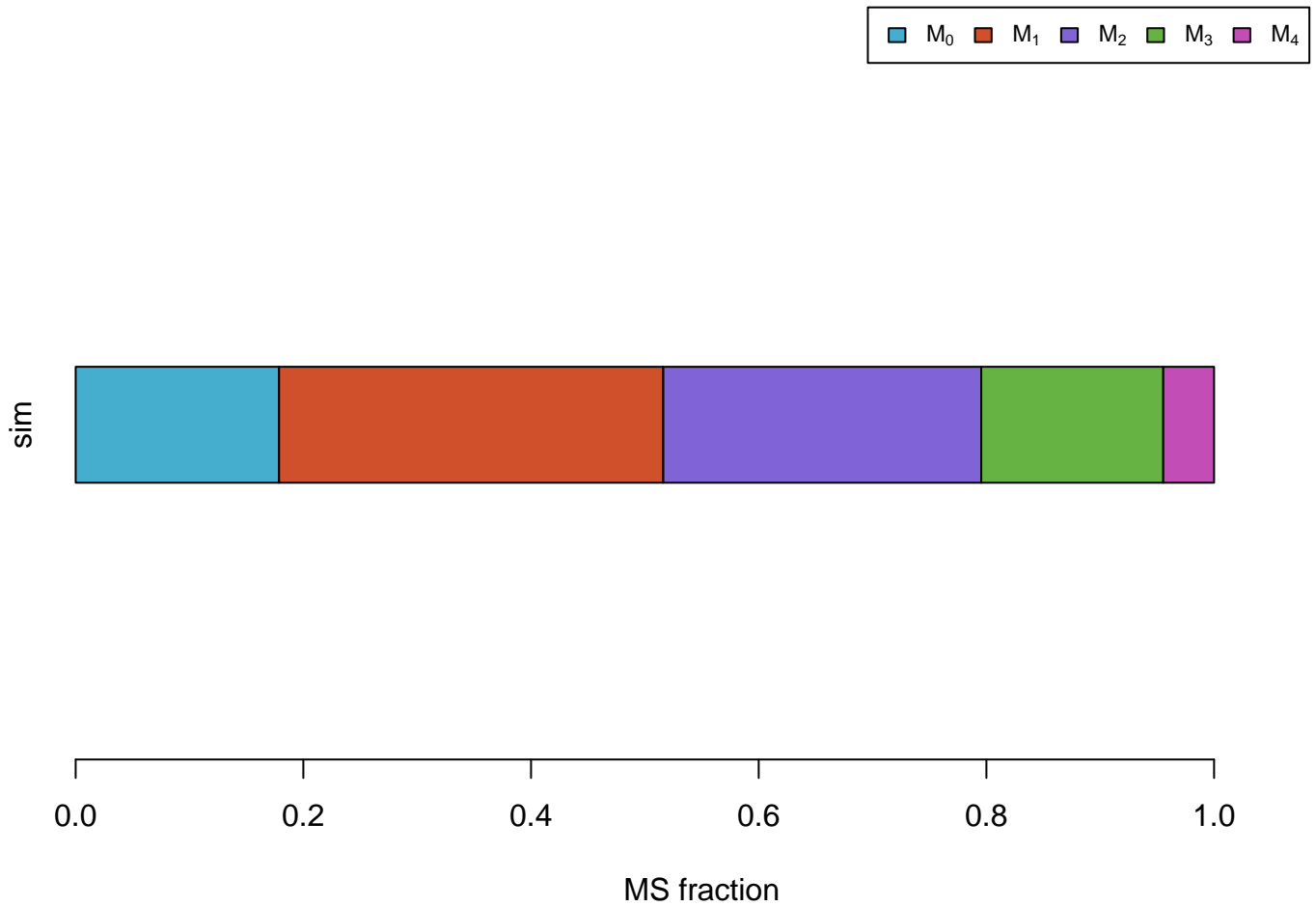
MS fraction

Mal



MS fraction

OAA



Pyr



sim



0.0

0.2

0.4

0.6

0.8

1.0

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

