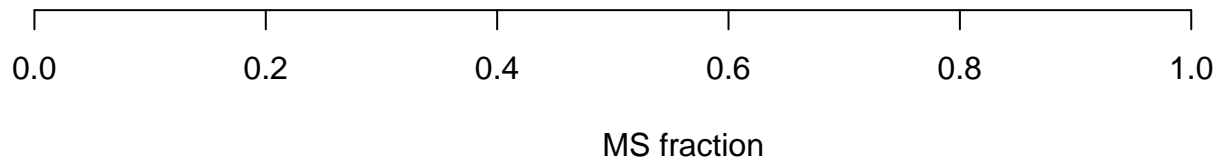
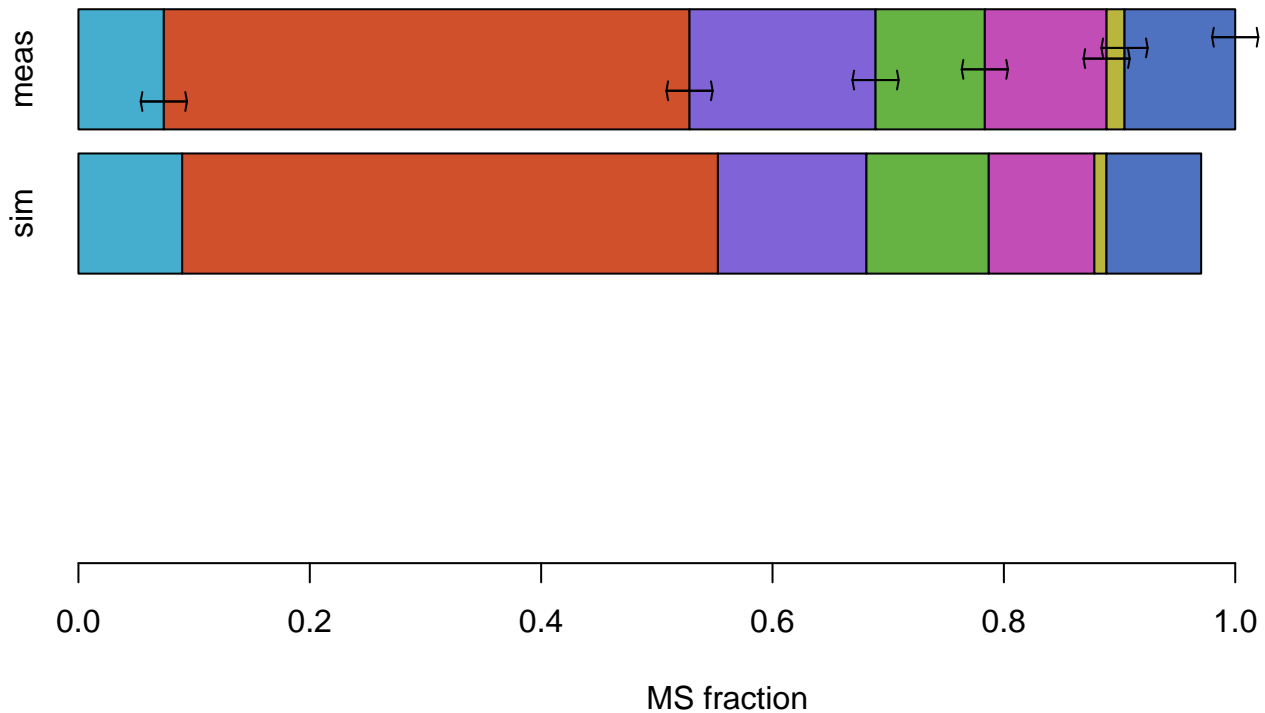


MS measurements
(error bars= $\pm 2 \cdot \text{dev}$)

Fru6P



FruBP

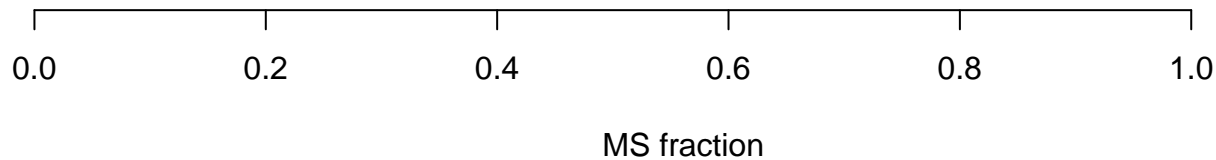


Glc6P

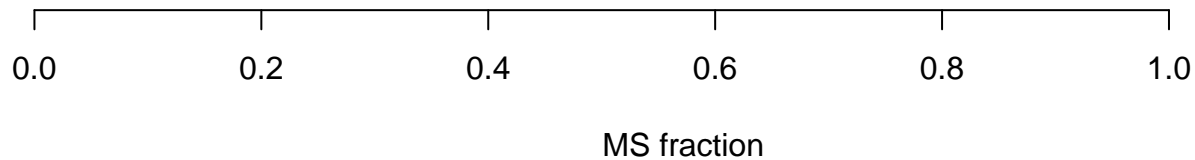
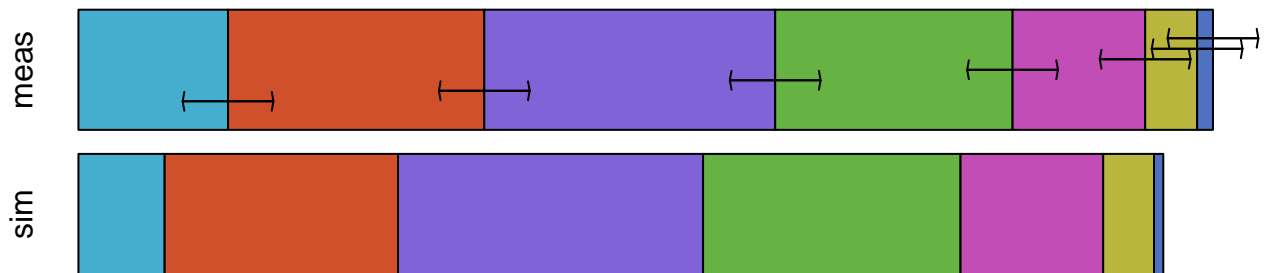


MS fraction

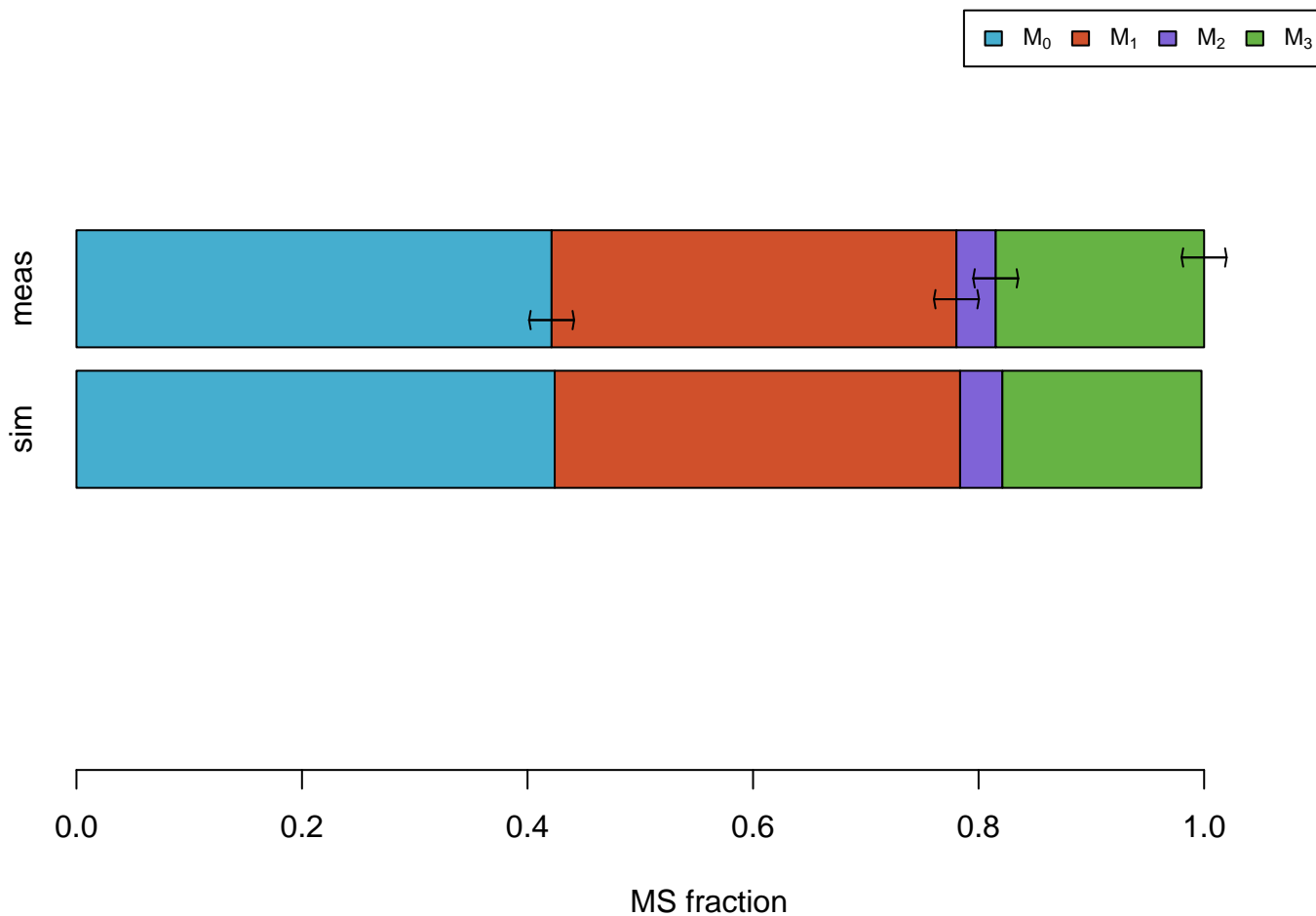
Gnt6P



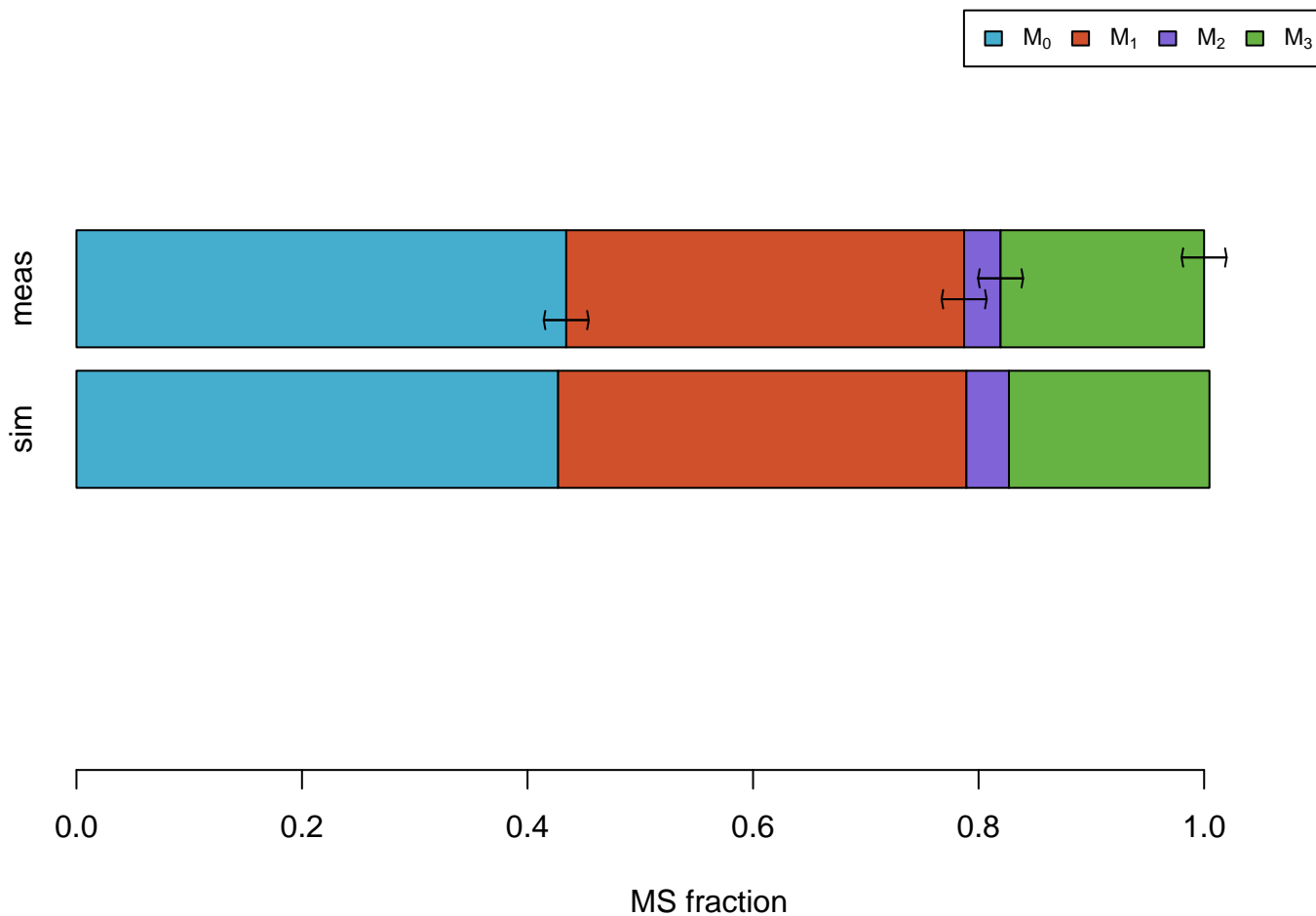
ICit



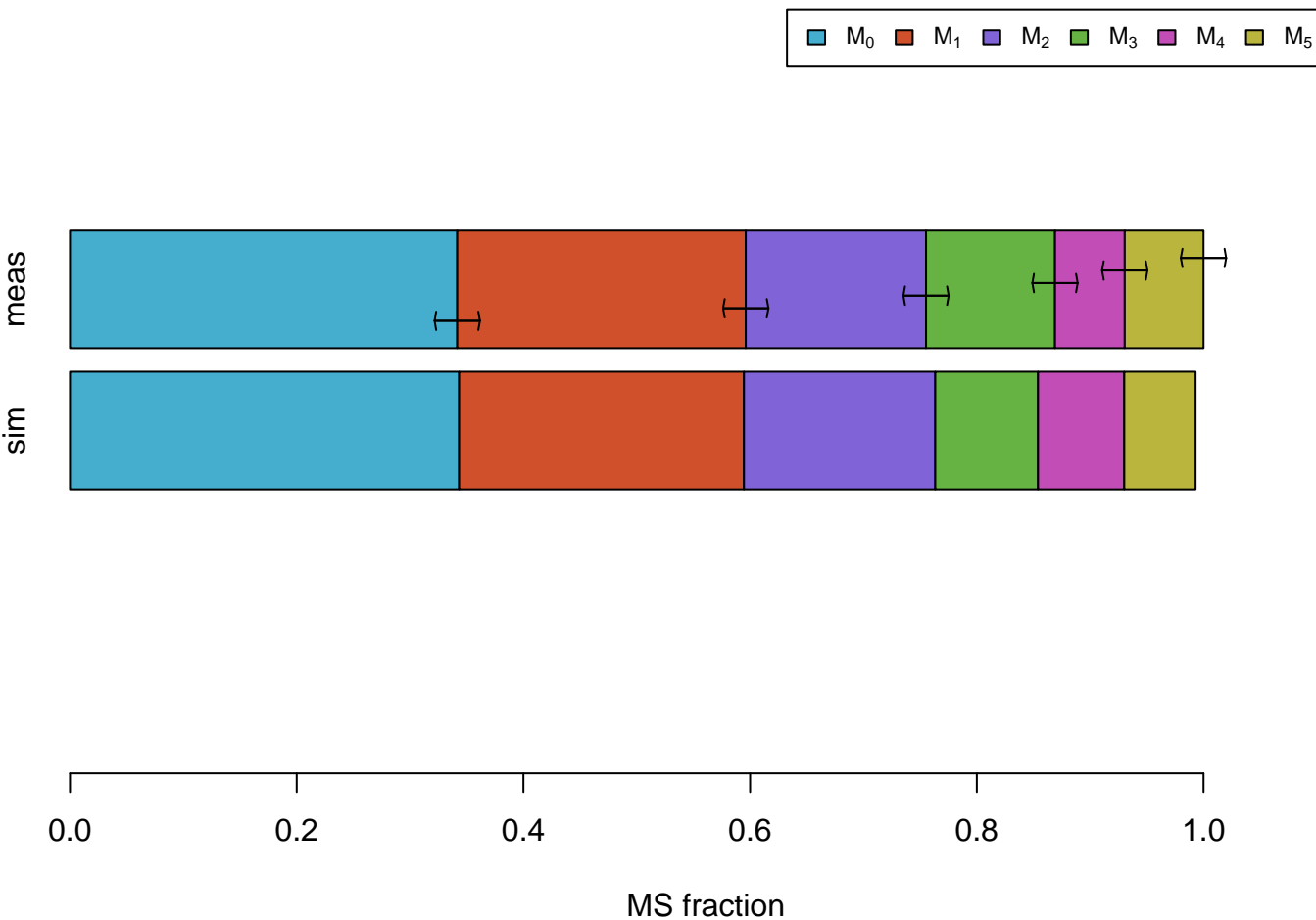
PEP



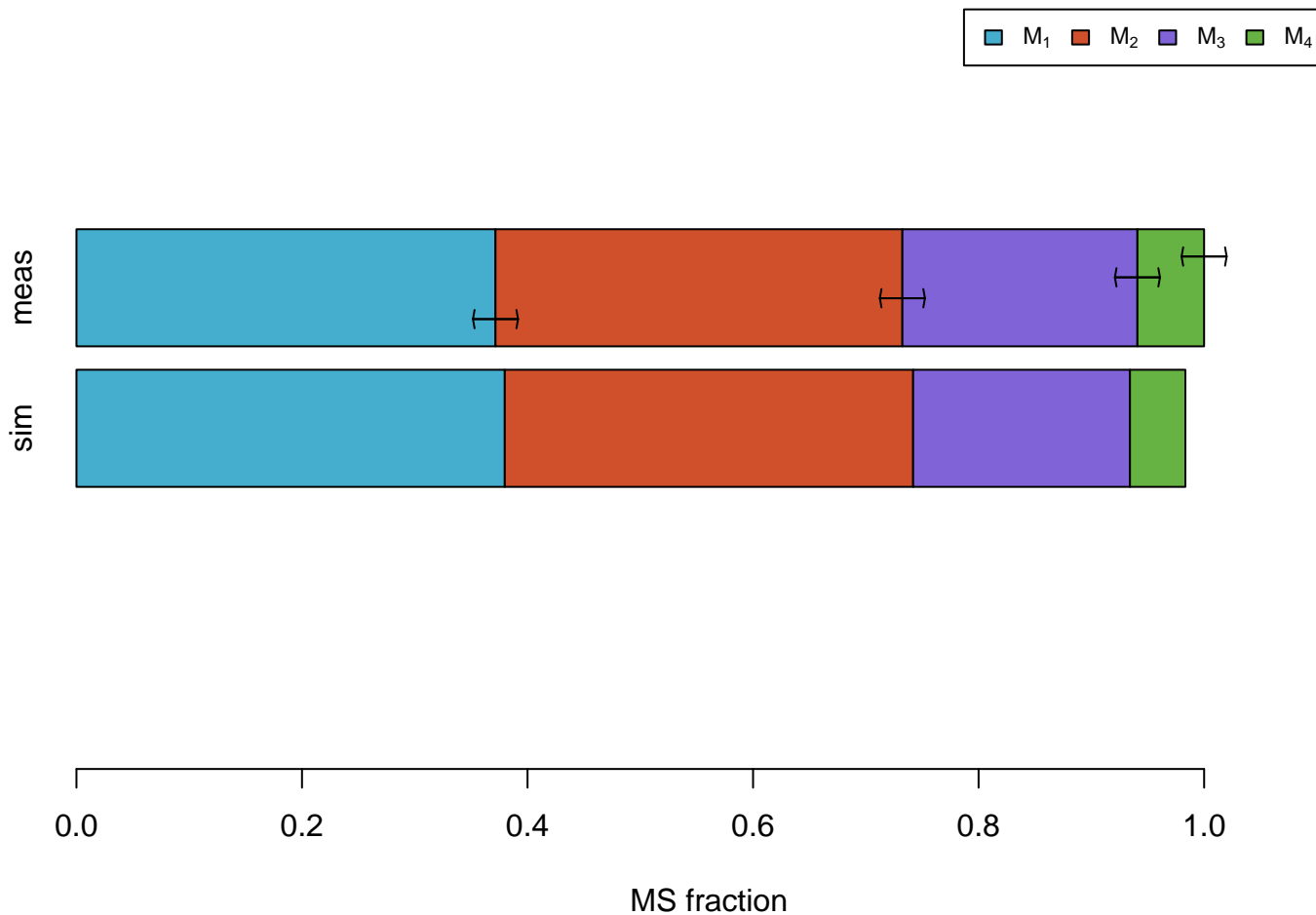
PGA



Rib5P

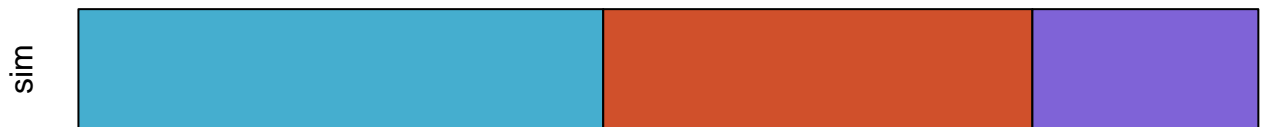


Suc



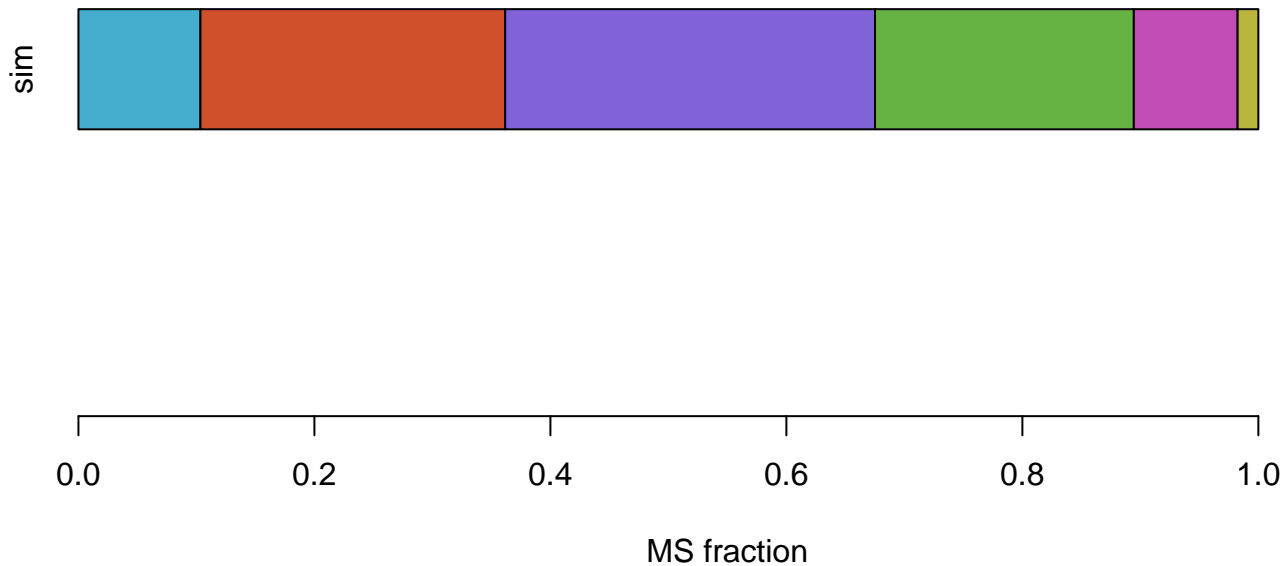
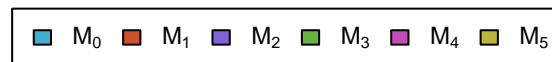
MS simulations

AcCoA



MS fraction

AKG



Ala

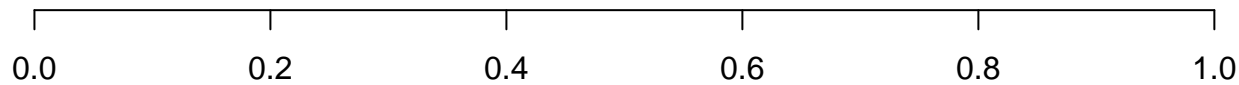
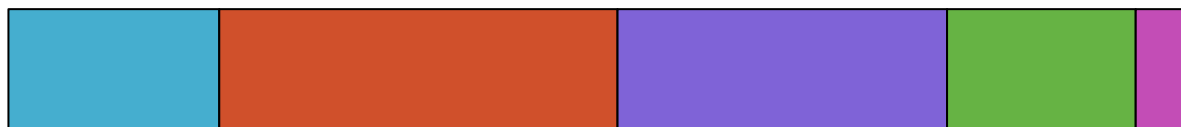


MS fraction

Asn

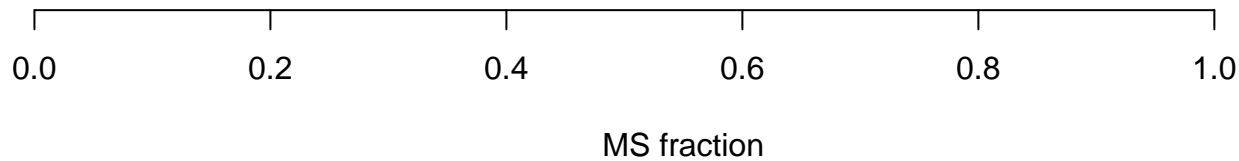


sim

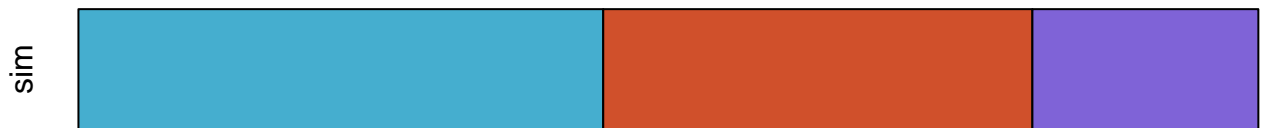


MS fraction

Asp

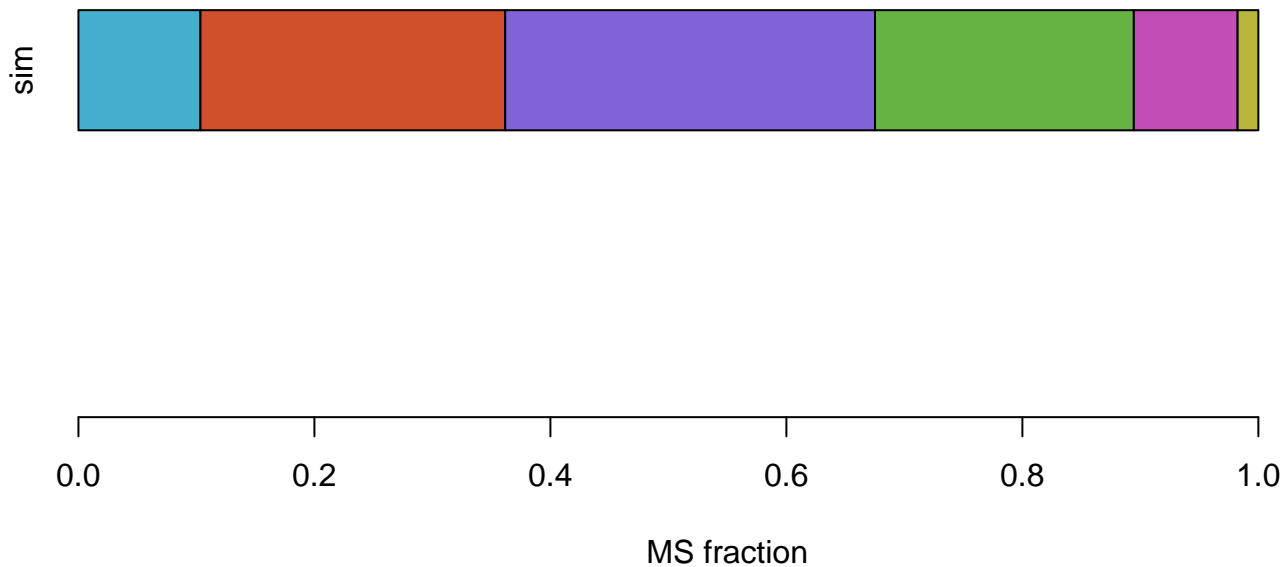
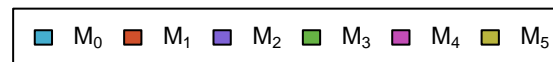


BM_AcCoA

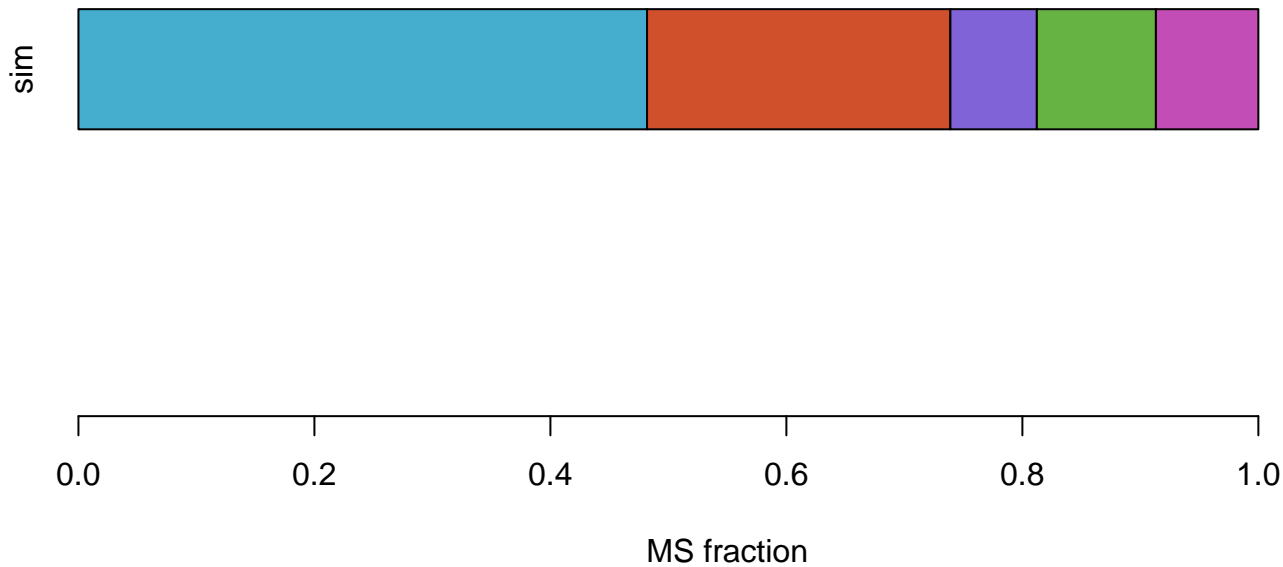


MS fraction

BM_AKG



BM_Ery4P



BM_OAA



MS fraction

BM_PEP



sim



0.0

0.2

0.4

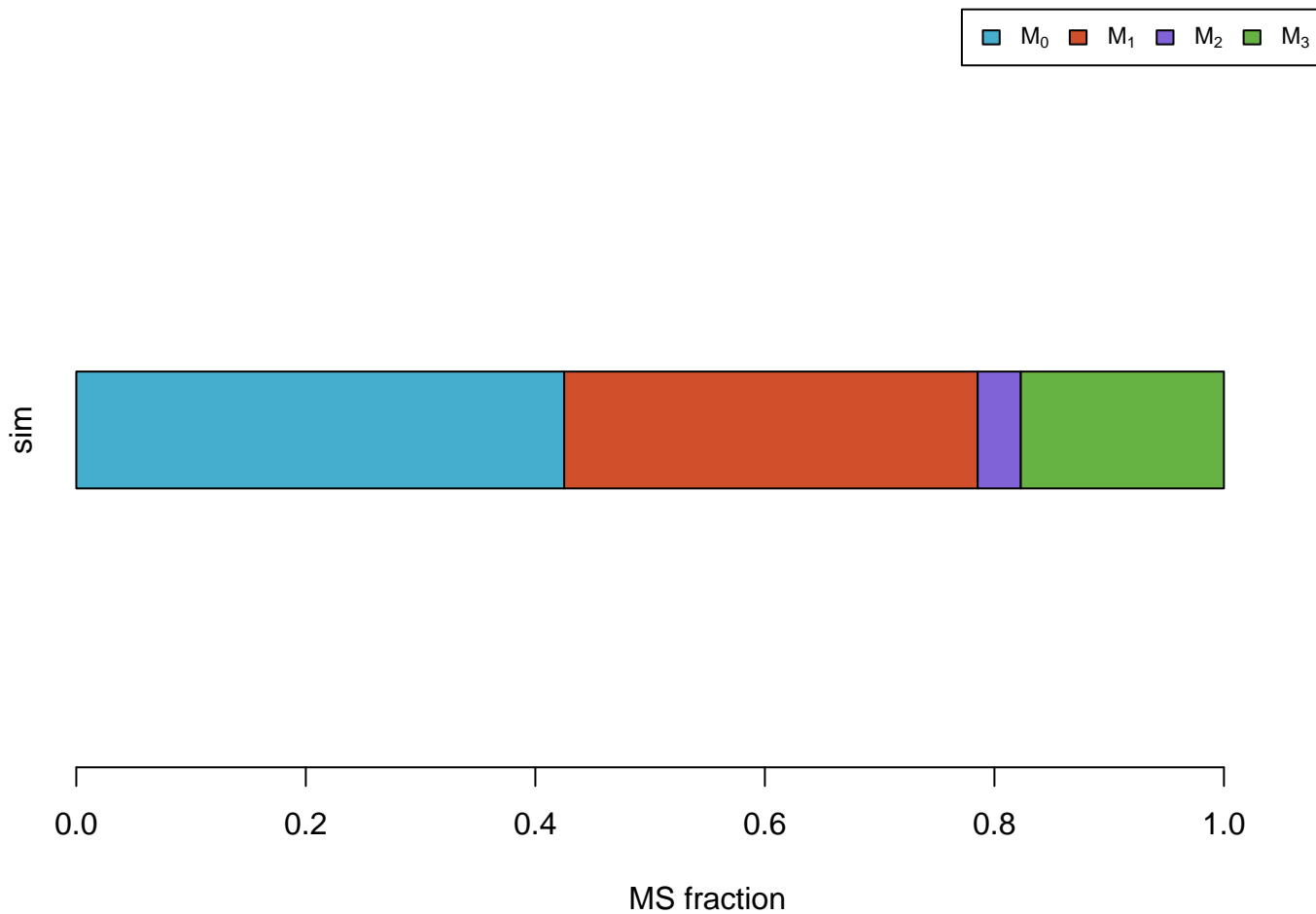
0.6

0.8

1.0

MS fraction

BM_PGA



BM_Pyr



sim



0.0

0.2

0.4

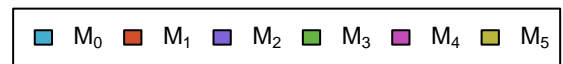
0.6

0.8

1.0

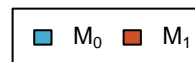
MS fraction

BM_Rib5P



MS fraction

CO2



sim



0.0

0.2

0.4

0.6

0.8

1.0

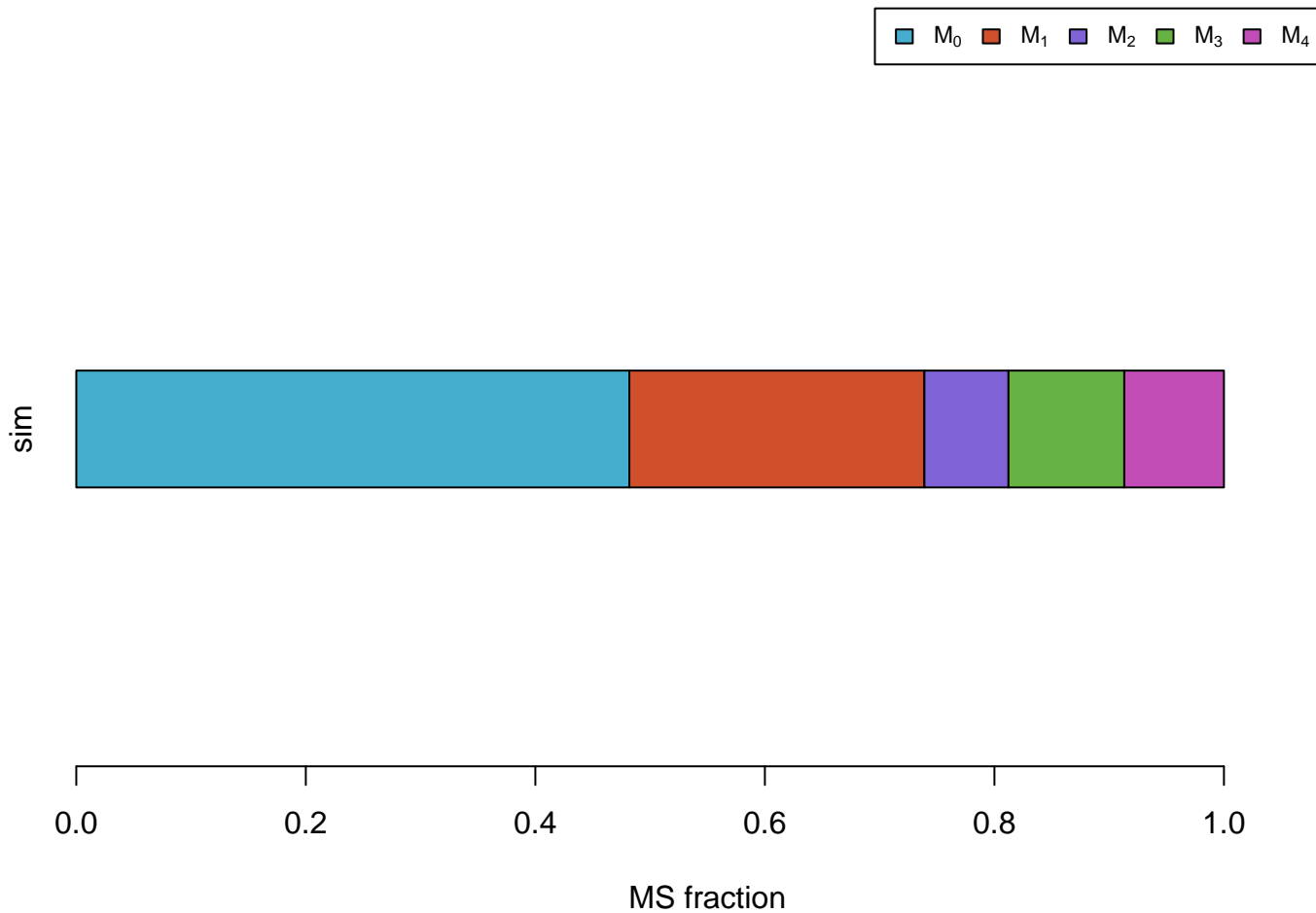
MS fraction

Cys



MS fraction

Ery4P



FTHF



sim



MS fraction

GA3P

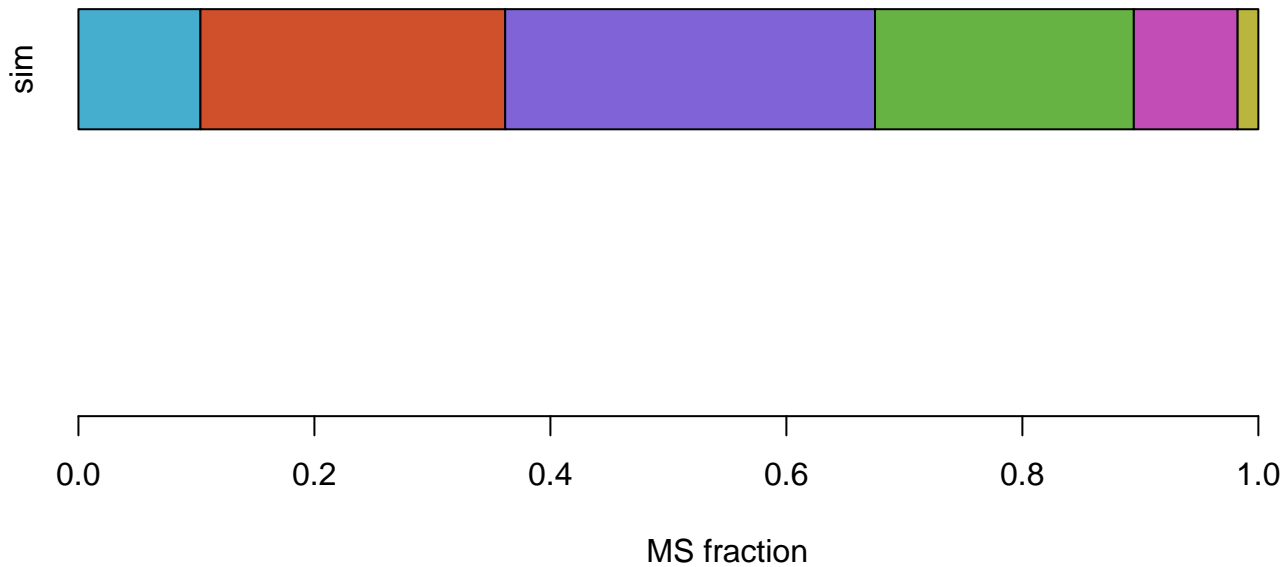
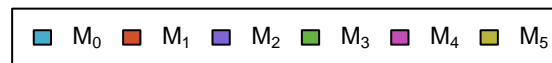


sim



MS fraction

Glu



Gly

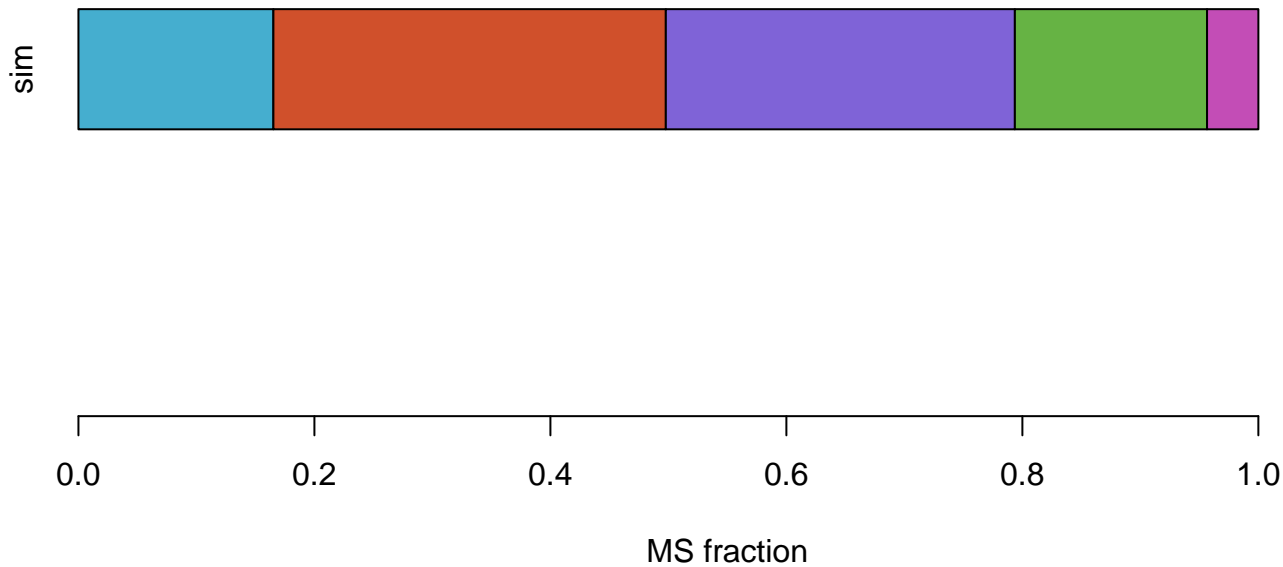


sim

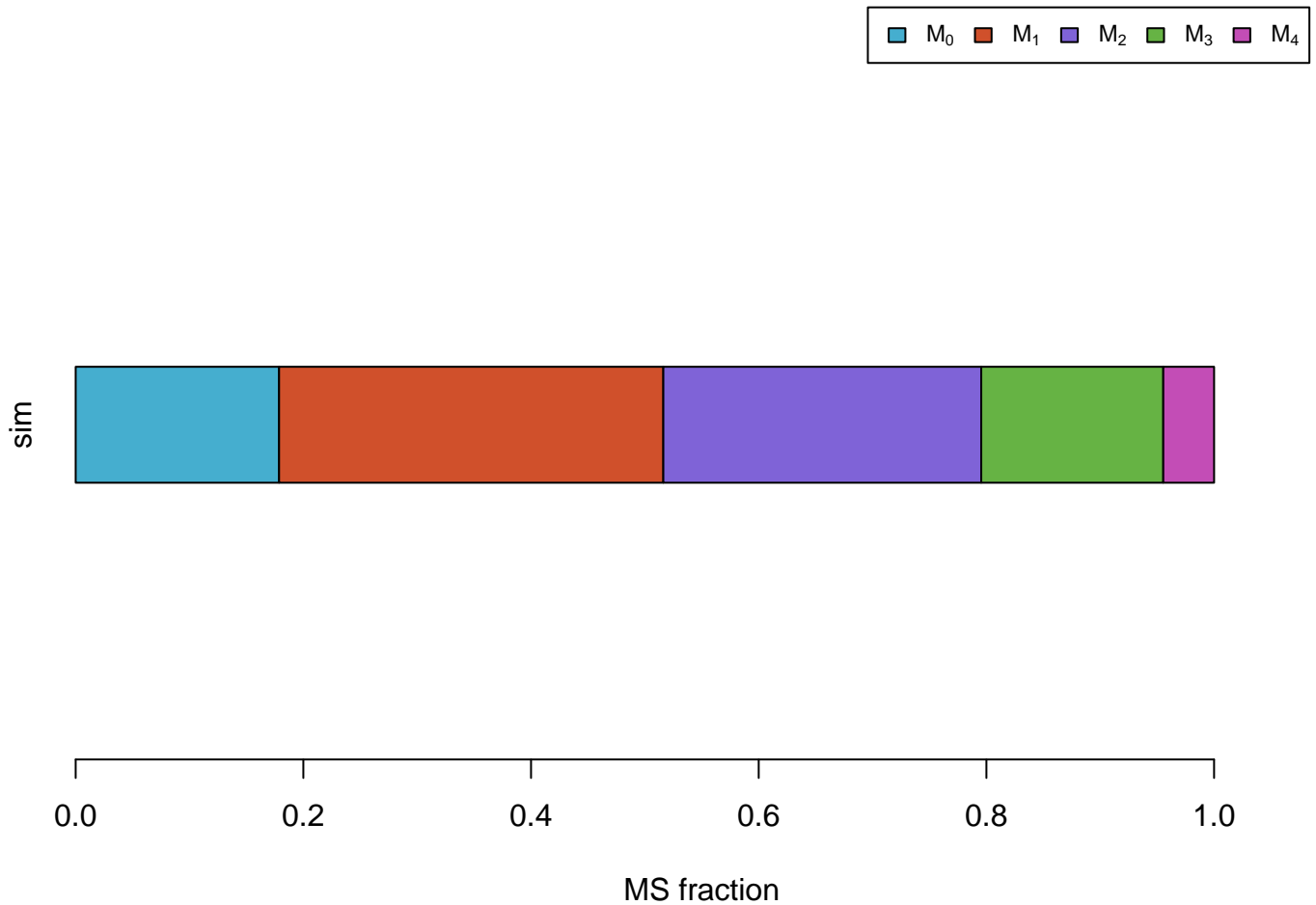


MS fraction

Mal



OAA



Pyr



sim



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

