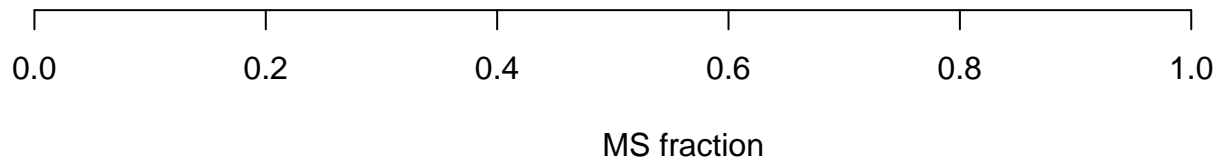
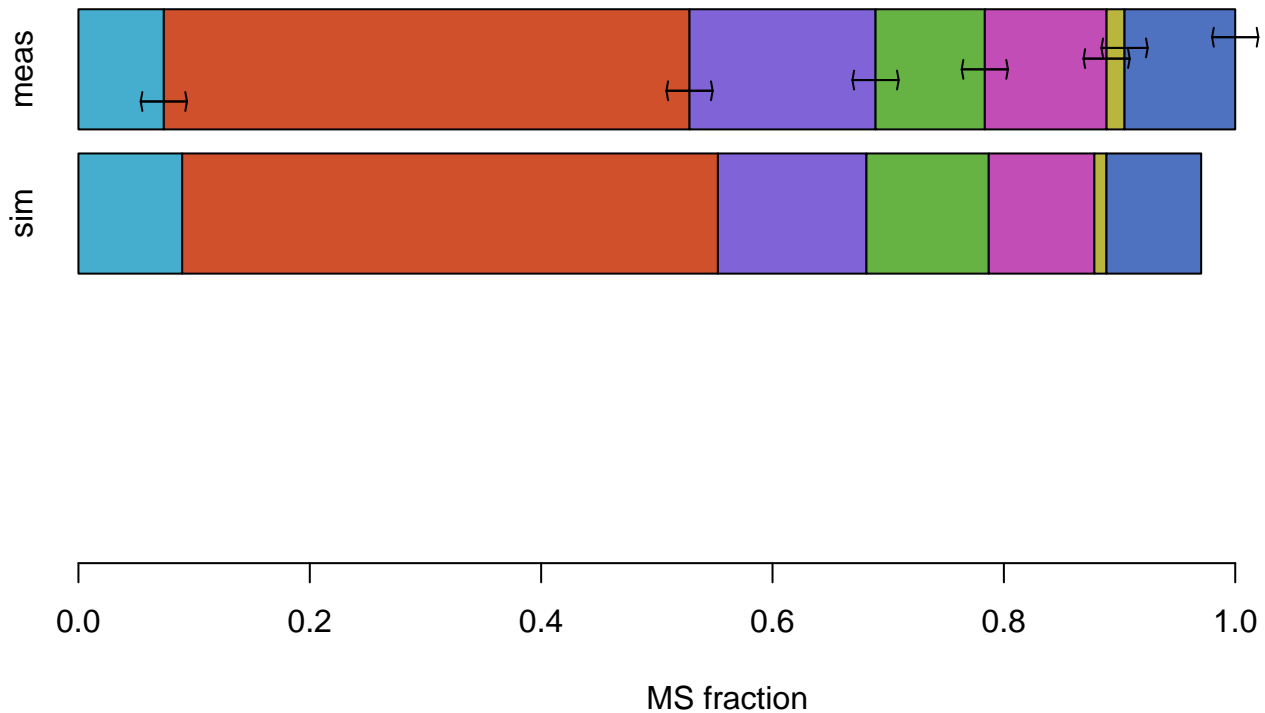


MS measurements
(error bars= $\pm 2 \cdot \text{dev}$)

Fru6P



FruBP

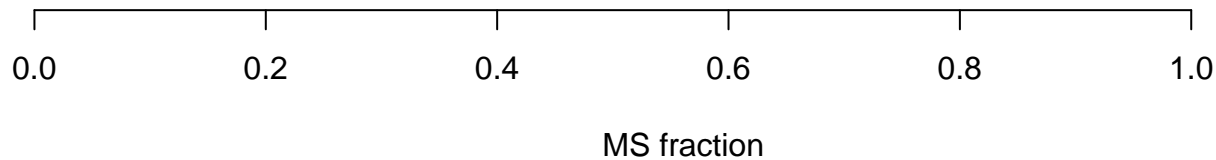


Glc6P

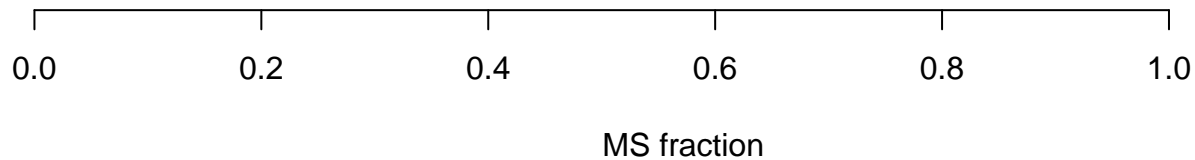
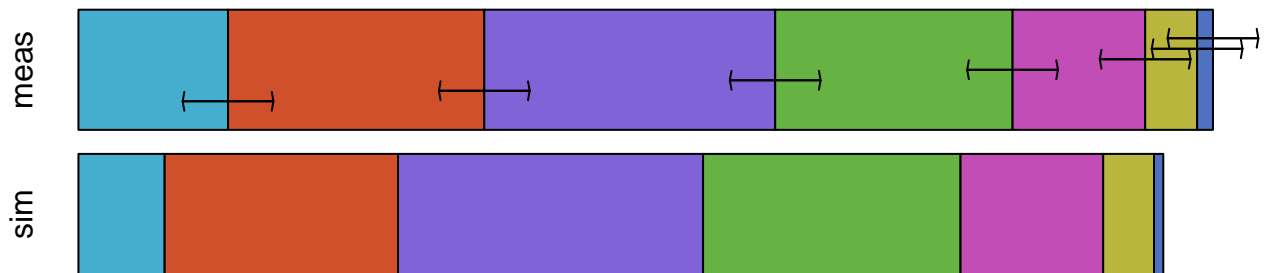


MS fraction

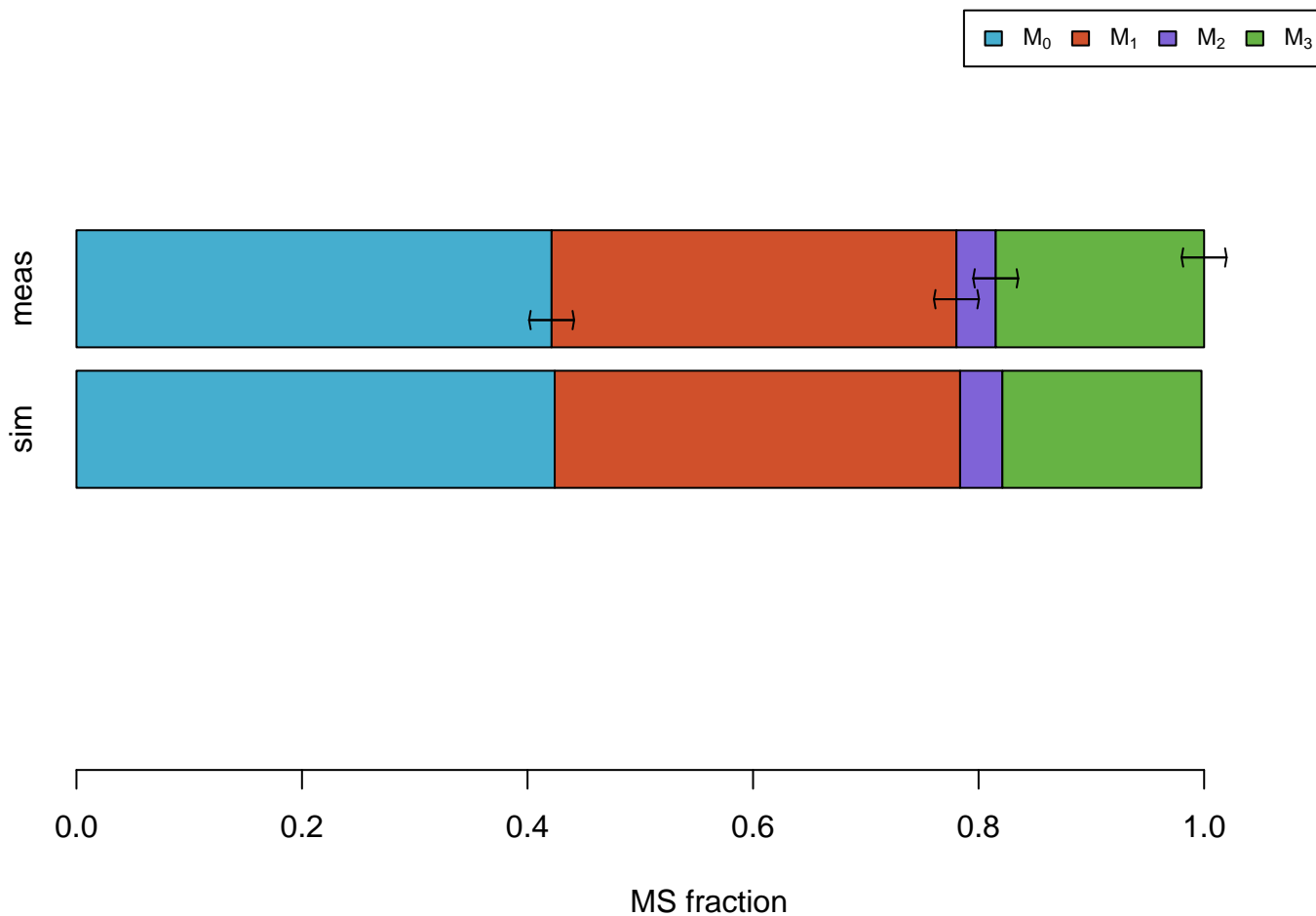
Gnt6P



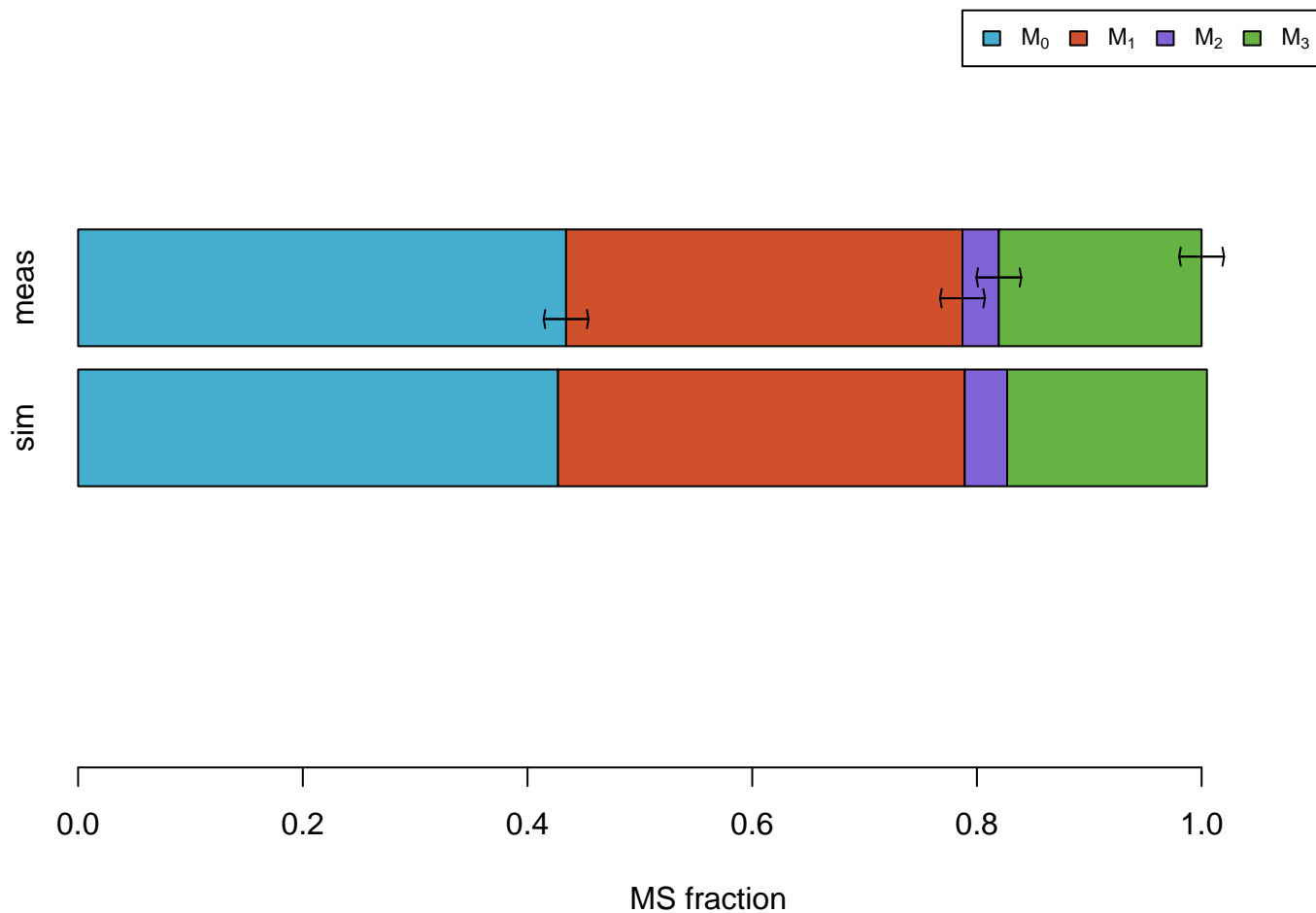
ICit



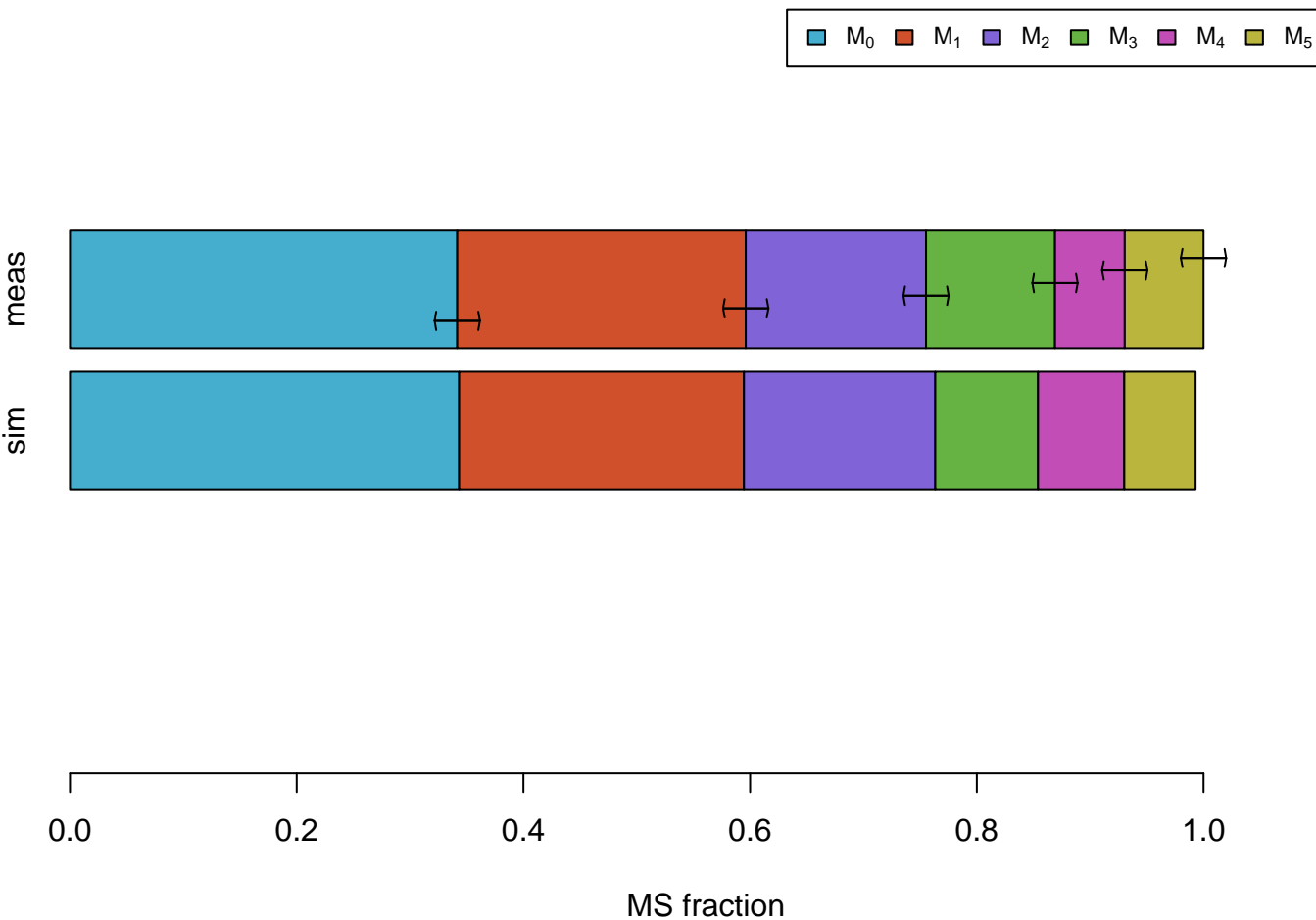
PEP



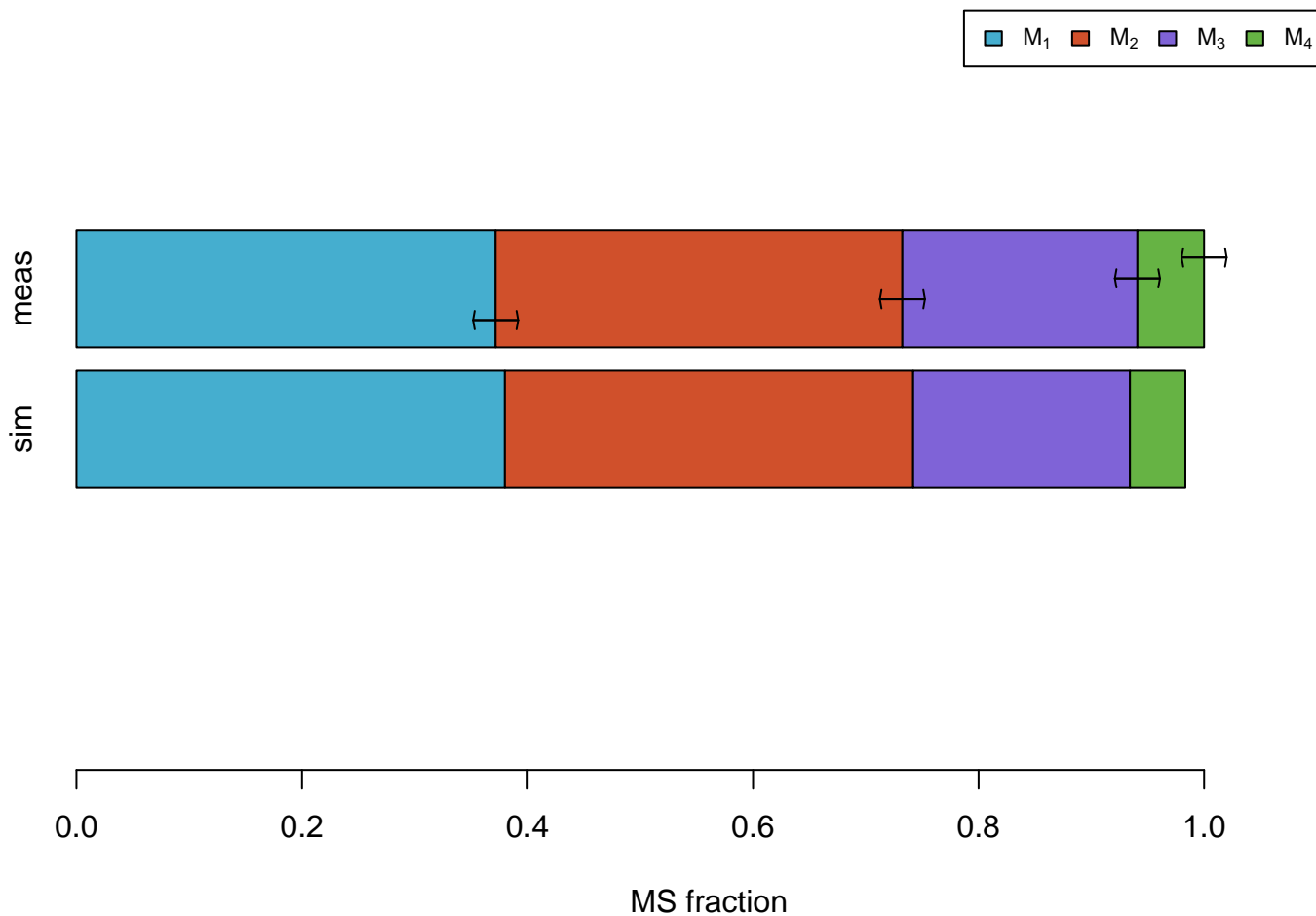
PGA



Rib5P

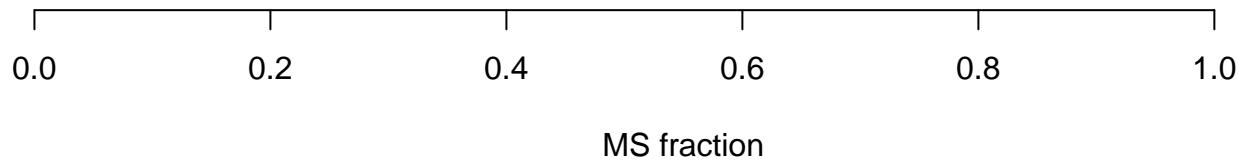


Suc

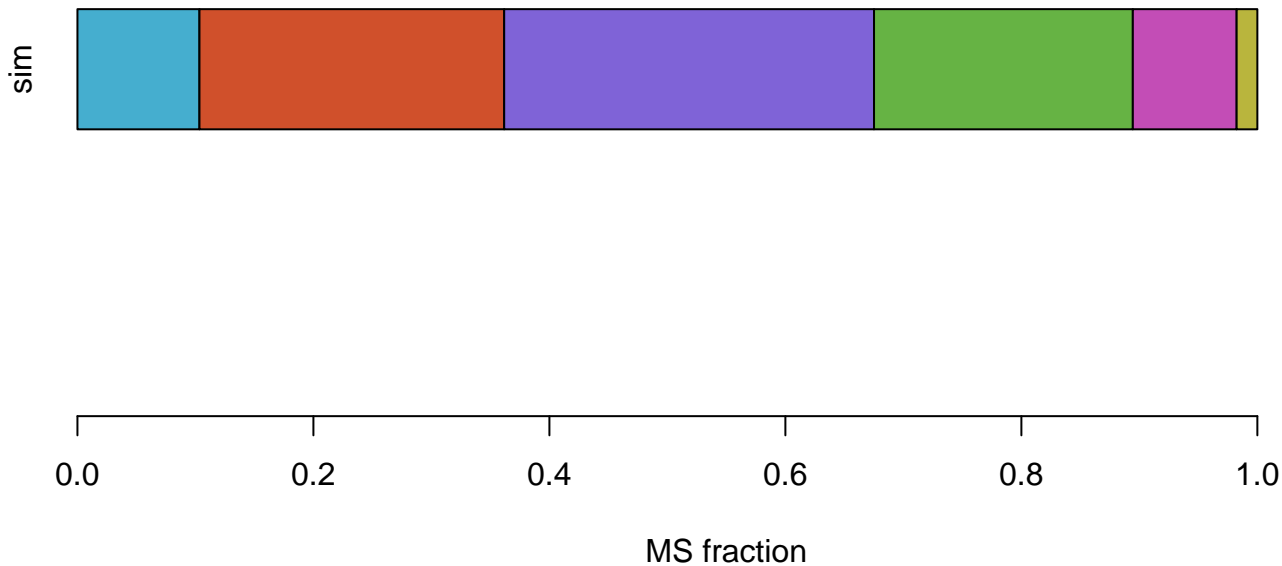
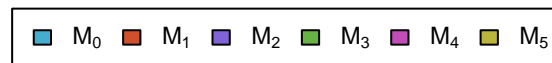


MS simulations

AcCoA



AKG



Ala

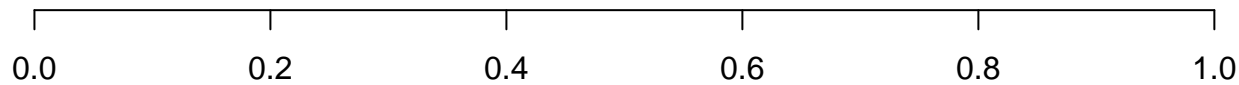
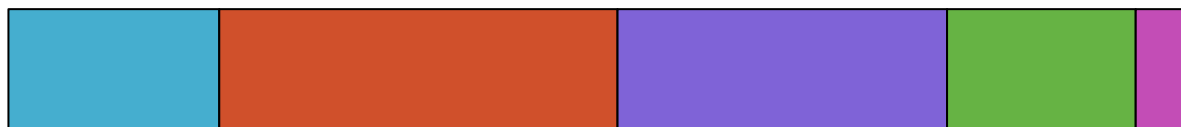


MS fraction

Asn

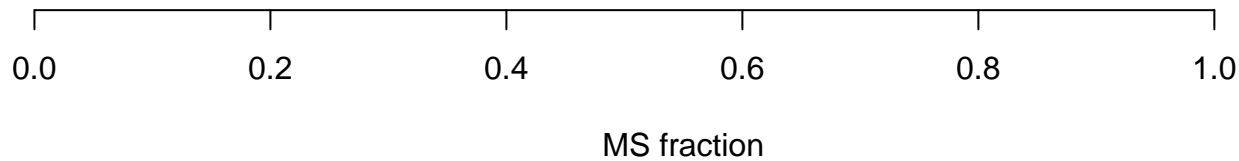


sim

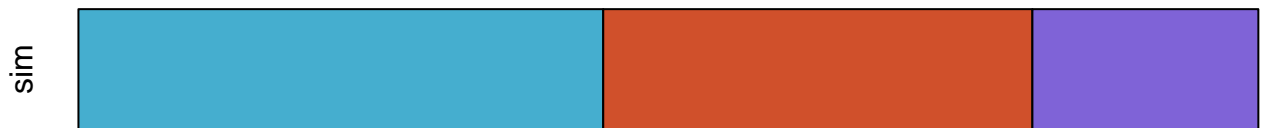


MS fraction

Asp

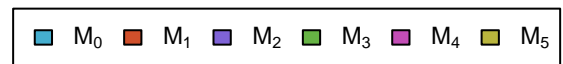


BM_AcCoA



MS fraction

BM_AKG



sim



0.0

0.2

0.4

0.6

0.8

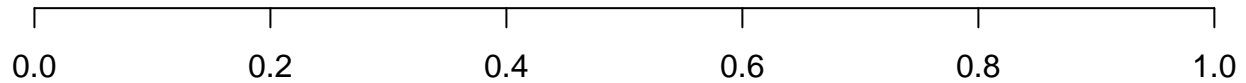
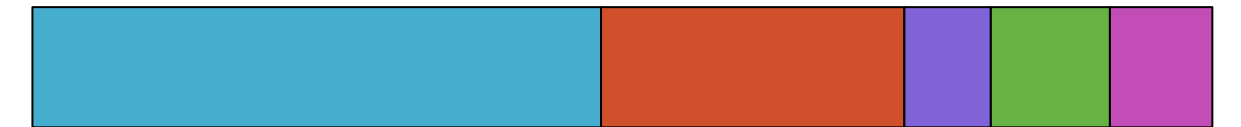
1.0

MS fraction

BM_Ery4P



sim



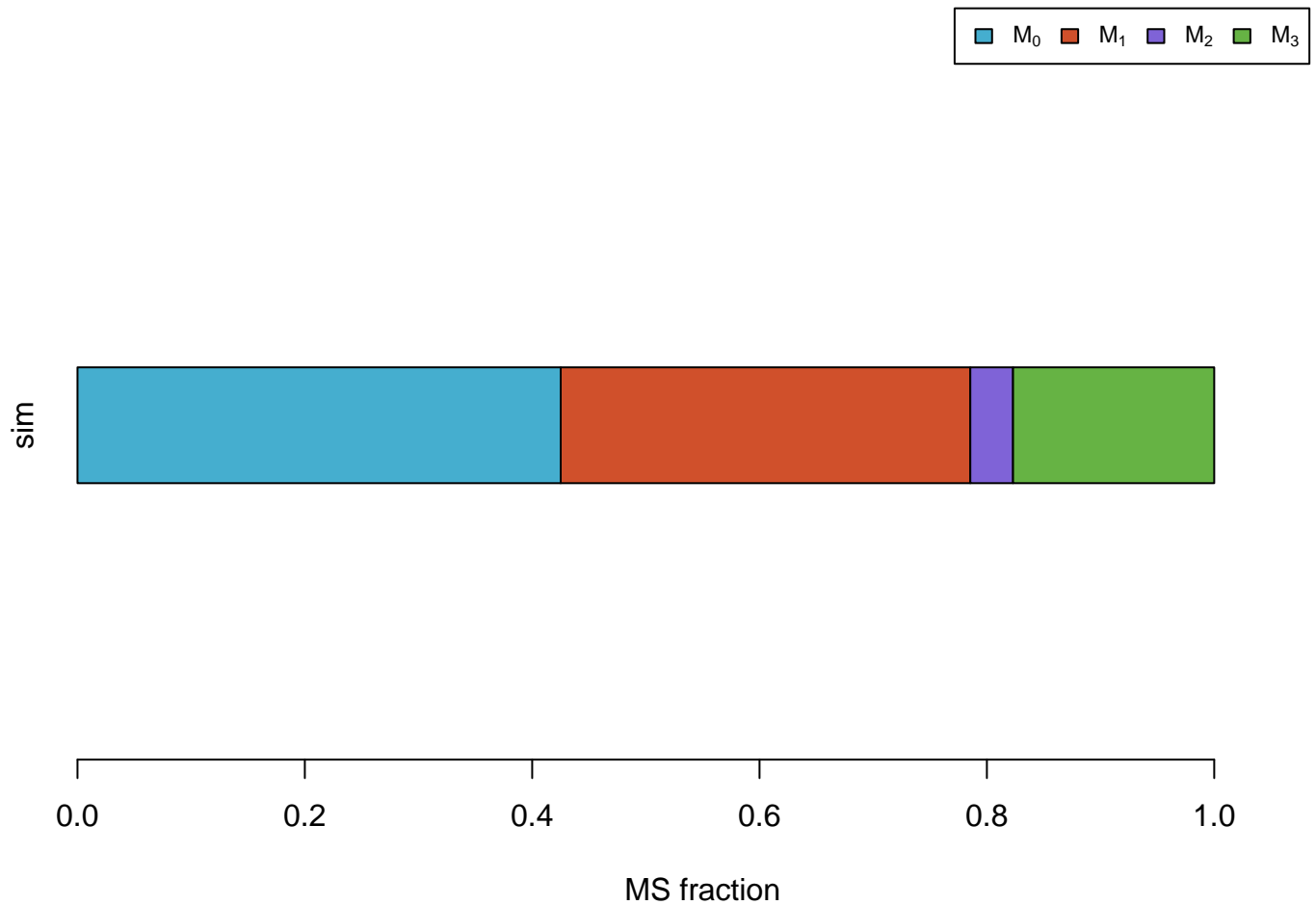
MS fraction

BM_OAA

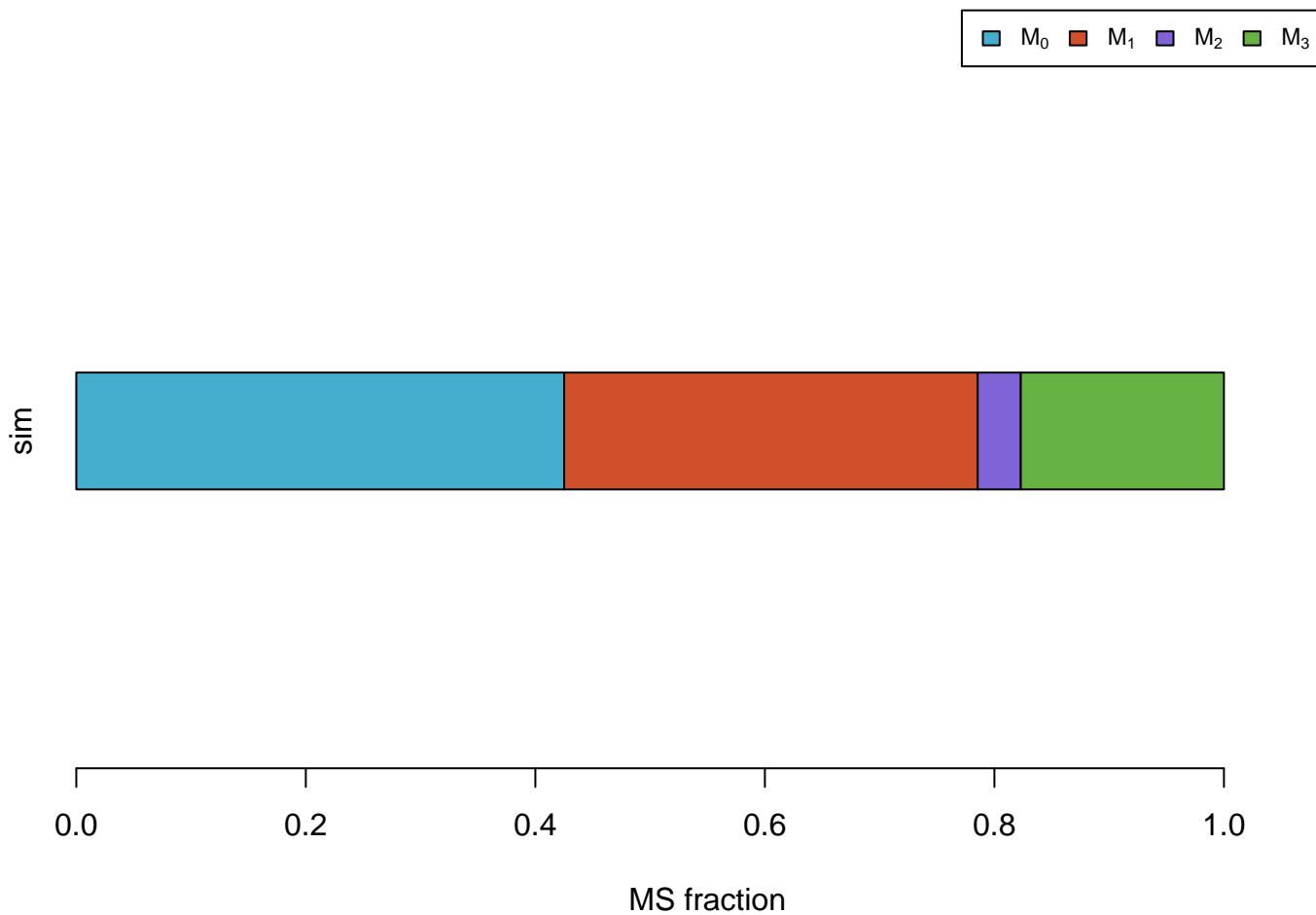


MS fraction

BM_PEP



BM_PGA



BM_Pyr



sim



0.0

0.2

0.4

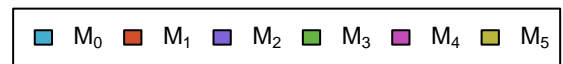
0.6

0.8

1.0

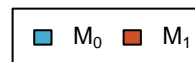
MS fraction

BM_Rib5P



MS fraction

CO2



sim



MS fraction

Cys



MS fraction

Ery4P



MS fraction

FTHF



sim



MS fraction

GA3P

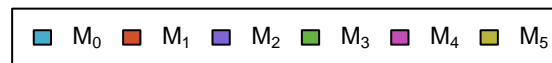


sim



MS fraction

Glu



sim



MS fraction

Gly

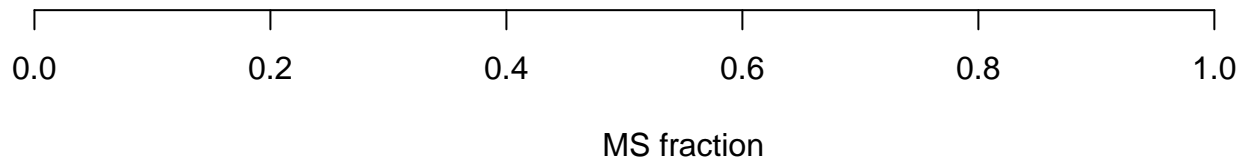
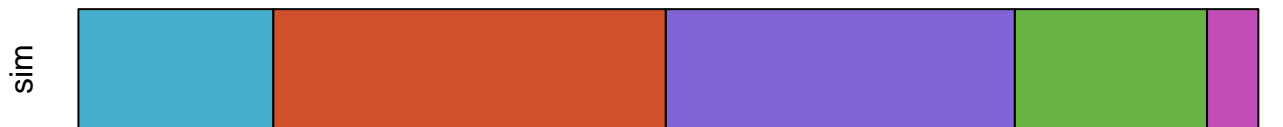


sim

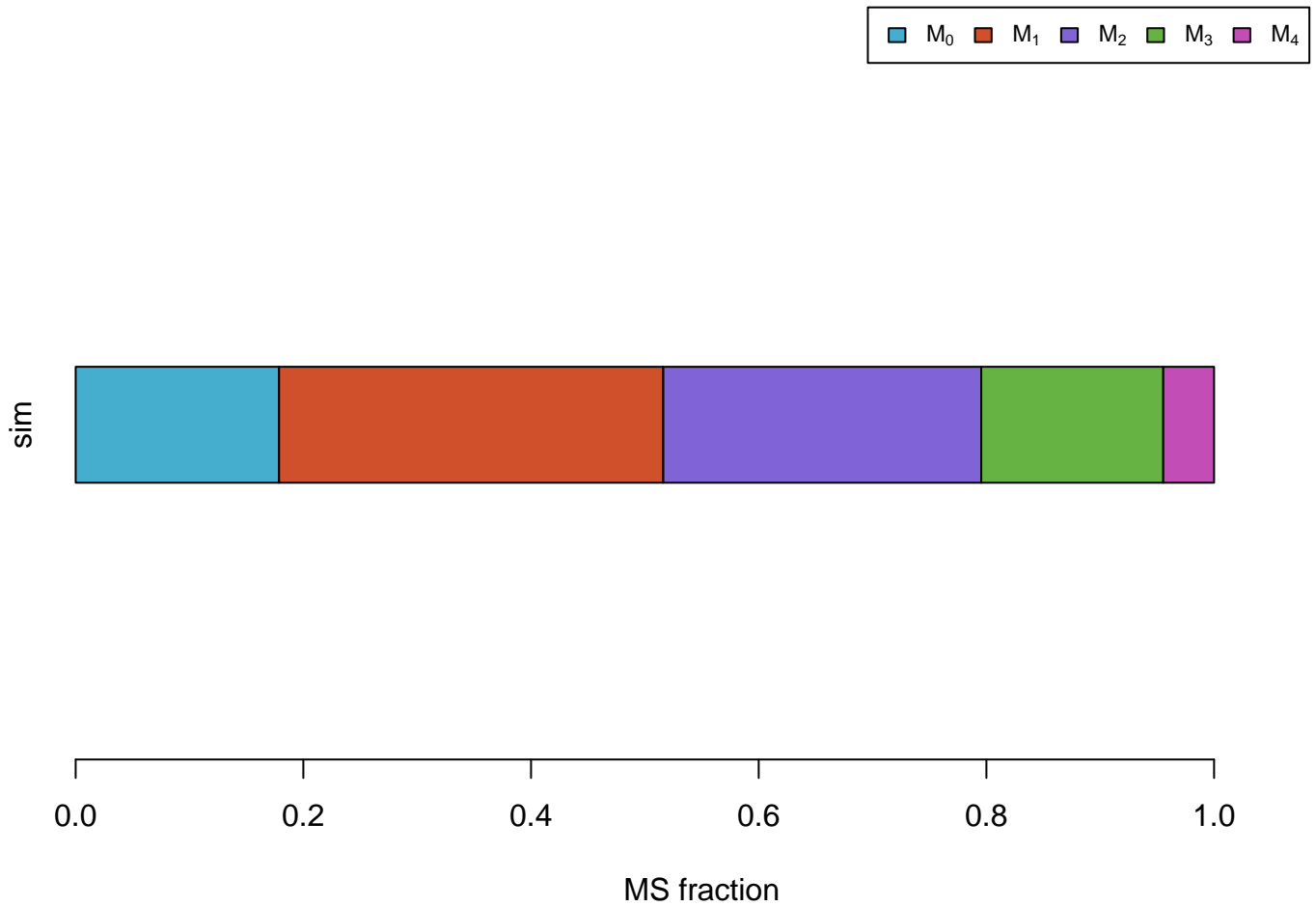


MS fraction

Mal



OAA



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

