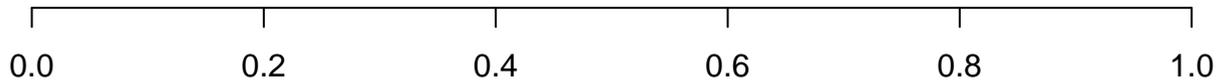
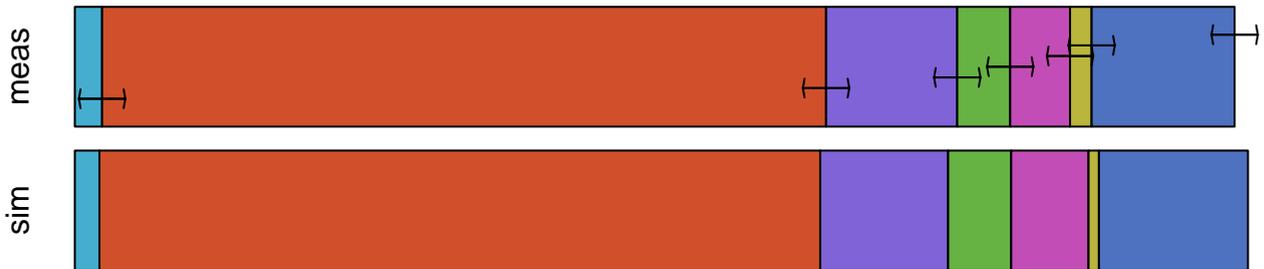


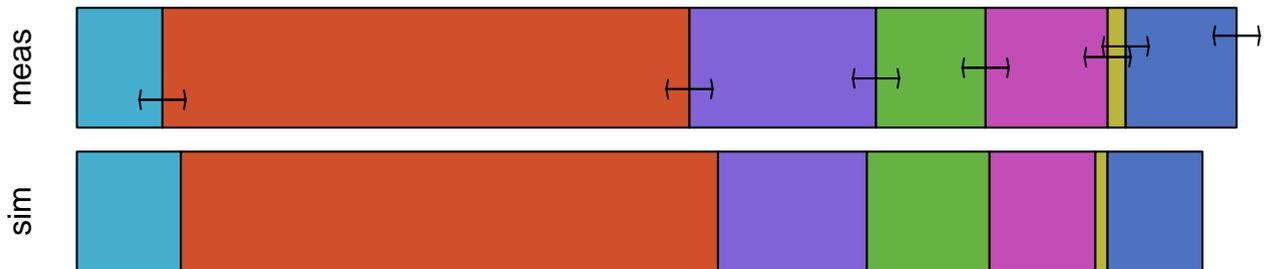
MS measurements
(error bars= $\pm 2 \cdot \text{dev}$)

Fru6P



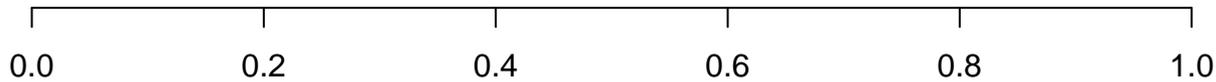
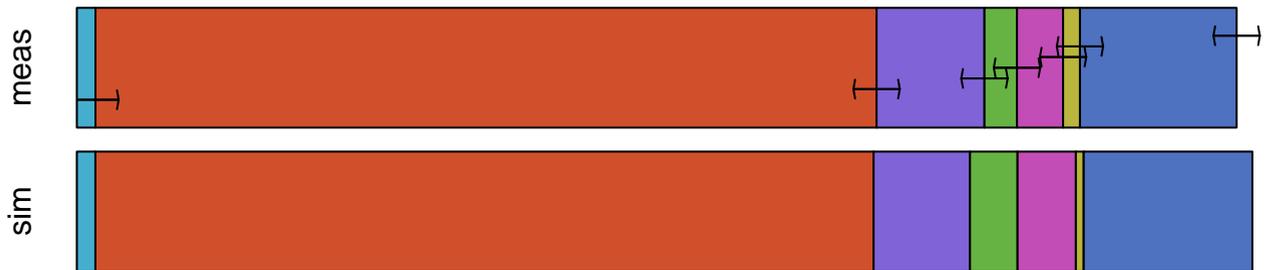
MS fraction

FruBP



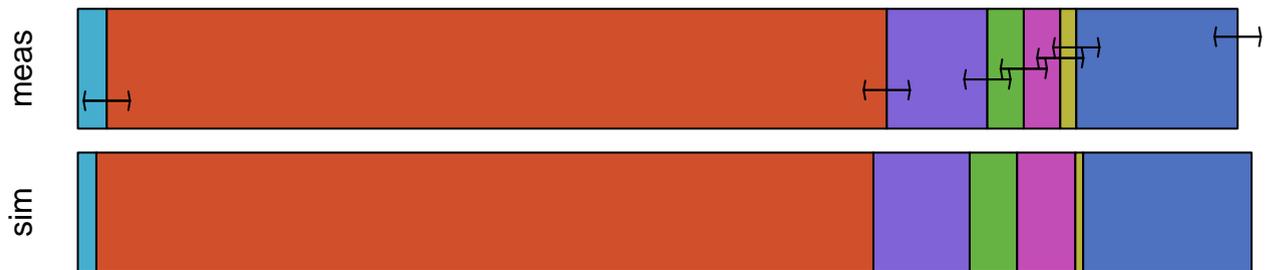
MS fraction

Glc6P



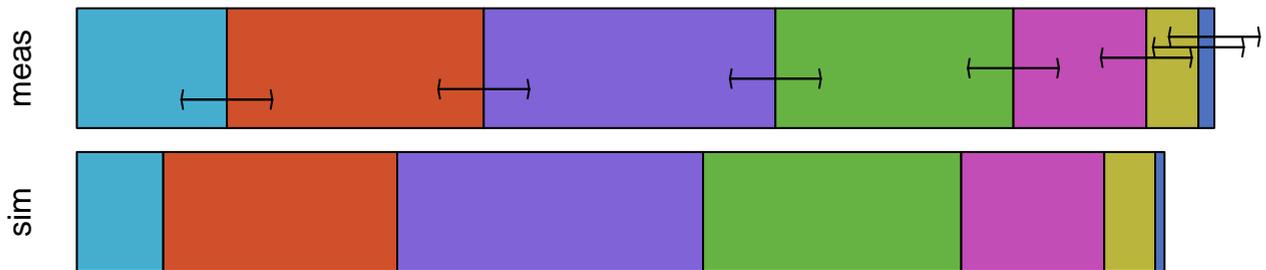
MS fraction

Gnt6P



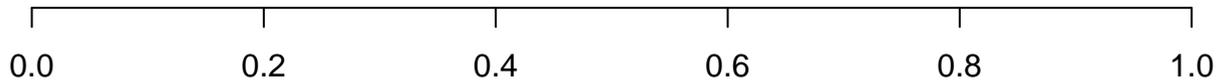
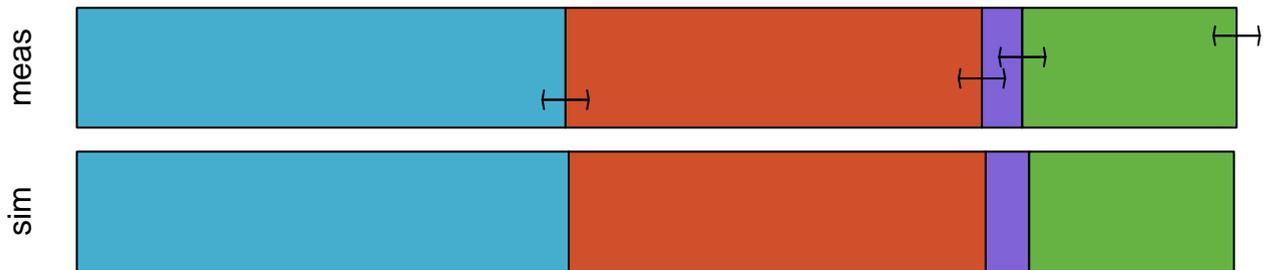
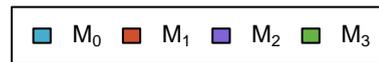
MS fraction

ICit



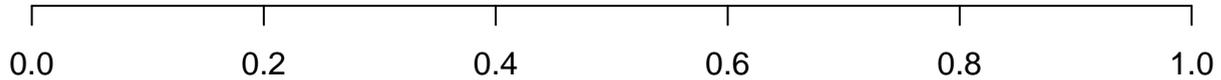
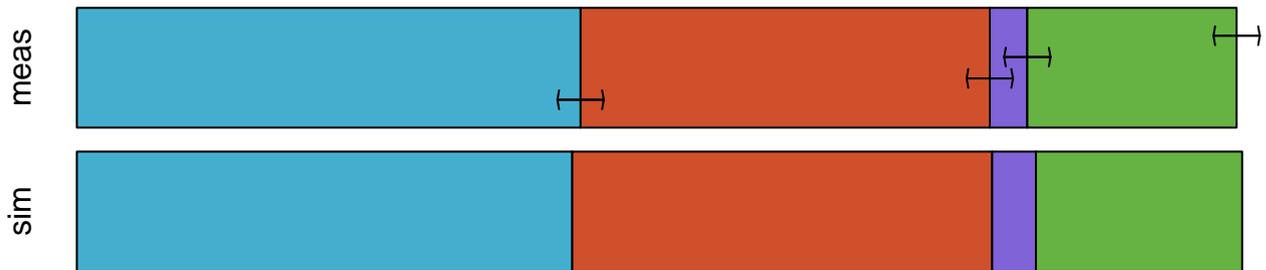
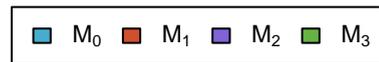
MS fraction

PEP



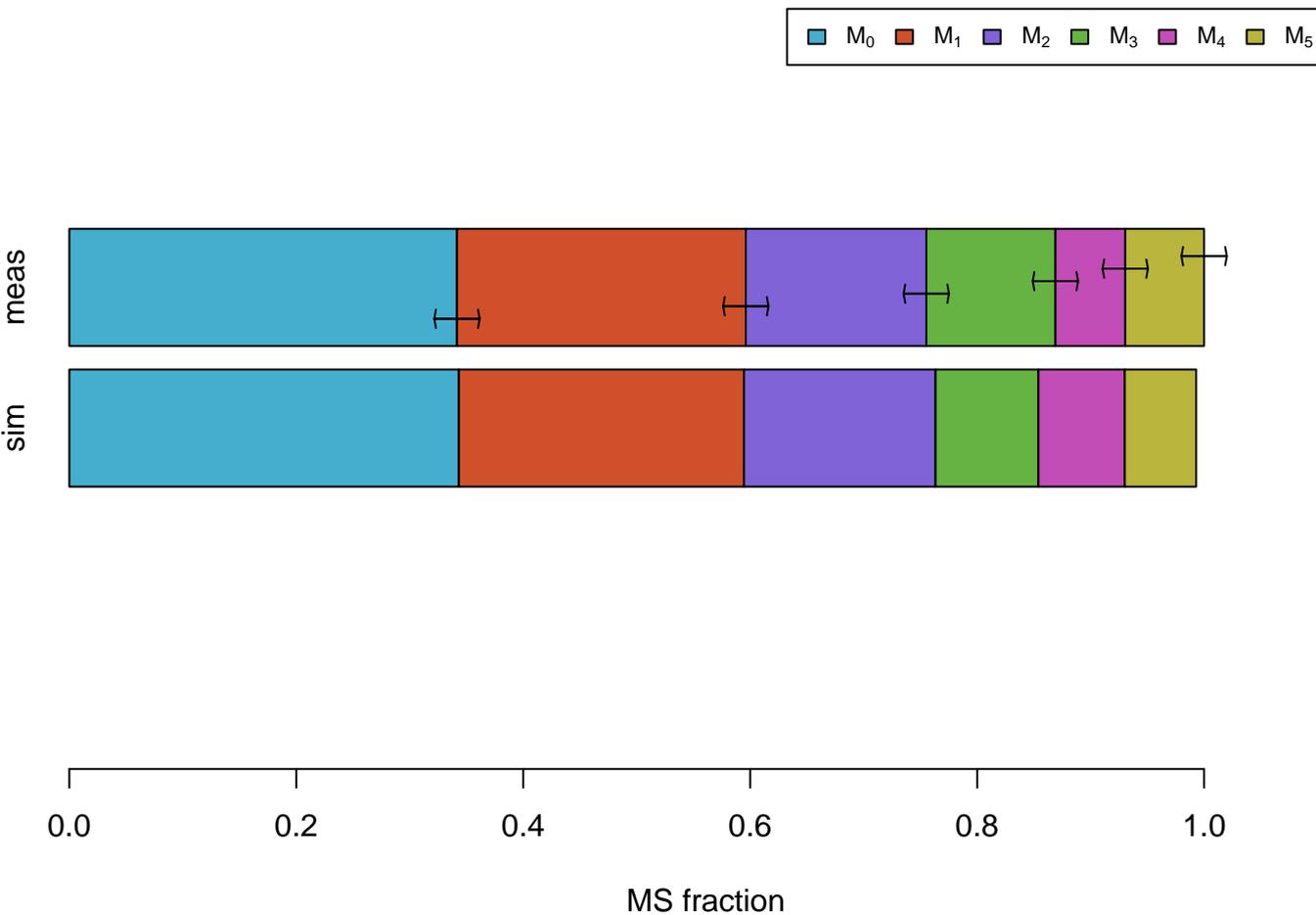
MS fraction

PGA

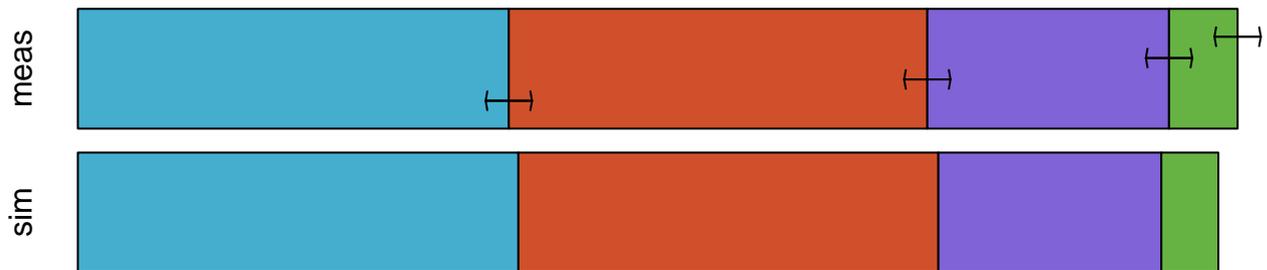
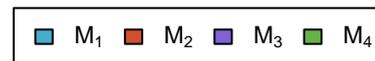


MS fraction

Rib5P



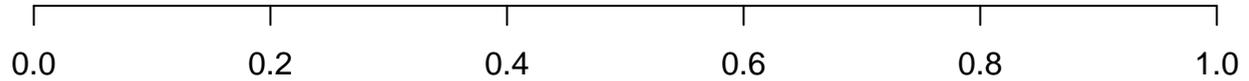
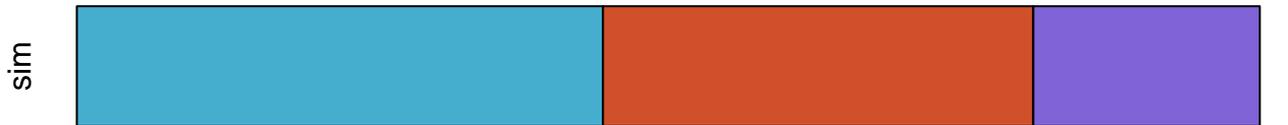
Suc



MS fraction

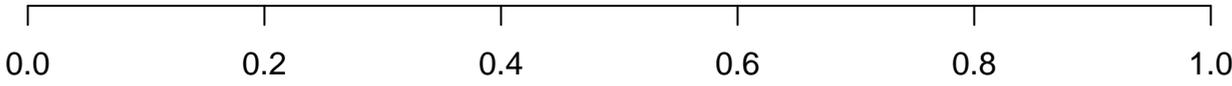
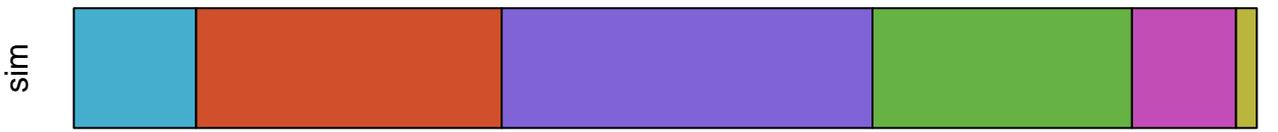
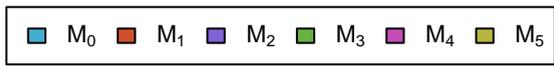
MS simulations

AcCoA



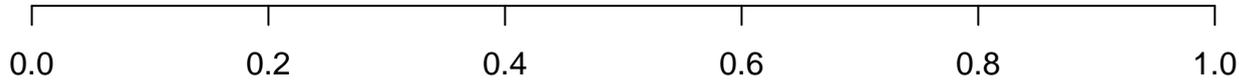
MS fraction

AKG



MS fraction

Ala



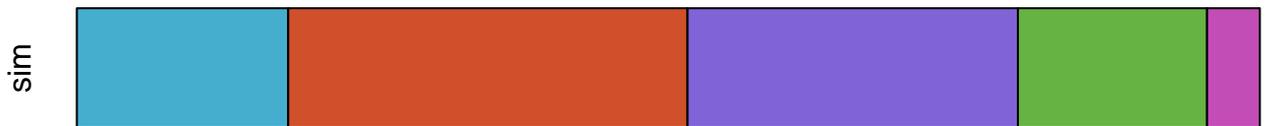
MS fraction

Asn



MS fraction

Asp



MS fraction

BM_AcCoA



0.0

0.2

0.4

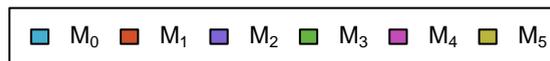
0.6

0.8

1.0

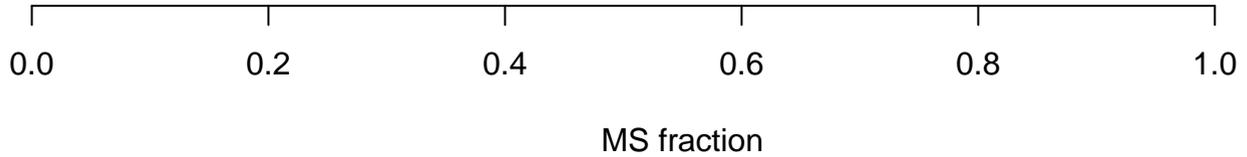
MS fraction

BM_AKG

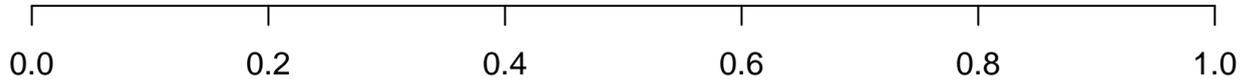


MS fraction

BM_Ery4P



BM_OAA



MS fraction

BM_PEP



MS fraction

BM_PGA



0.0

0.2

0.4

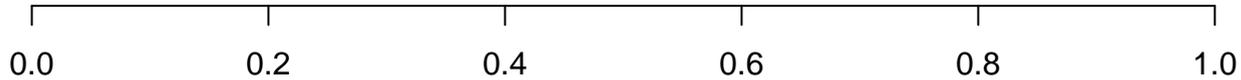
0.6

0.8

1.0

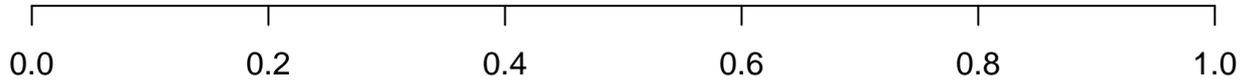
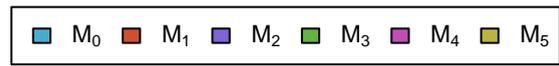
MS fraction

BM_Pyr



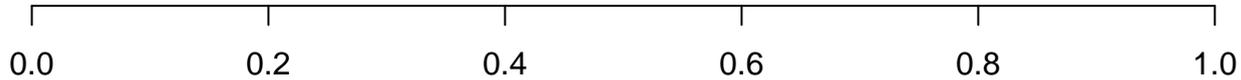
MS fraction

BM_Rib5P



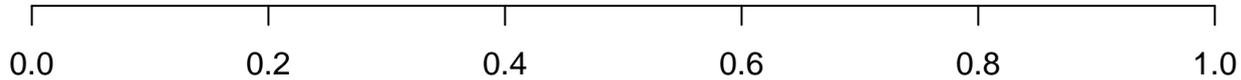
MS fraction

CO2



MS fraction

Cys



MS fraction

Ery4P



sim



0.0

0.2

0.4

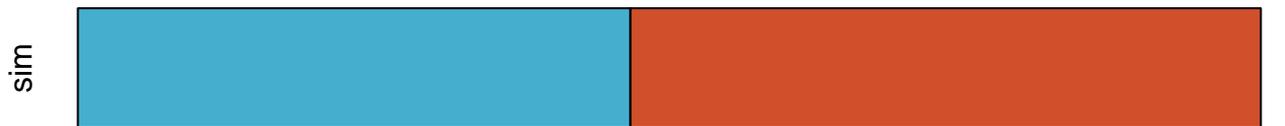
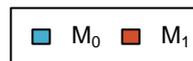
0.6

0.8

1.0

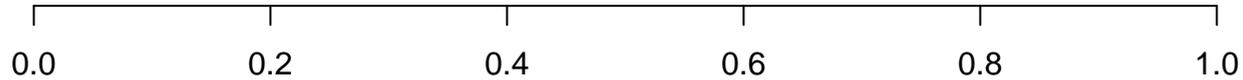
MS fraction

FTHF



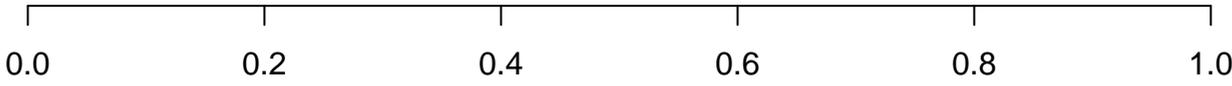
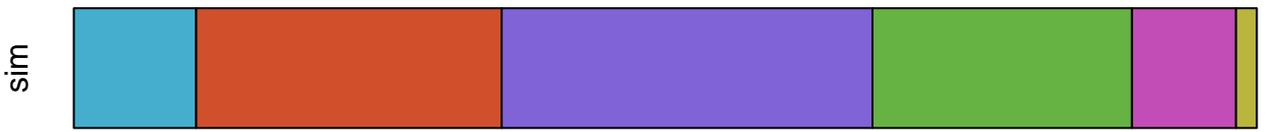
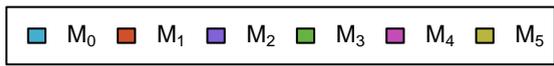
MS fraction

GA3P



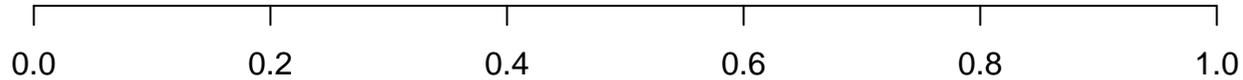
MS fraction

Glu



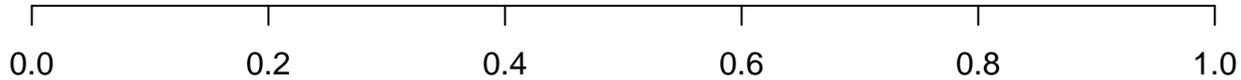
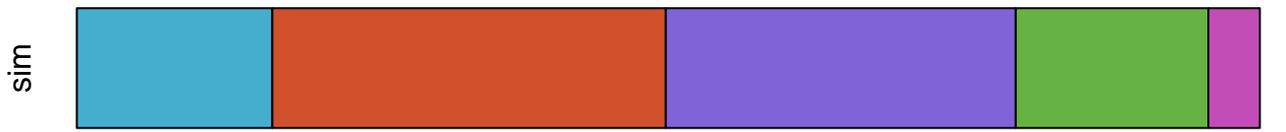
MS fraction

Gly



MS fraction

Mal



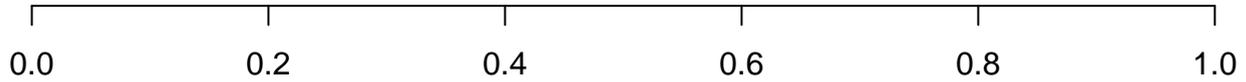
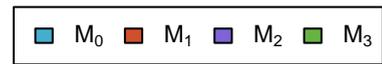
MS fraction

OAA



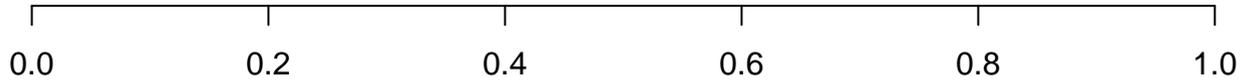
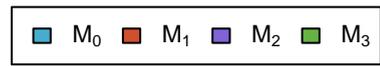
MS fraction

Pyr



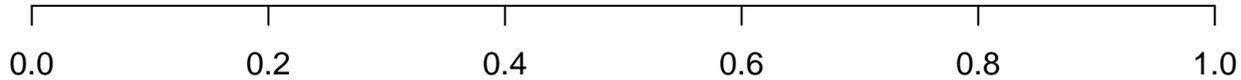
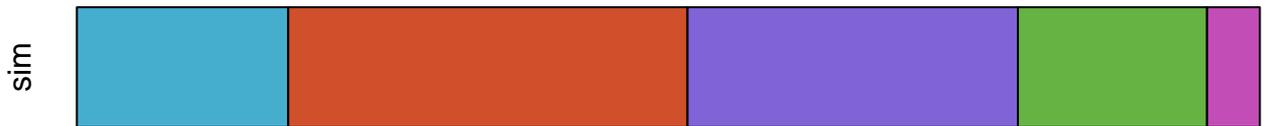
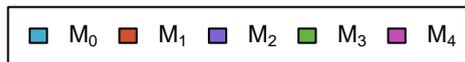
MS fraction

Ser



MS fraction

Thr



MS fraction

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

out_Ac



0.00

0.05

0.10

0.15

0.20

Flux value