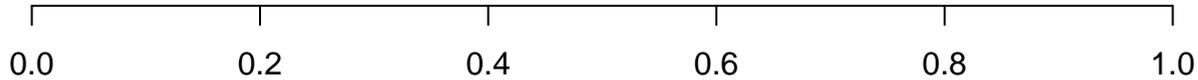
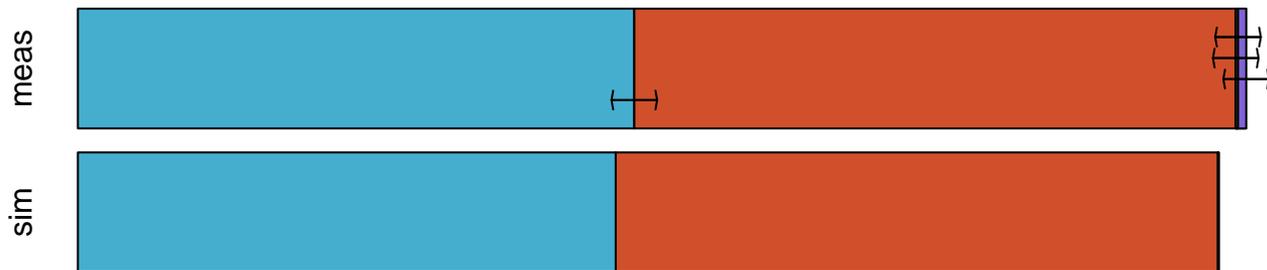


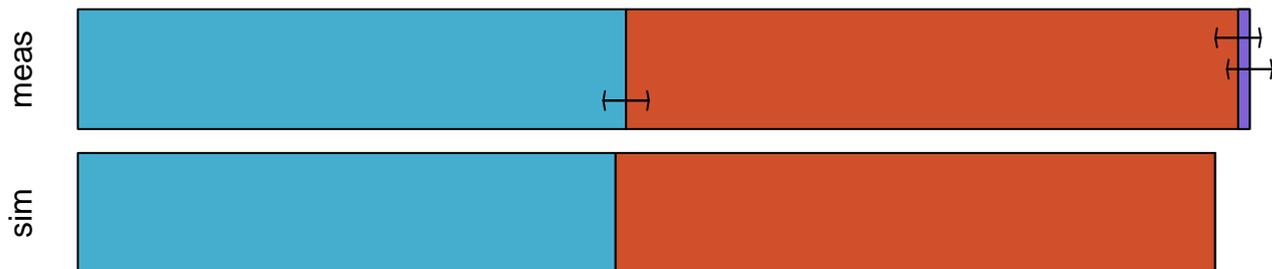
MS measurements
(error bars= $\pm 2 \cdot \text{dev}$)

Ala



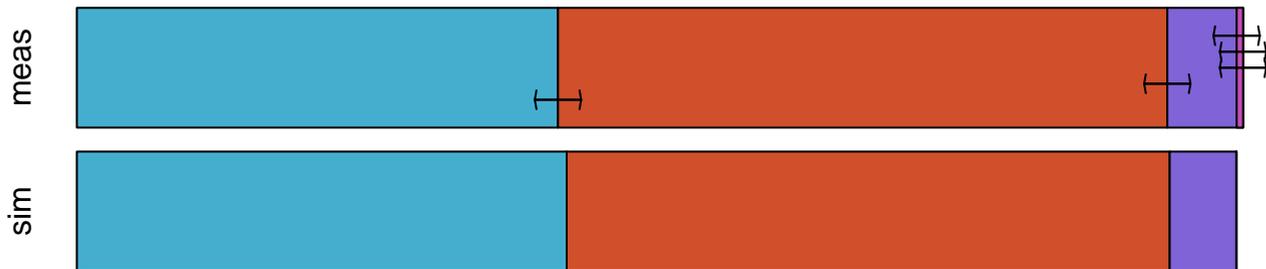
MS fraction

Ala #011



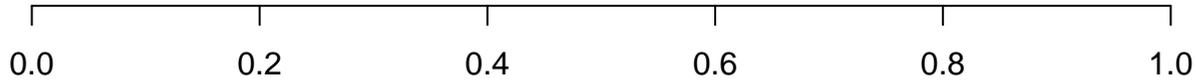
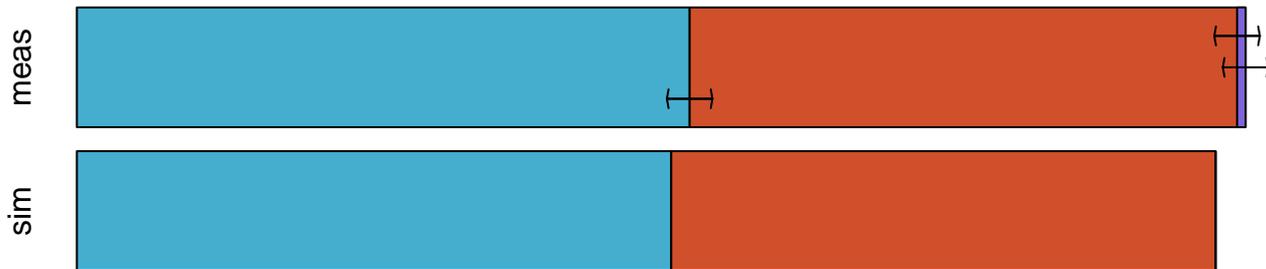
MS fraction

Asp



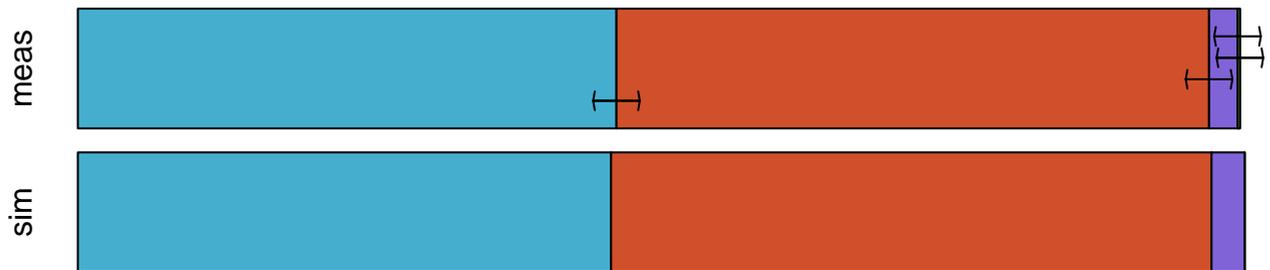
MS fraction

Asp #1100



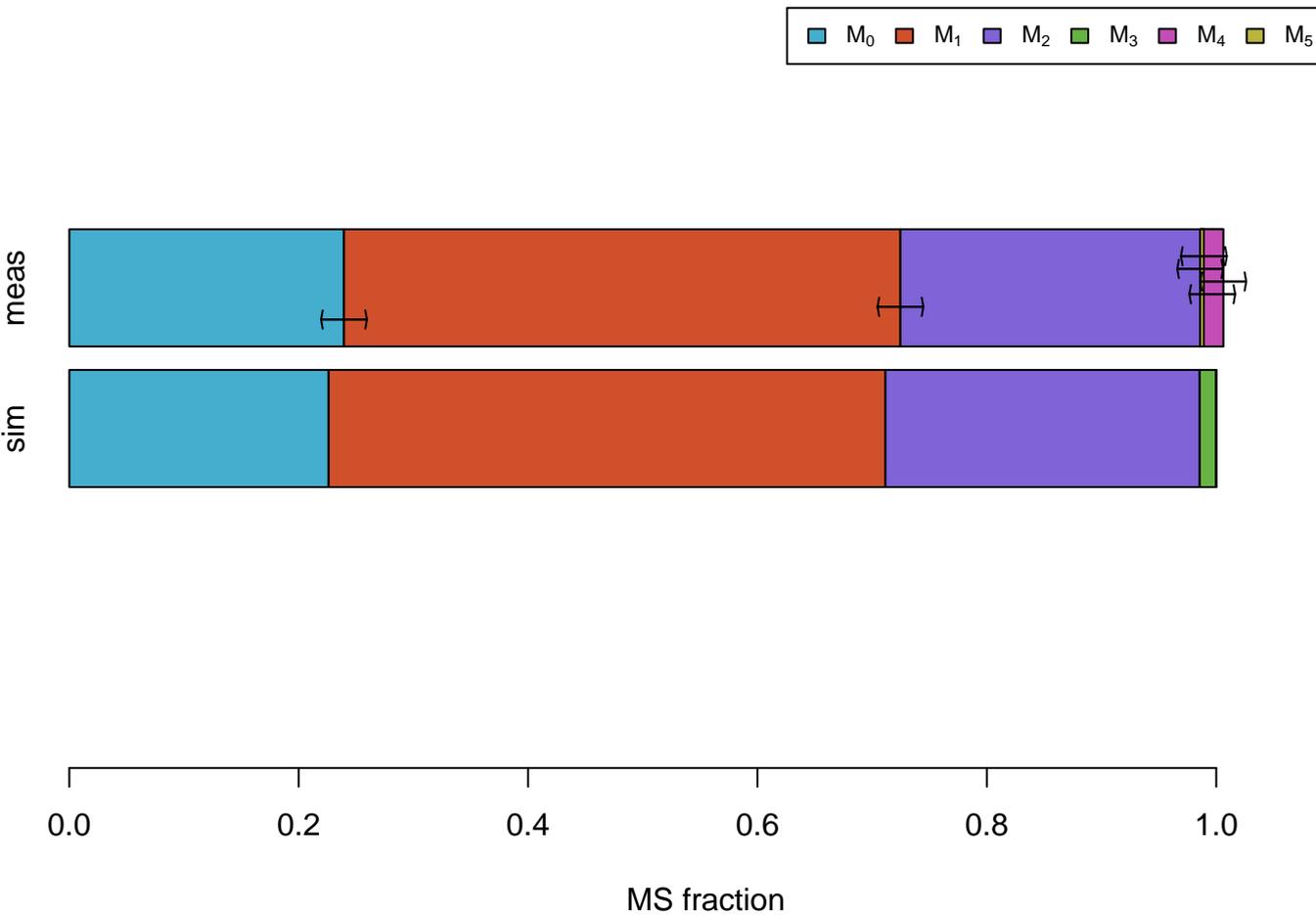
MS fraction

Asp #0111

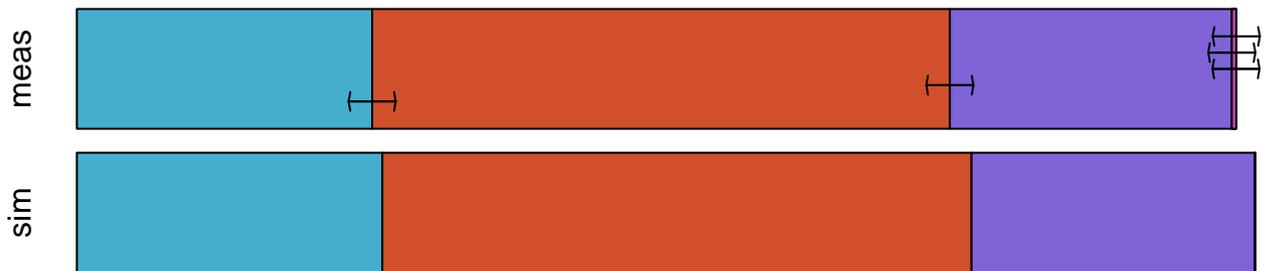


MS fraction

Glu

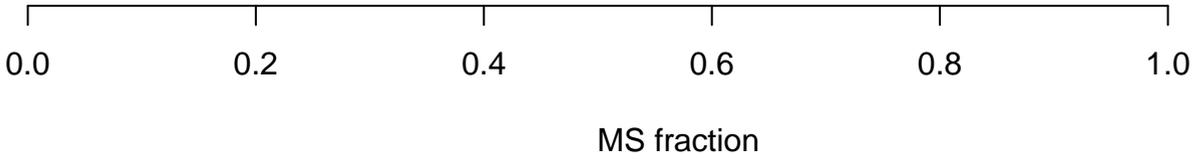
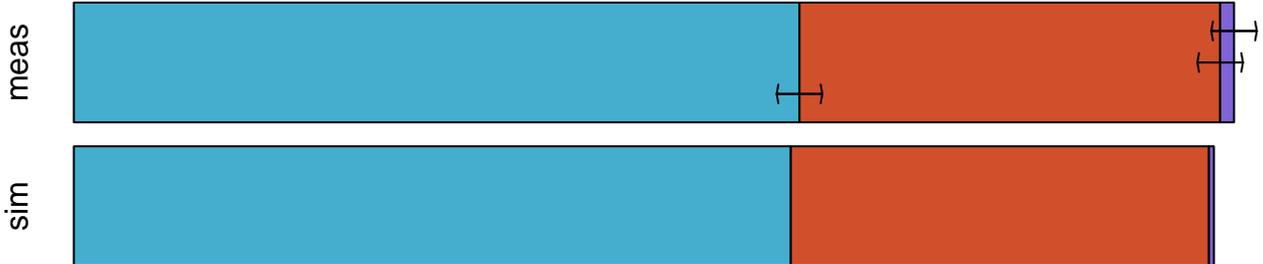


Glu #01111

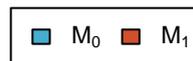


MS fraction

Gly

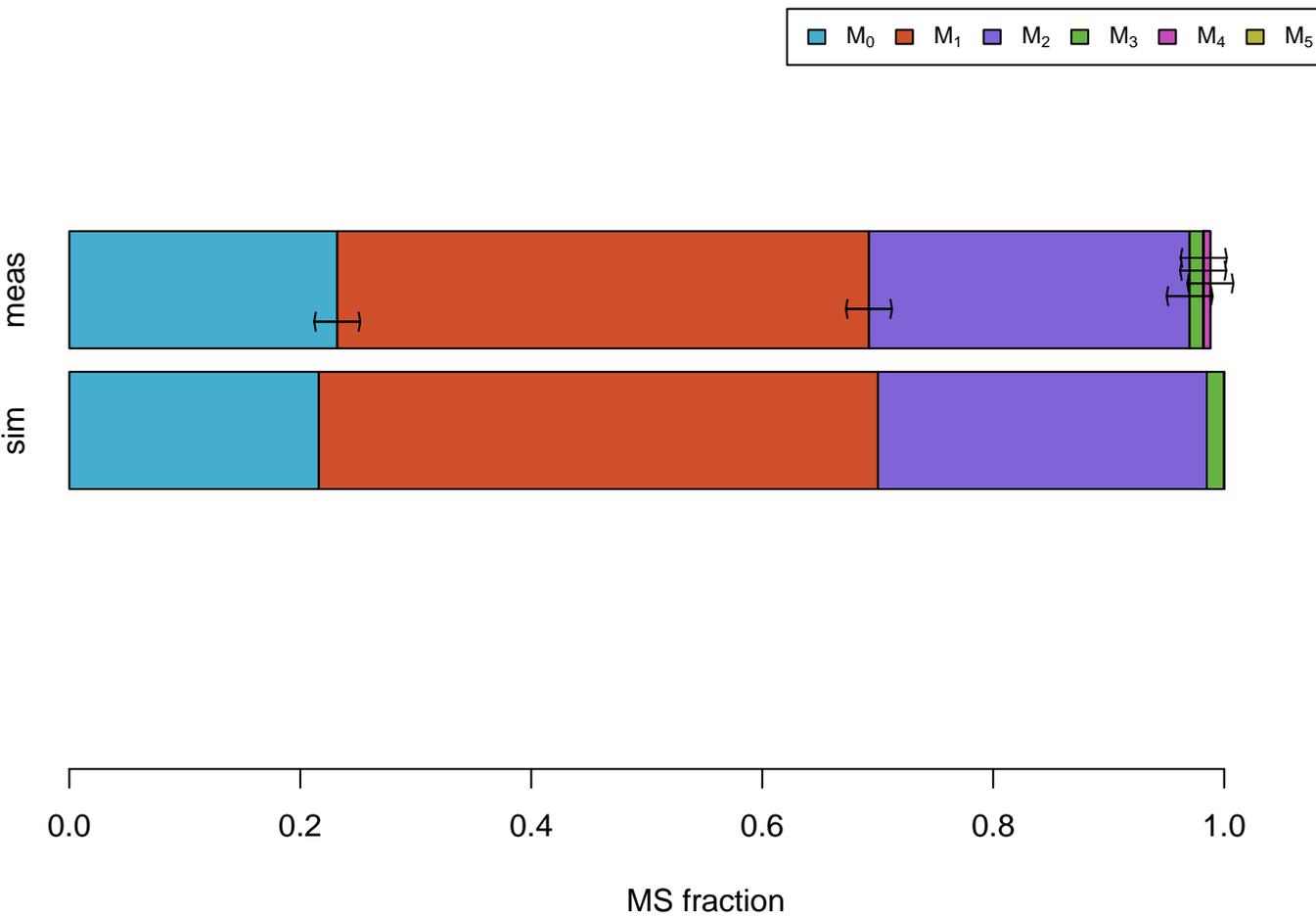


Gly #01

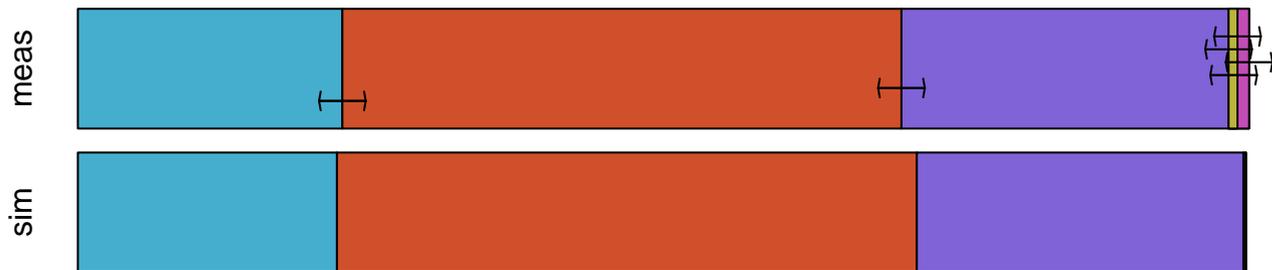
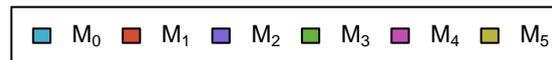


MS fraction

Ile #011111

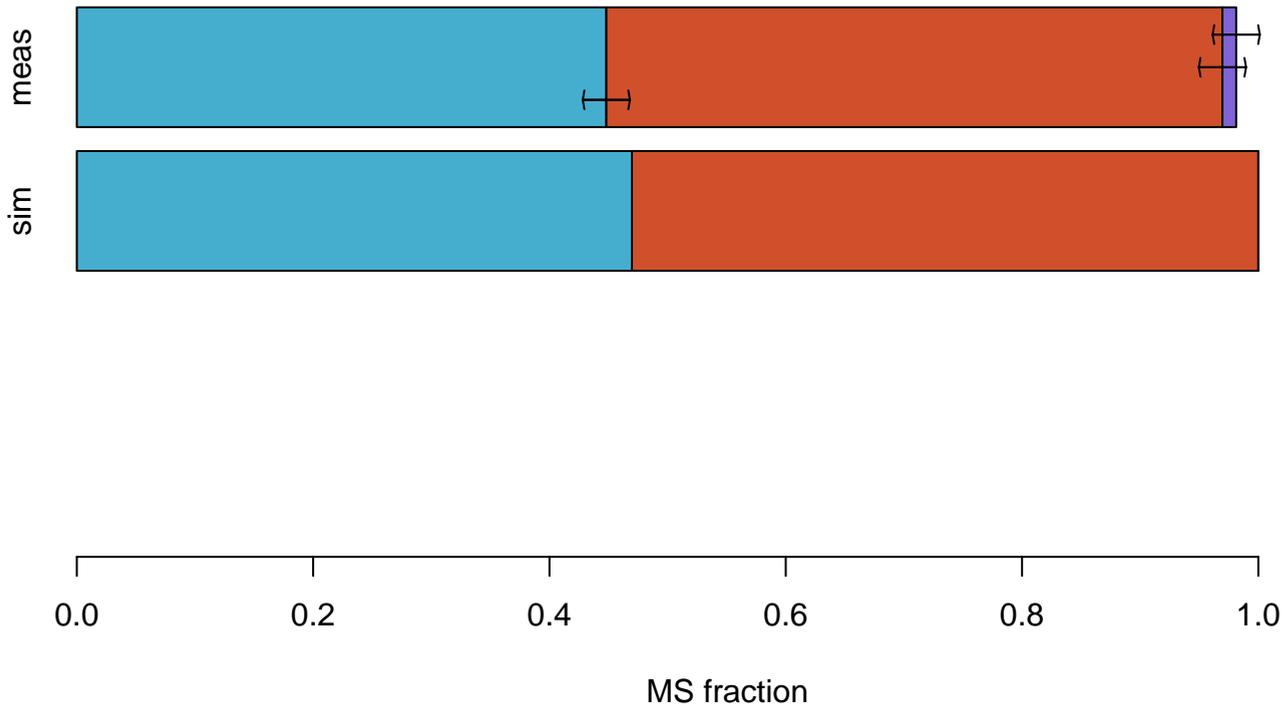


Leu #011111

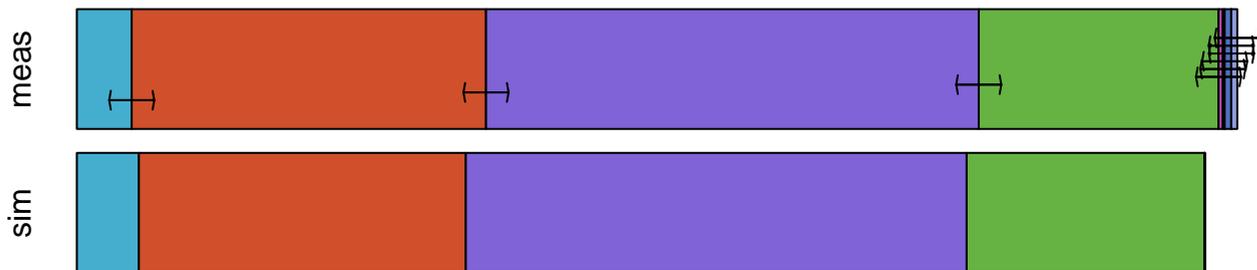


MS fraction

Phe #110000000

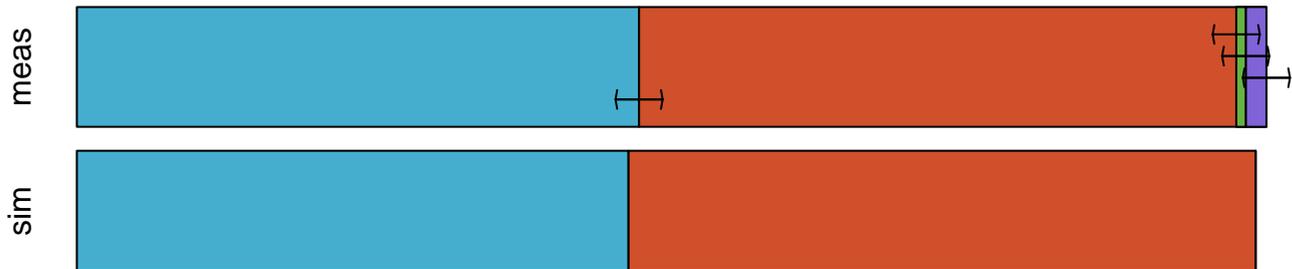


Phe #011111111

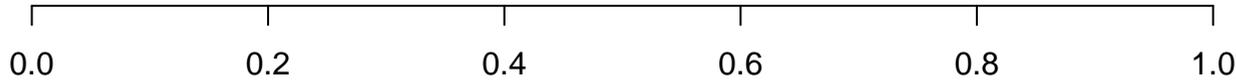
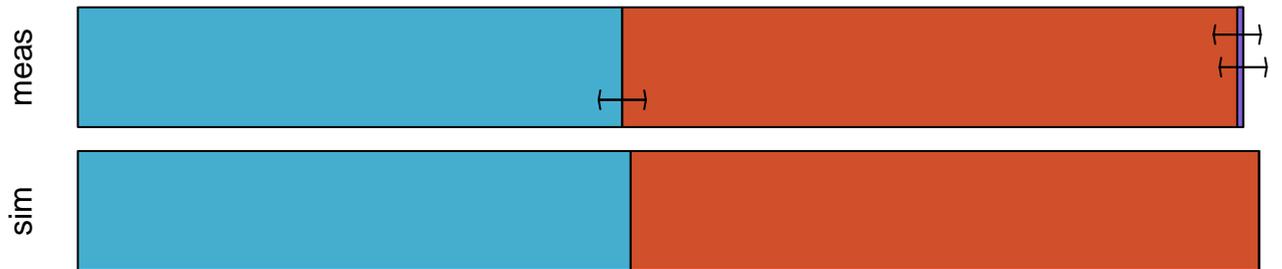


MS fraction

Ser

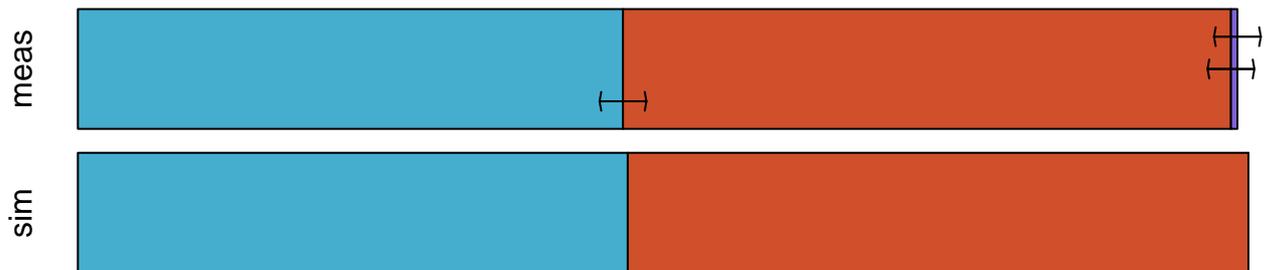


Ser #011

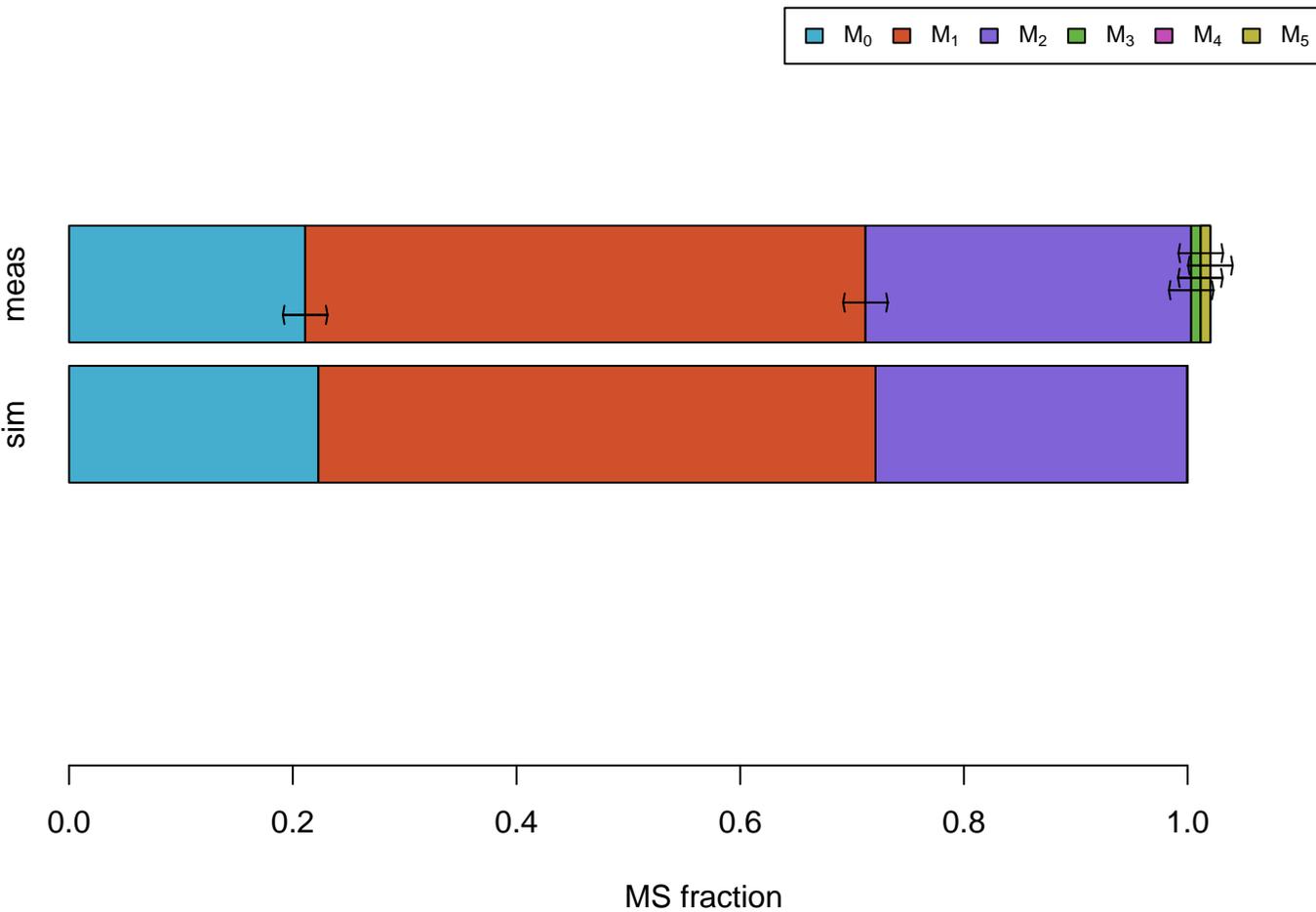


MS fraction

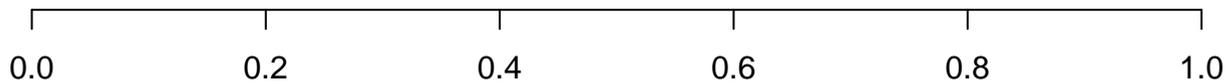
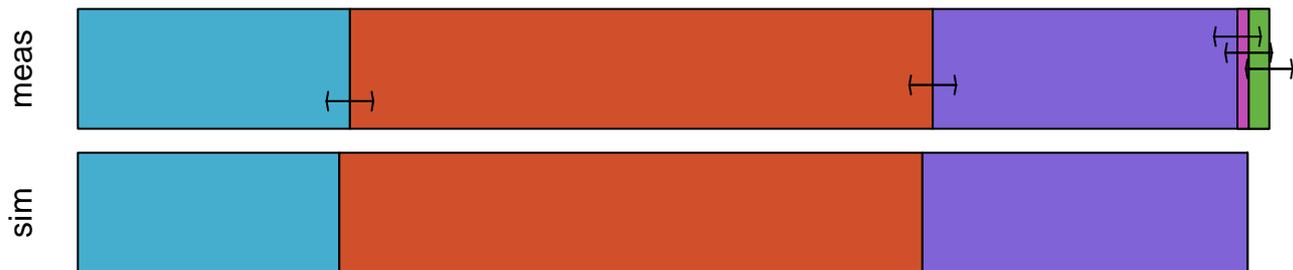
Tyr #110000000



Val



Val #01111



MS fraction

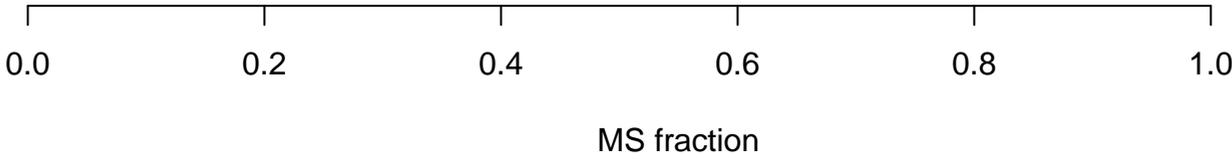
MS simulations

3PG

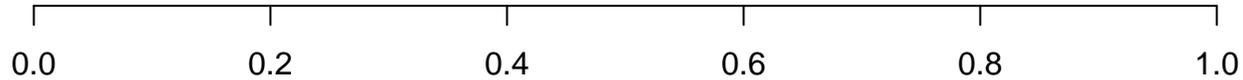


MS fraction

Ac

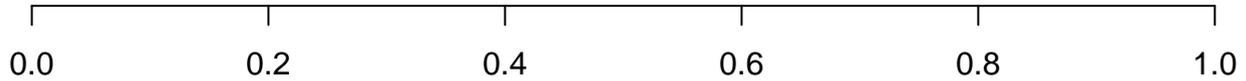
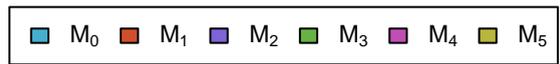


AcCoA



MS fraction

AKG



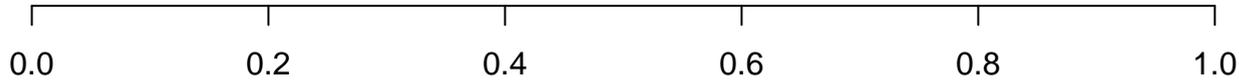
MS fraction

Asn



MS fraction

CO2



MS fraction

Cys



MS fraction

DHAP



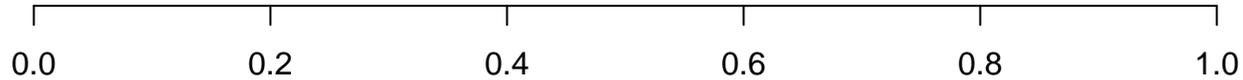
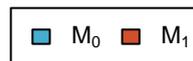
MS fraction

E4P



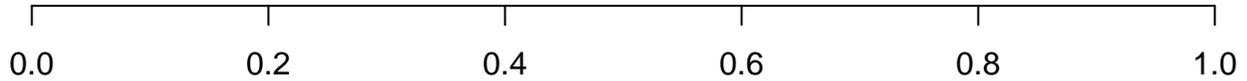
MS fraction

FTHF



MS fraction

Fum



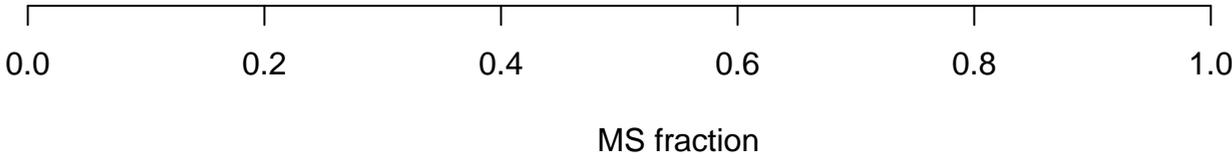
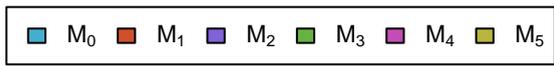
MS fraction

GAP



MS fraction

Gln

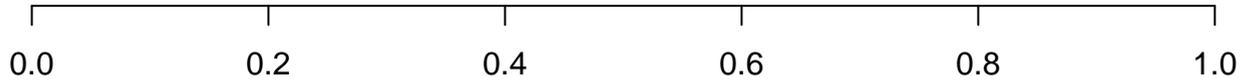
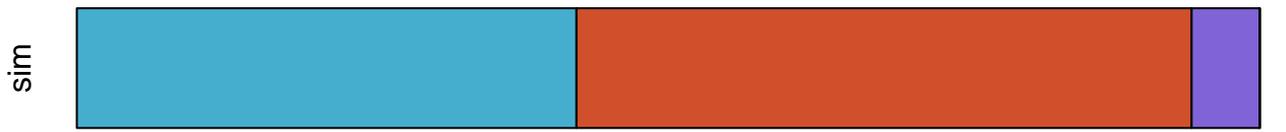


Glyox



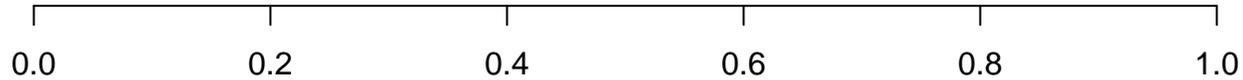
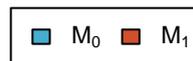
MS fraction

Mal



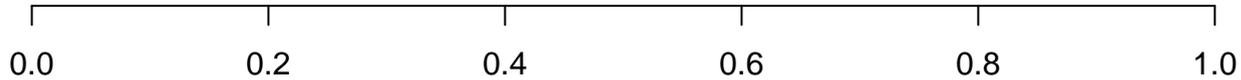
MS fraction

MEETHF



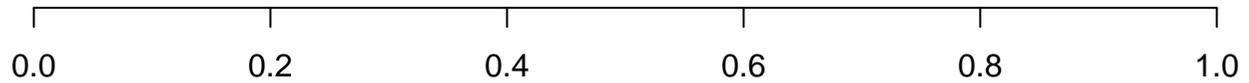
MS fraction

METHF



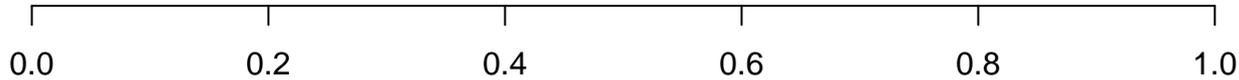
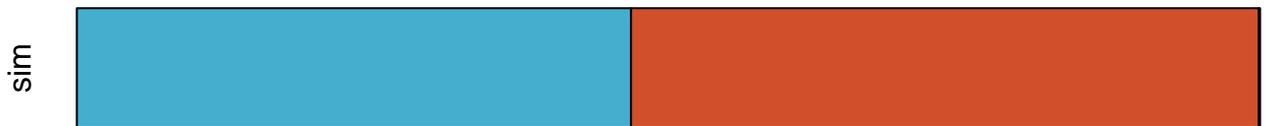
MS fraction

OAC



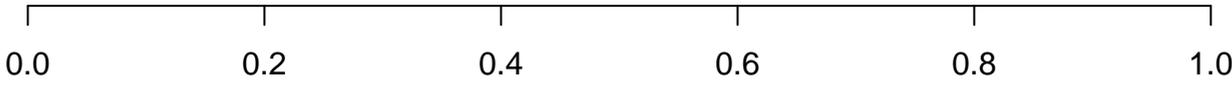
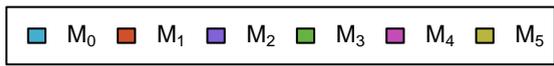
MS fraction

PEP



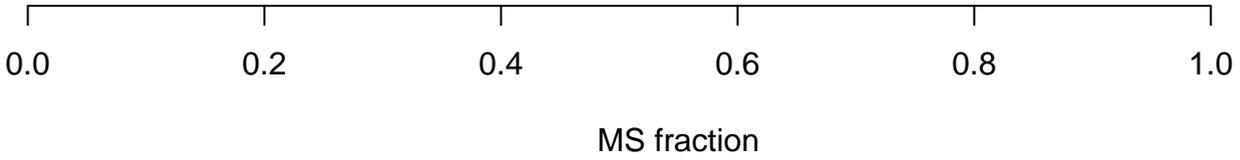
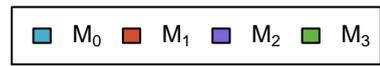
MS fraction

Pro

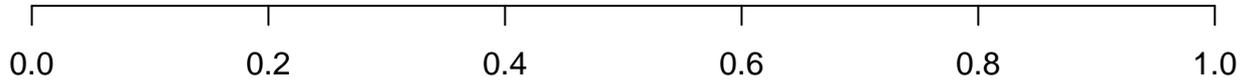


MS fraction

Pyr

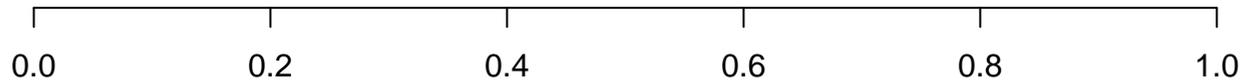


Suc



MS fraction

SucCoA



MS fraction

TA-C3



sim



0.0

0.2

0.4

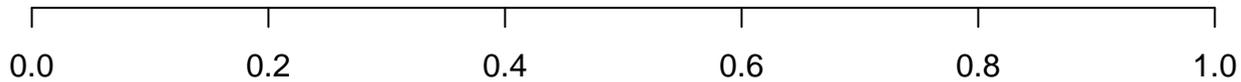
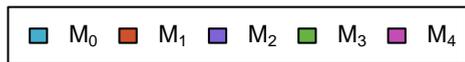
0.6

0.8

1.0

MS fraction

Thr



MS fraction

TK-C2



MS fraction