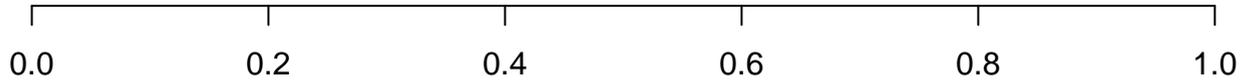
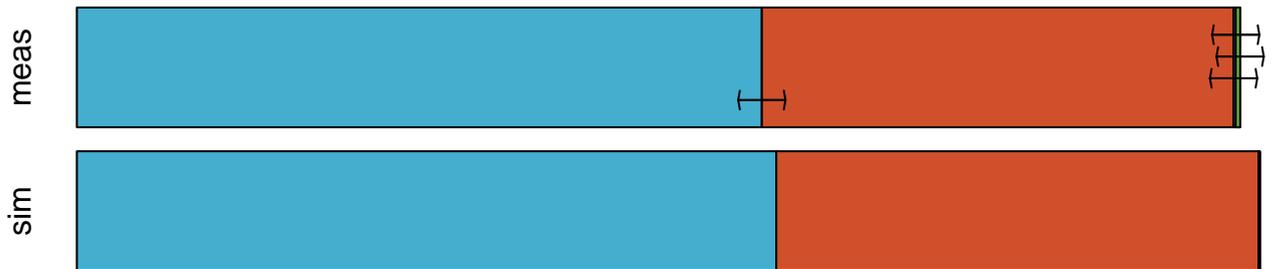


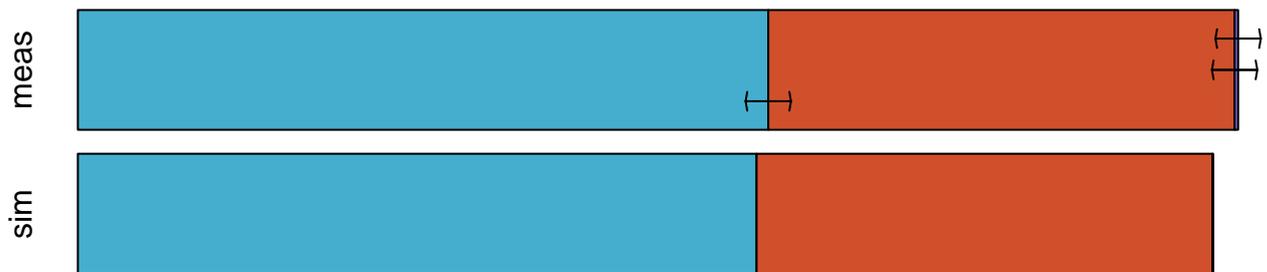
MS measurements
(error bars= $\pm 2 \cdot \text{dev}$)

Ala



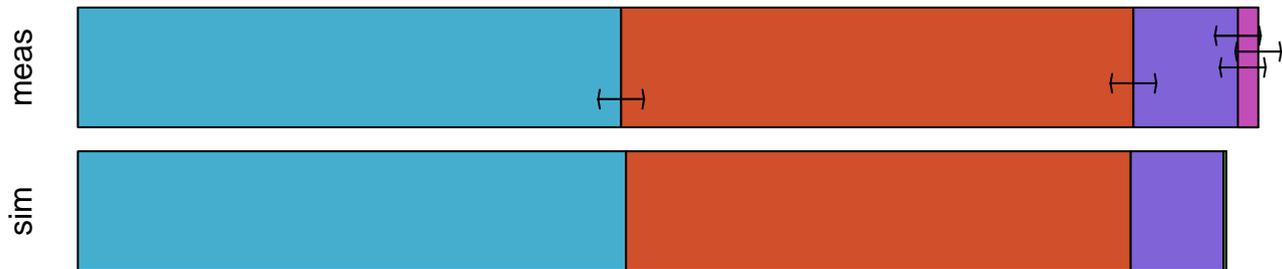
MS fraction

Ala #011



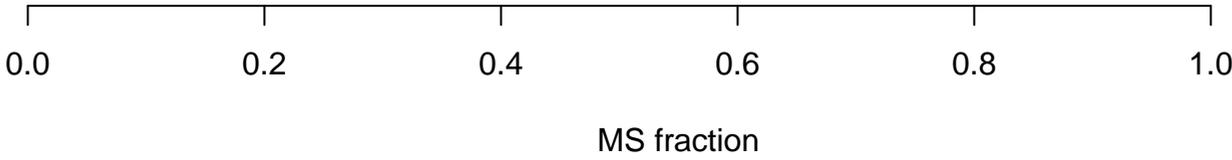
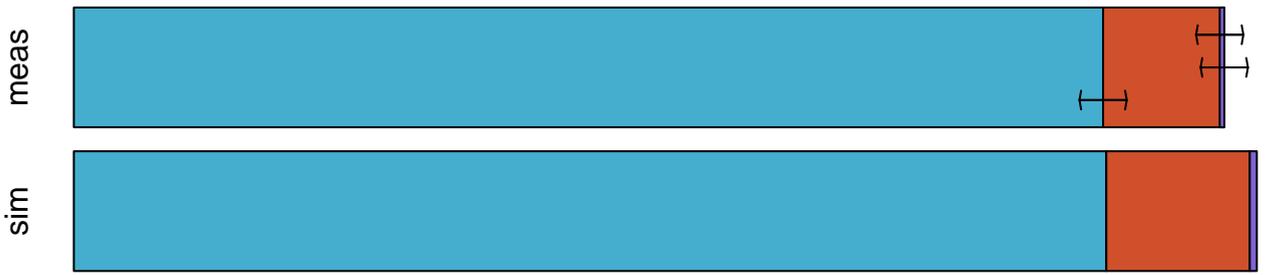
MS fraction

Asp

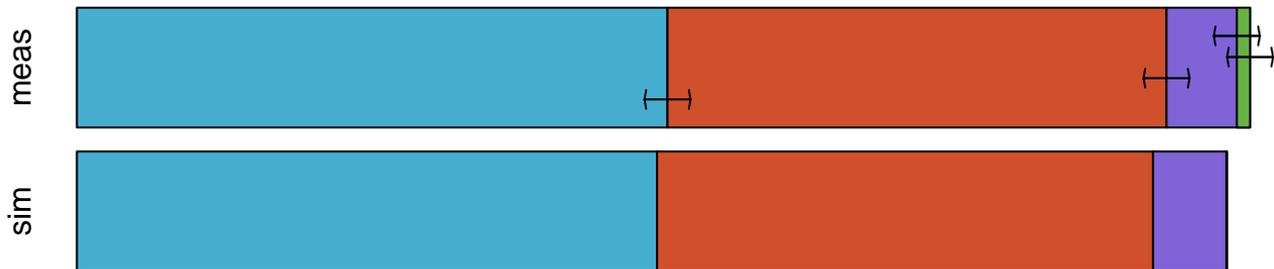


MS fraction

Asp #1100

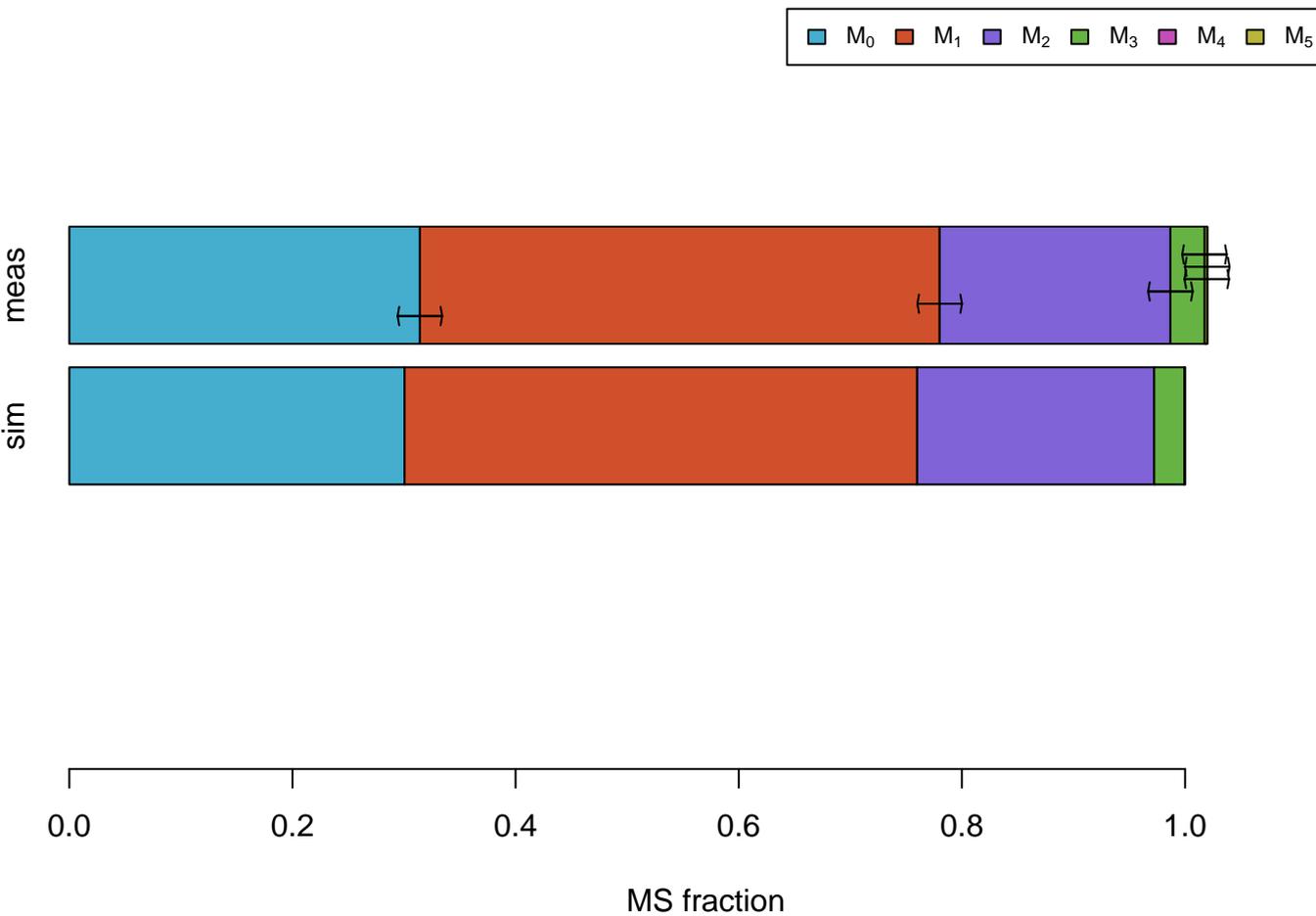


Asp #0111

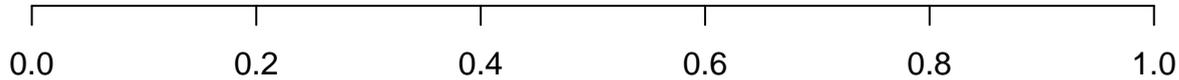


MS fraction

Glu



Glu #01111

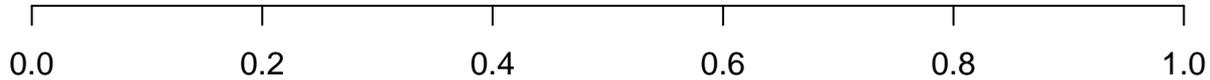


MS fraction

Gly

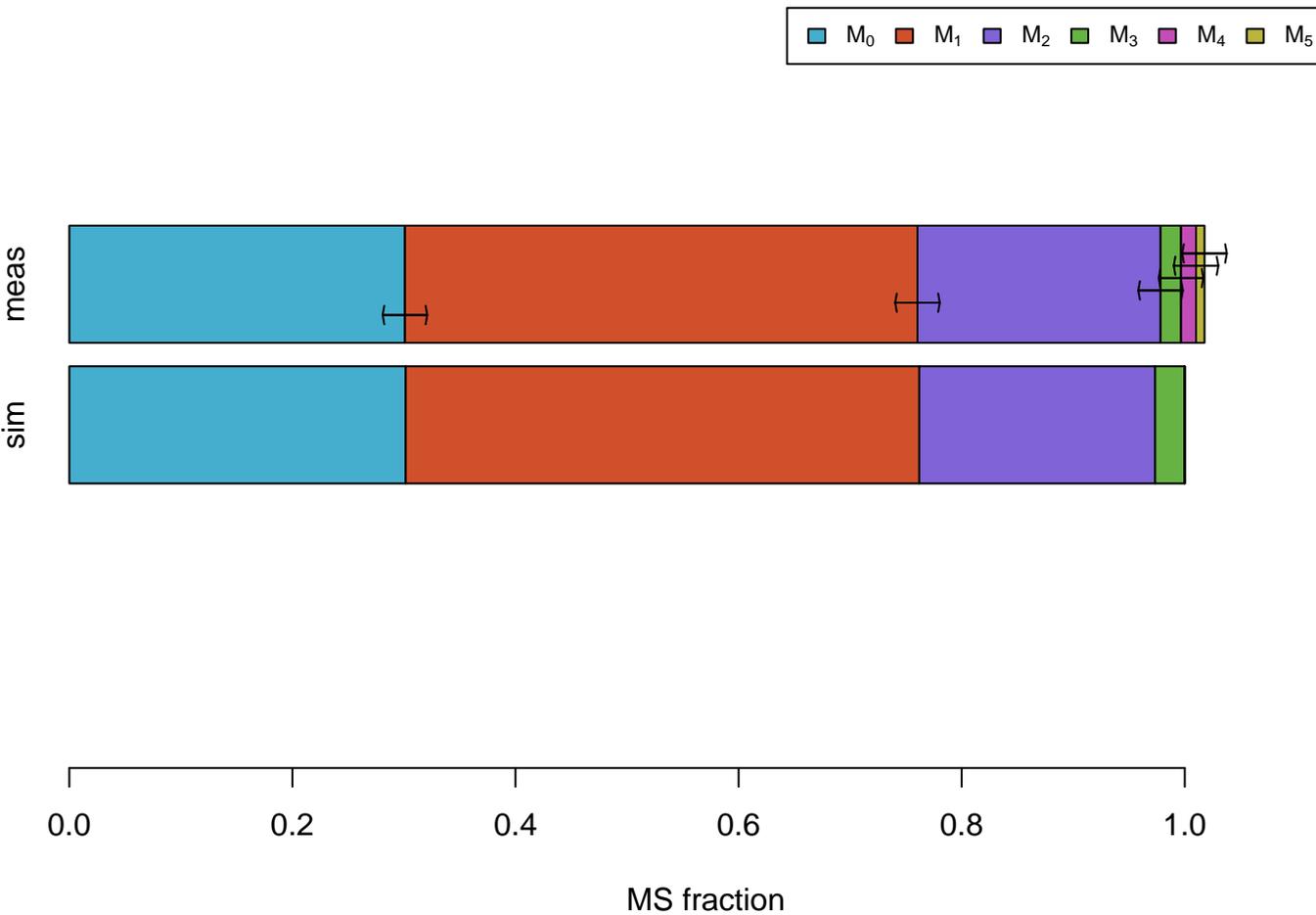


Gly #01

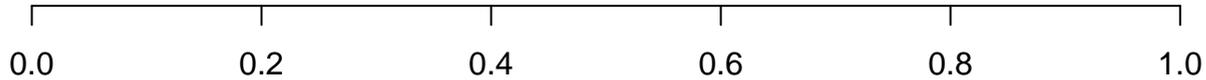
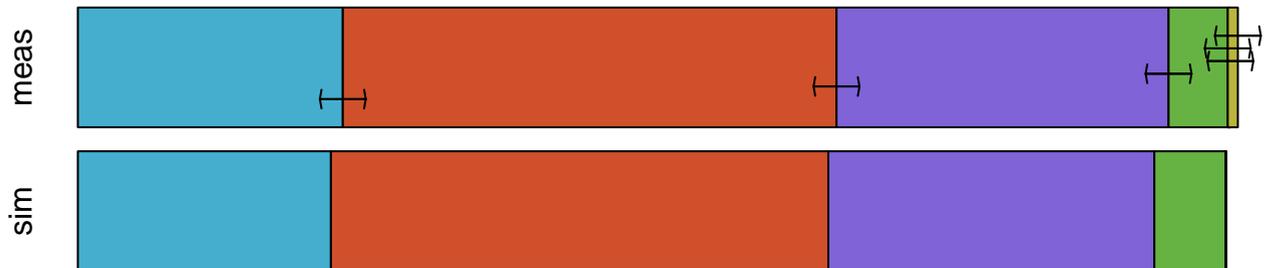
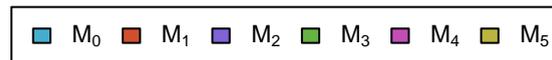


MS fraction

Ile #011111



Leu #011111



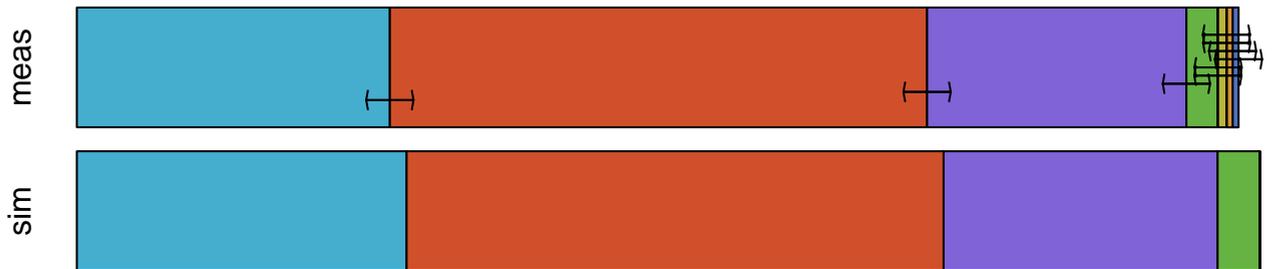
MS fraction

Phe #110000000



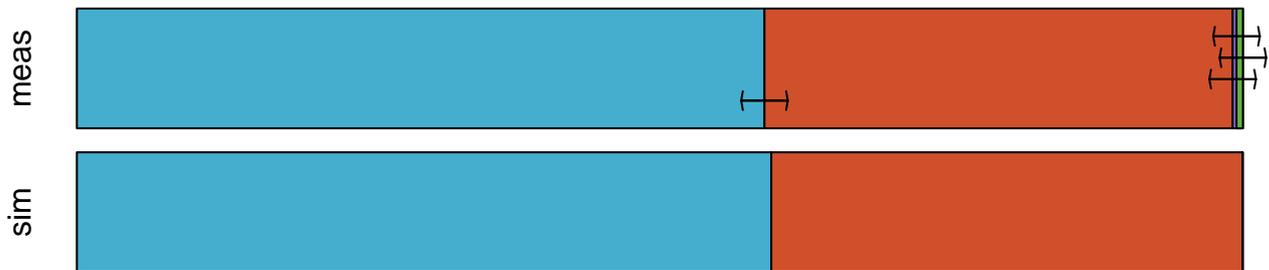
MS fraction

Phe #011111111



MS fraction

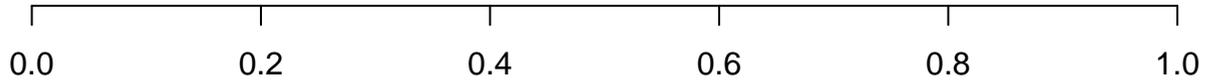
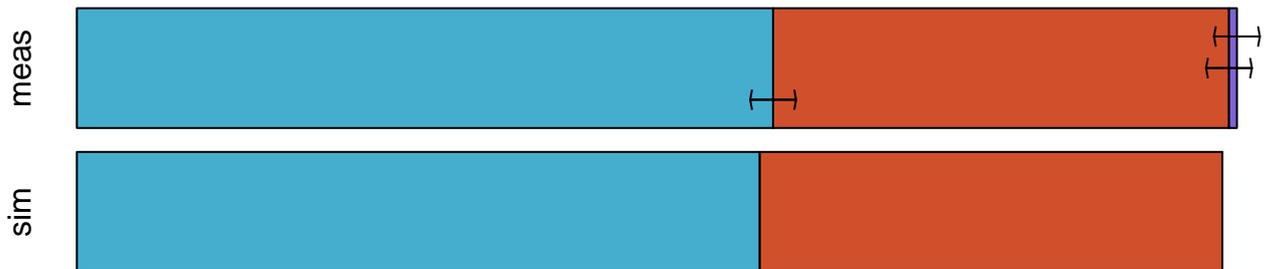
Ser



0.0 0.2 0.4 0.6 0.8 1.0

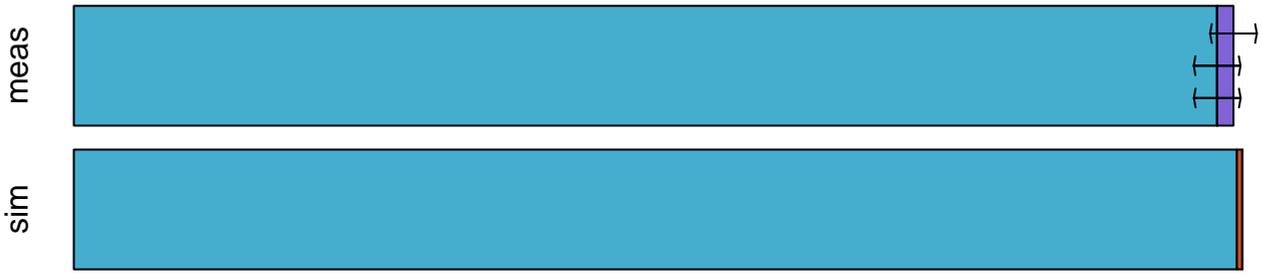
MS fraction

Ser #011

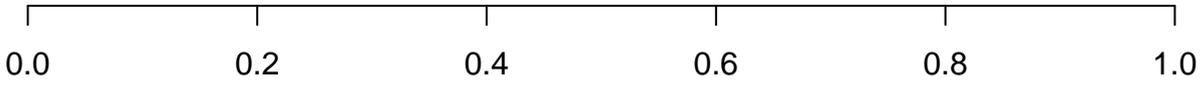
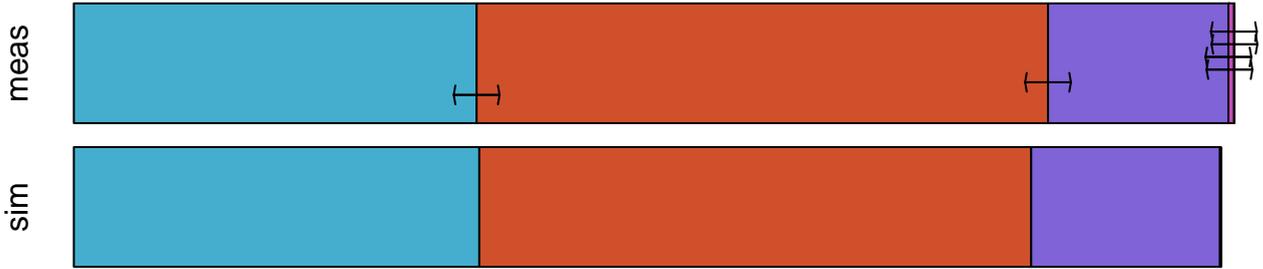
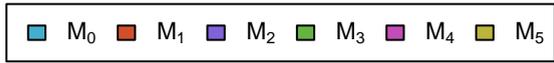


MS fraction

Tyr #110000000

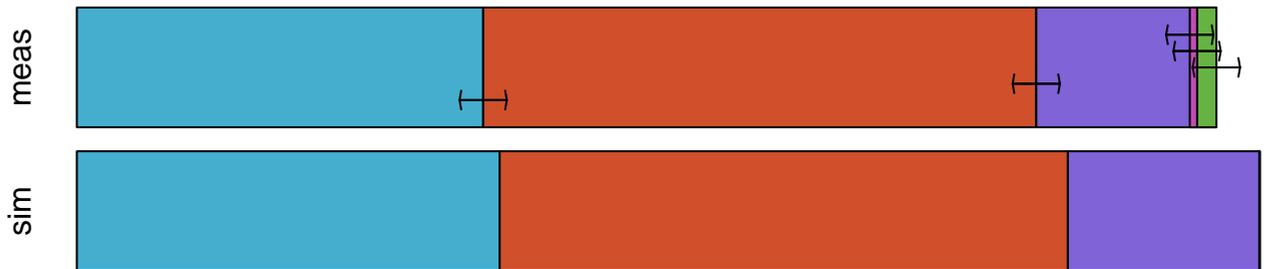


Val



MS fraction

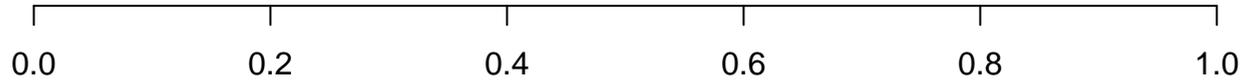
Val #01111



MS fraction

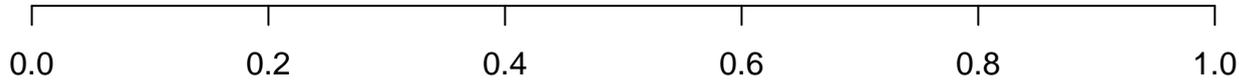
MS simulations

3PG



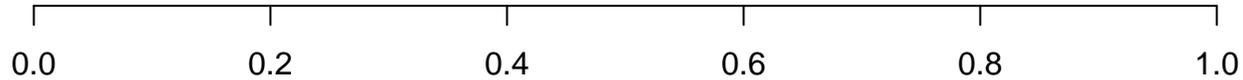
MS fraction

Ac



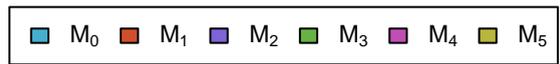
MS fraction

AcCoA



MS fraction

AKG



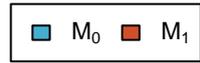
MS fraction

Asn

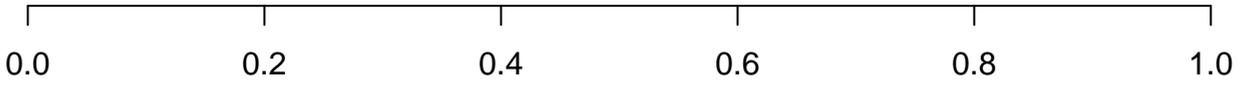


MS fraction

CO2

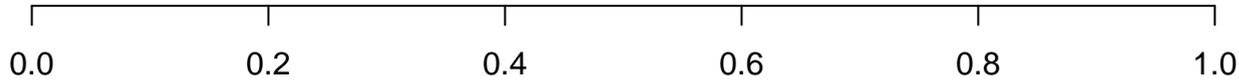


sim



MS fraction

Cys



MS fraction

DHAP



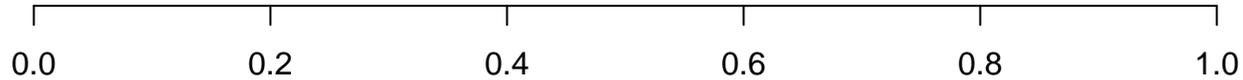
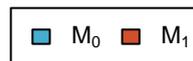
MS fraction

E4P



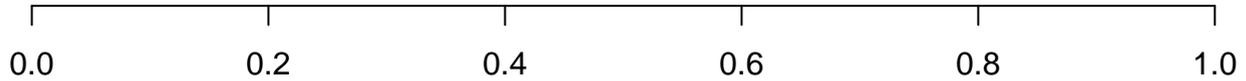
MS fraction

FTHF



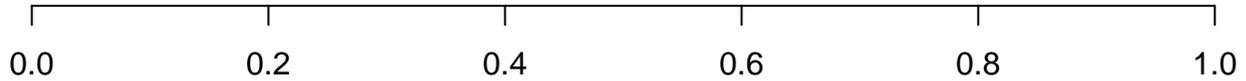
MS fraction

Fum



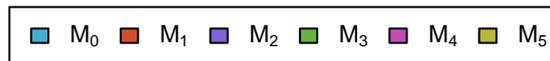
MS fraction

GAP



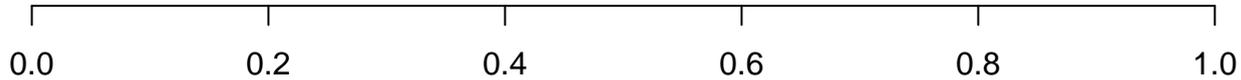
MS fraction

Gln



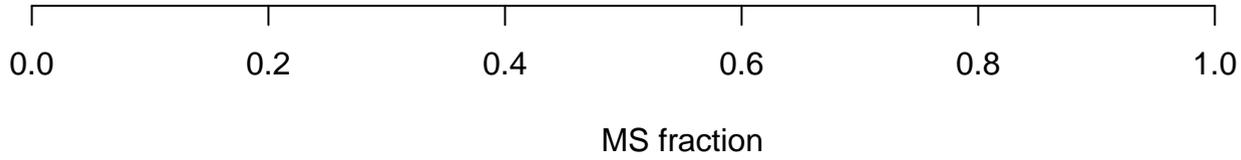
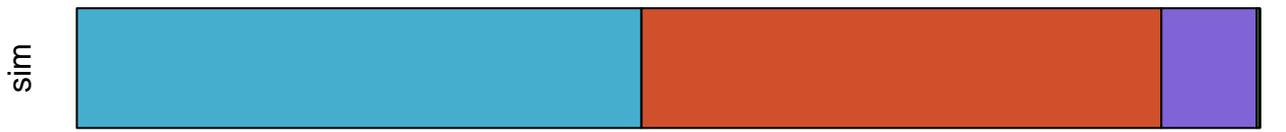
MS fraction

Glyox

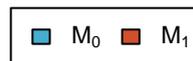


MS fraction

Mal

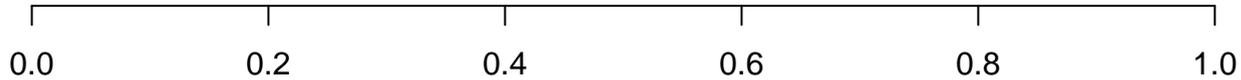


MEETHF



MS fraction

METHF



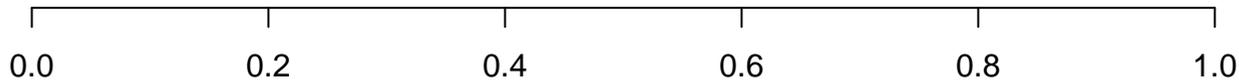
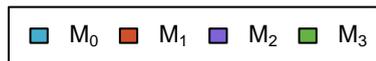
MS fraction

OAC



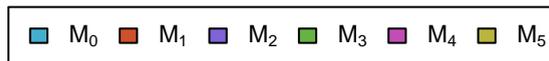
MS fraction

PEP



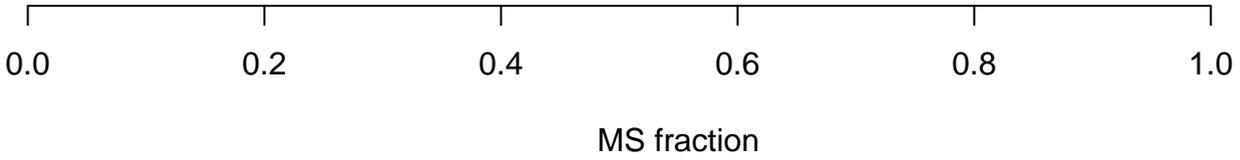
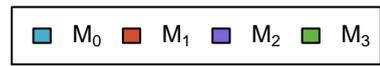
MS fraction

Pro

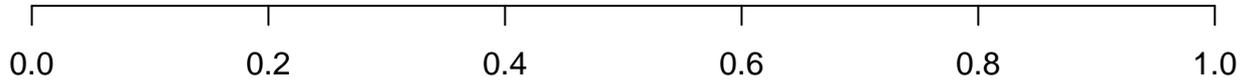


MS fraction

Pyr

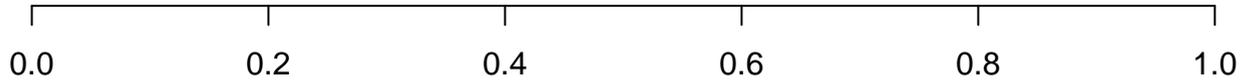


Suc



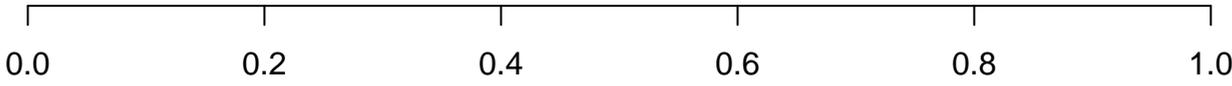
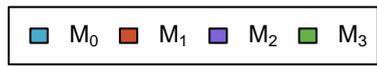
MS fraction

SucCoA



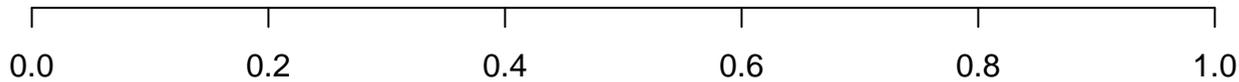
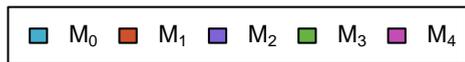
MS fraction

TA-C3



MS fraction

Thr



MS fraction

TK-C2



MS fraction