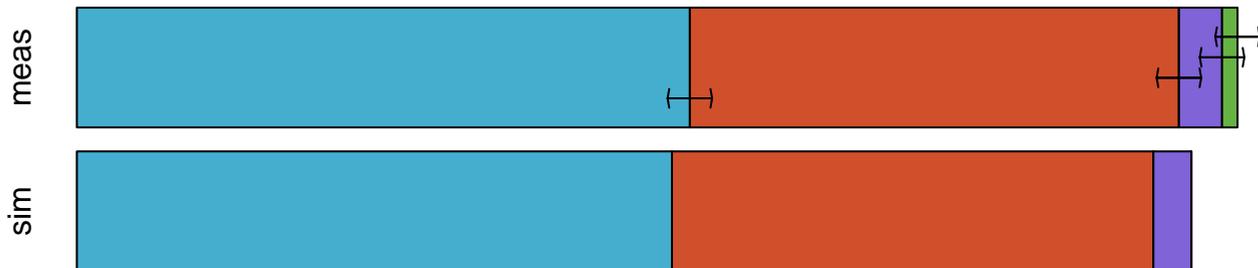


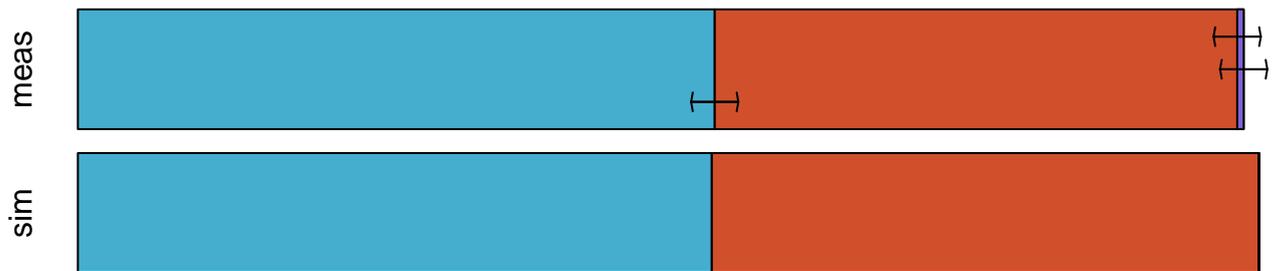
MS measurements
(error bars= $\pm 2 \cdot \text{dev}$)

Ala



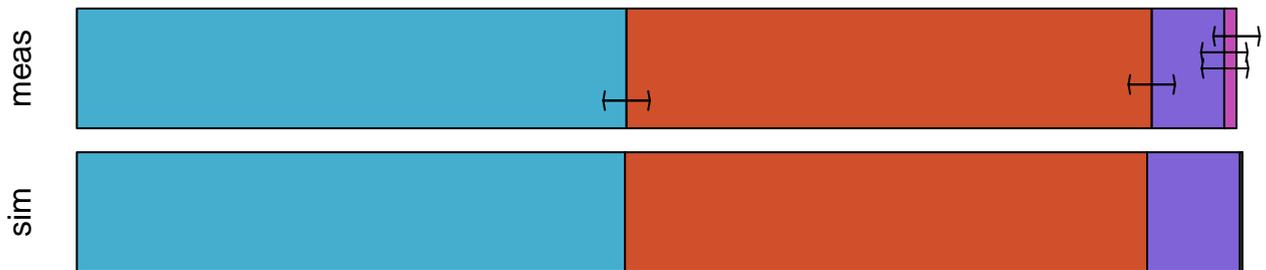
MS fraction

Ala #011



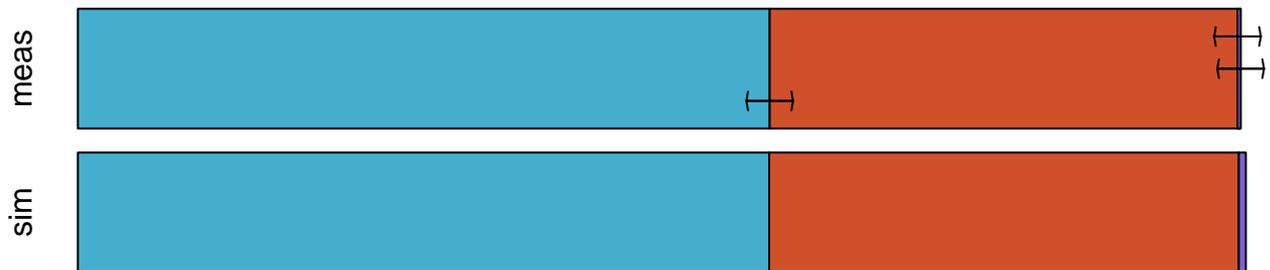
MS fraction

Asp



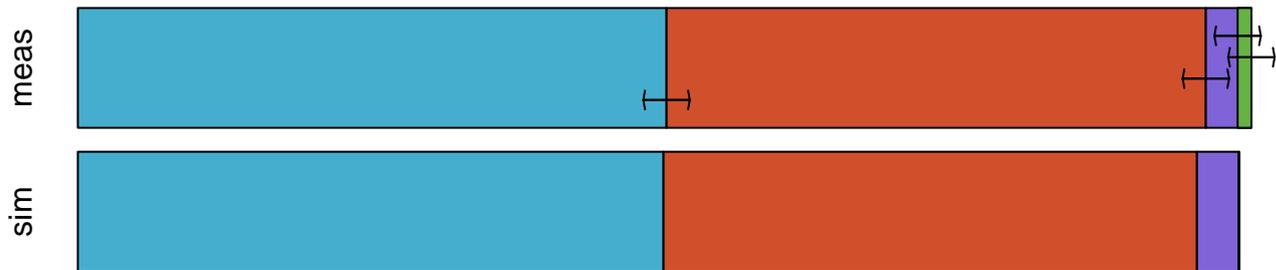
MS fraction

Asp #1100



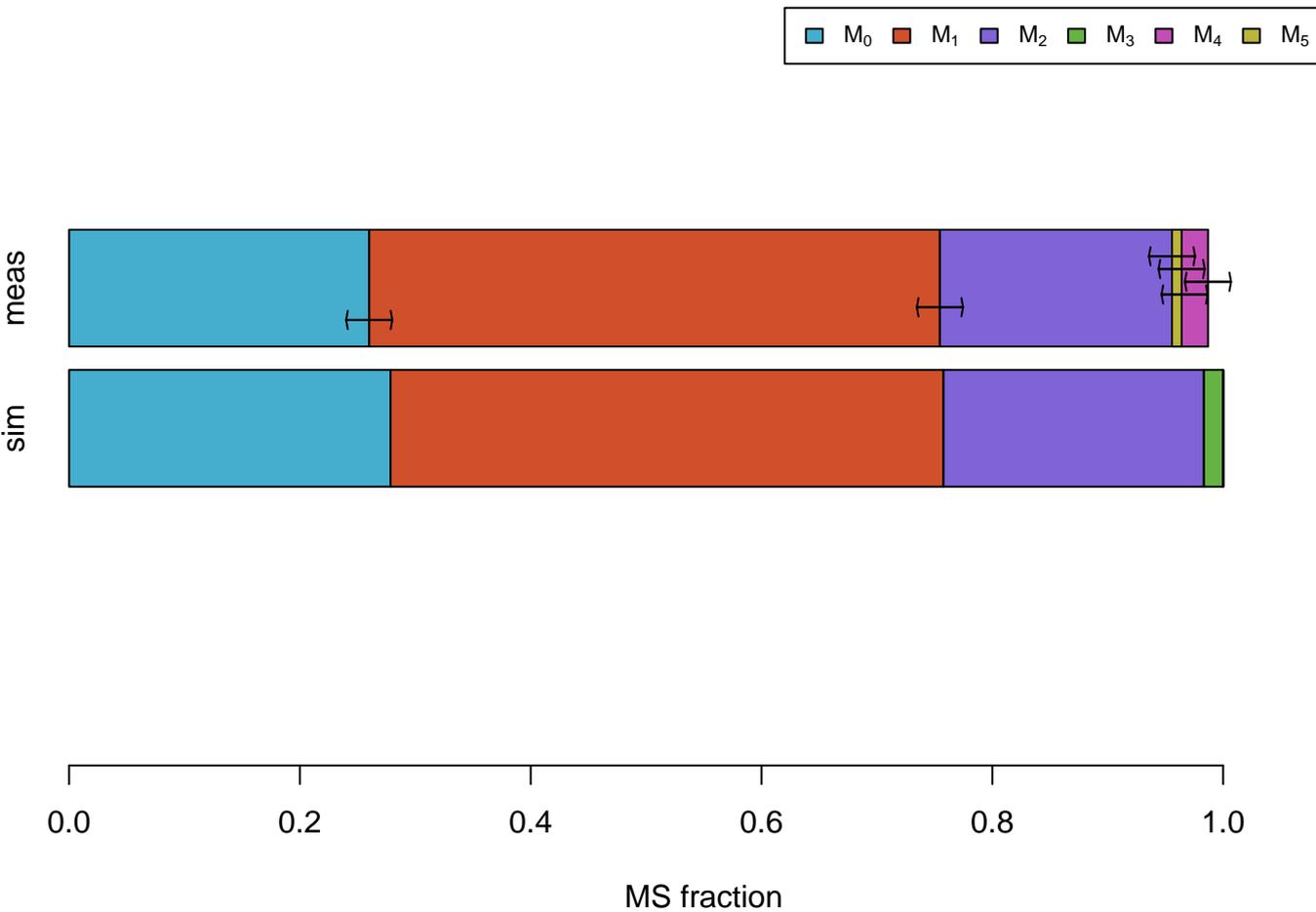
MS fraction

Asp #0111

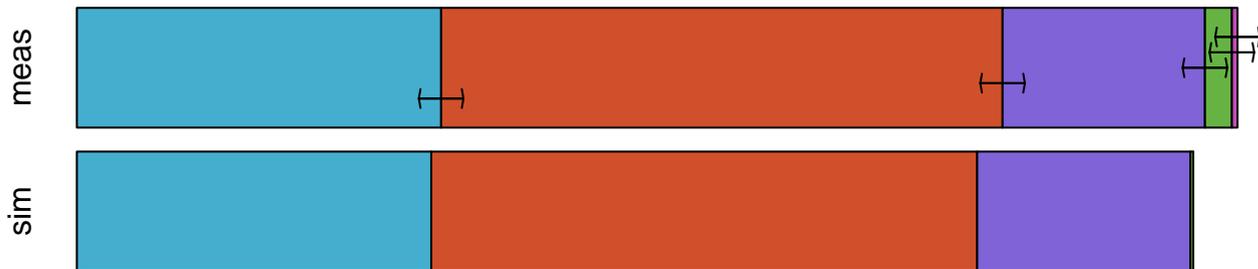


MS fraction

Glu

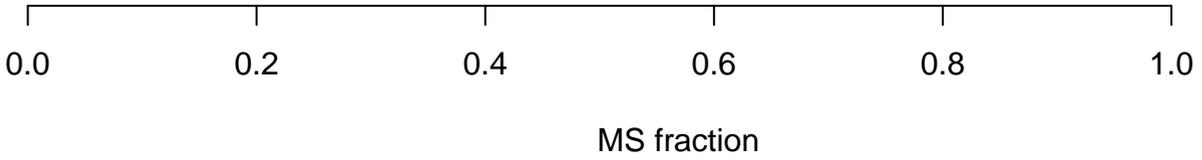


Glu #01111



MS fraction

Gly

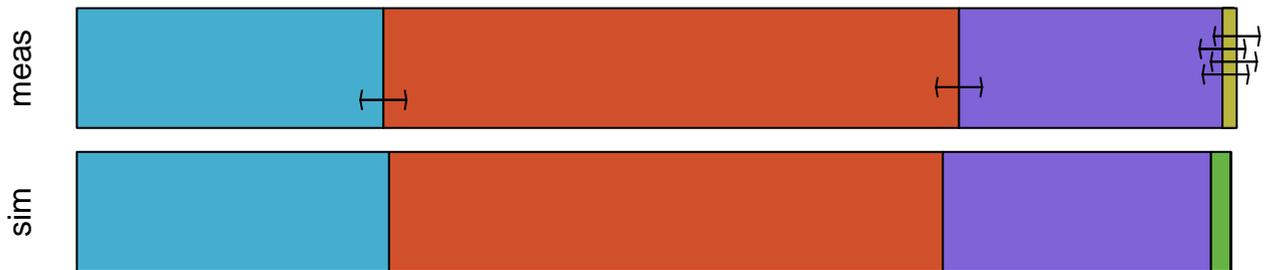
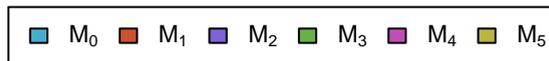


Gly #01



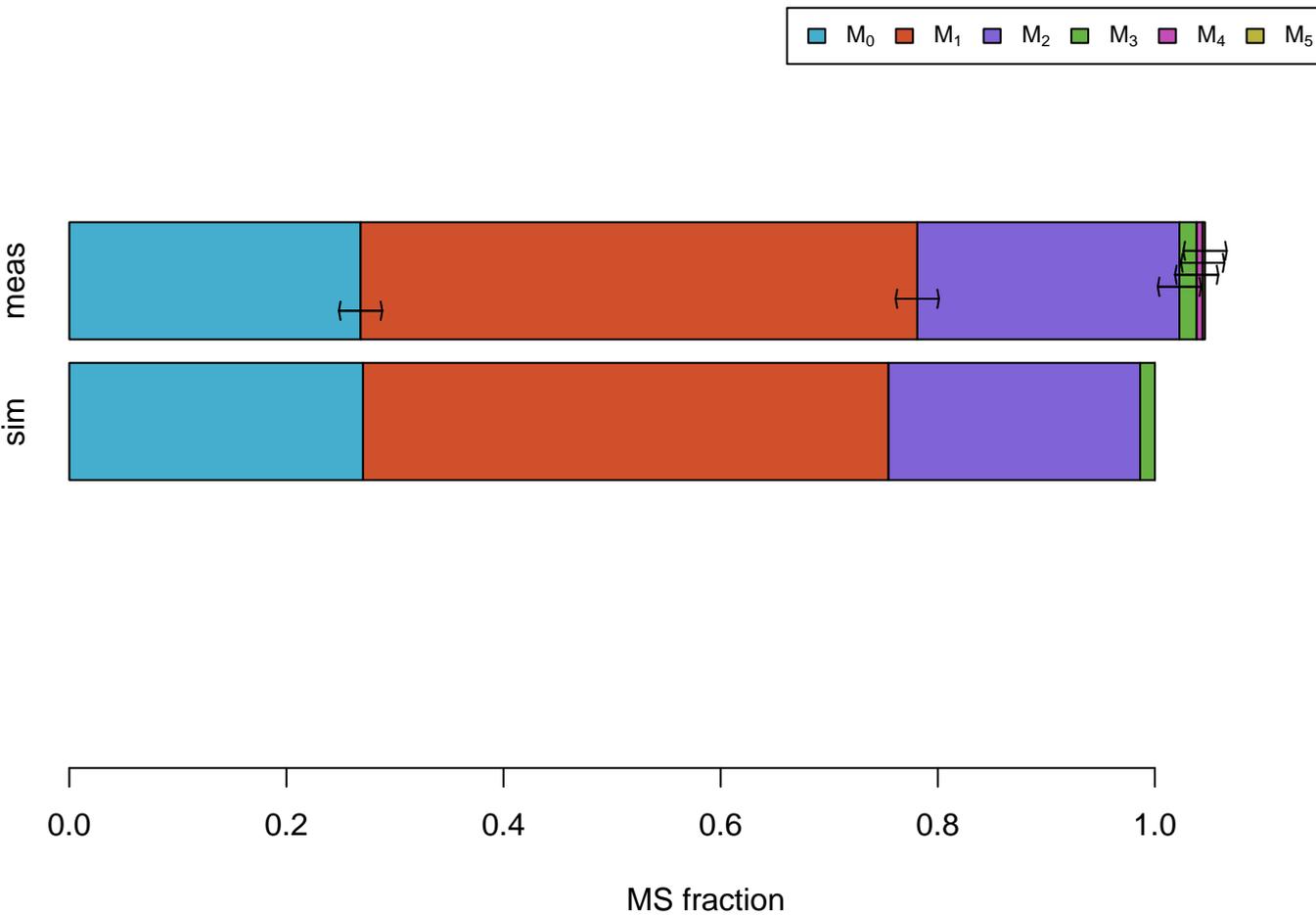
MS fraction

Ile #011111

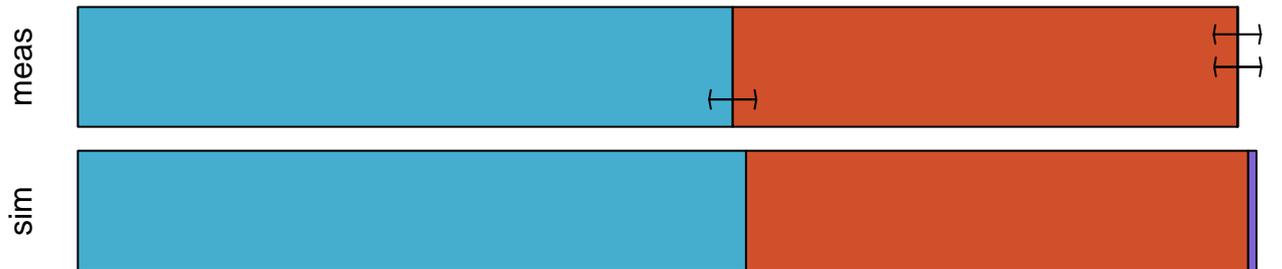


MS fraction

Leu #011111

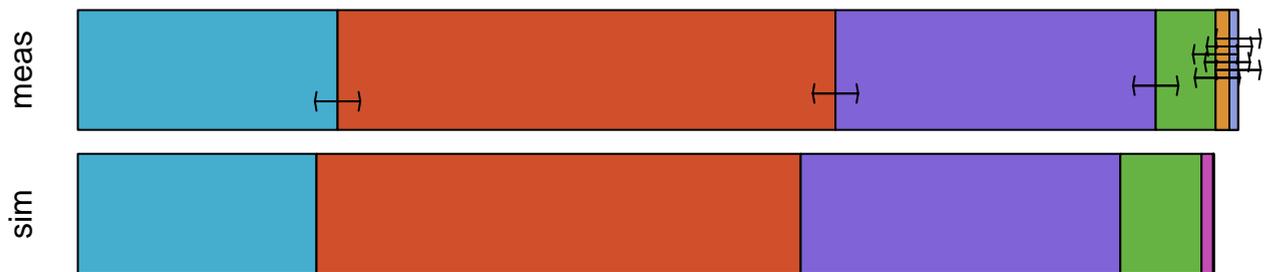


Phe #110000000



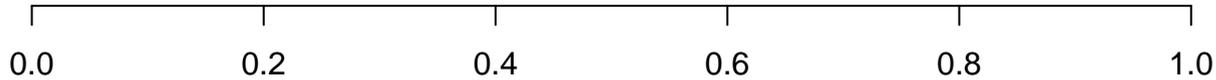
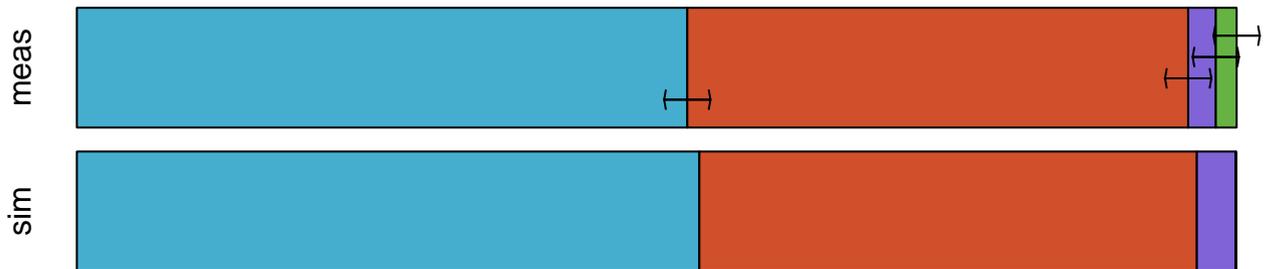
MS fraction

Phe #011111111



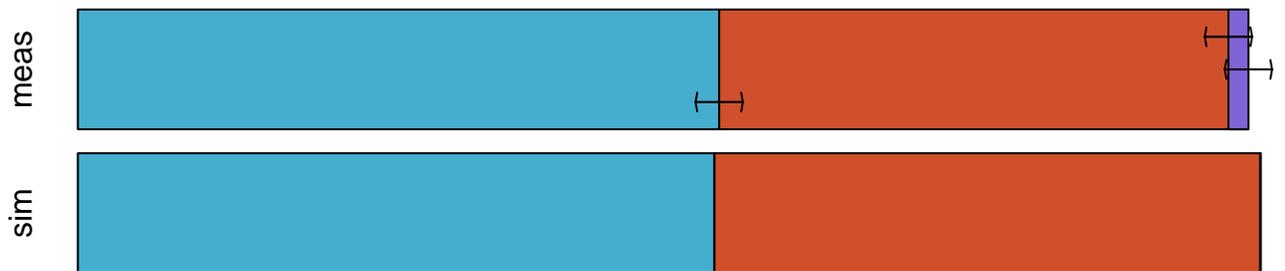
MS fraction

Ser



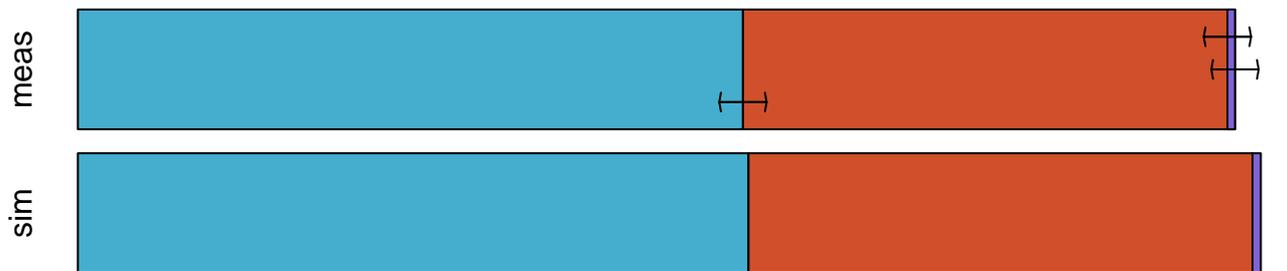
MS fraction

Ser #011



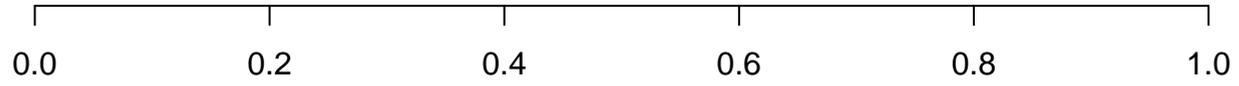
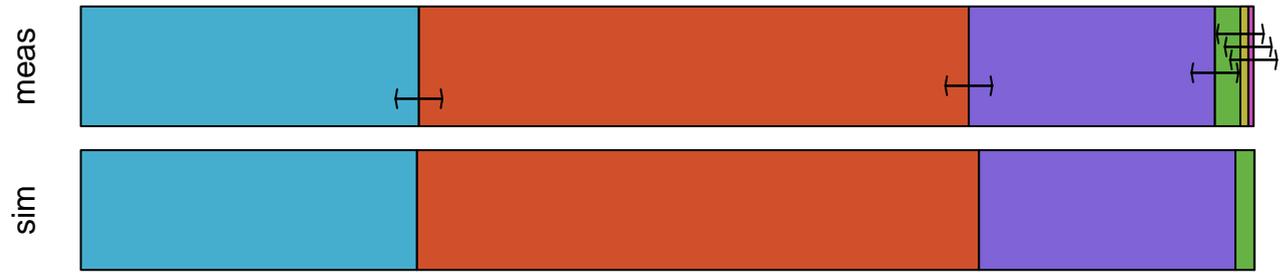
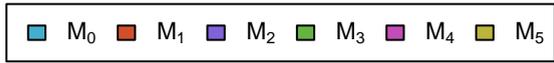
MS fraction

Tyr #110000000



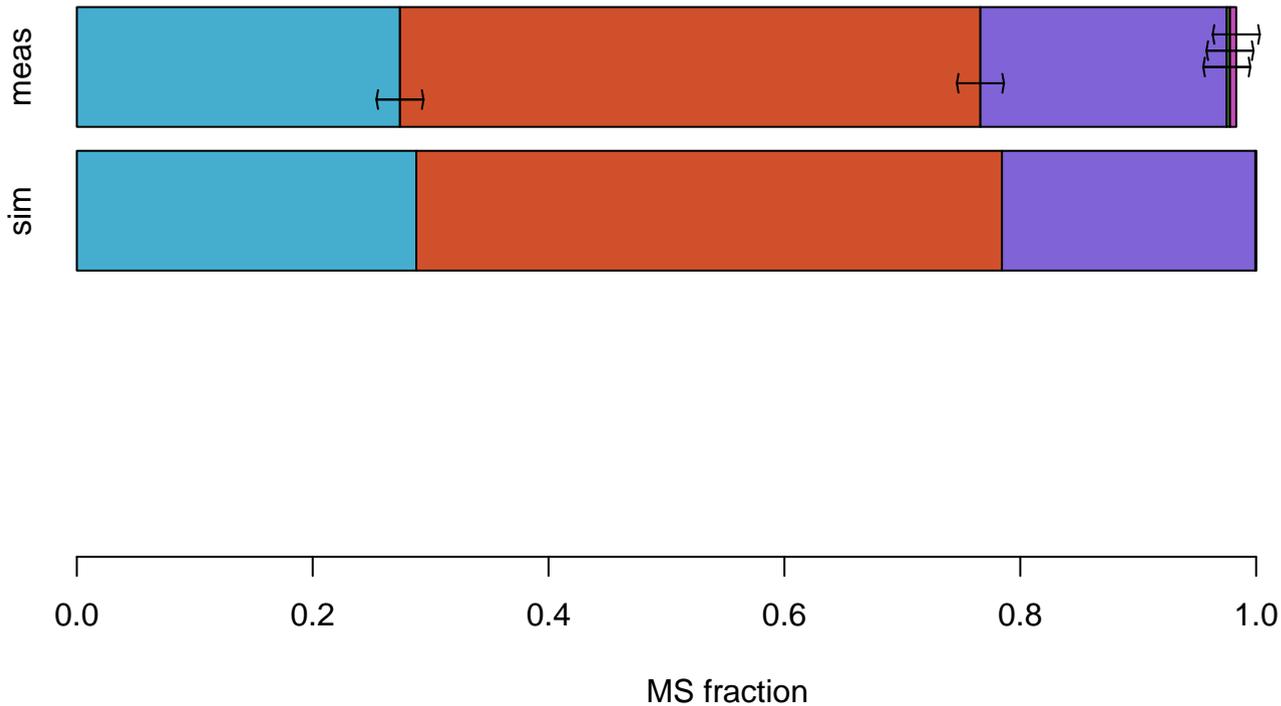
MS fraction

Val



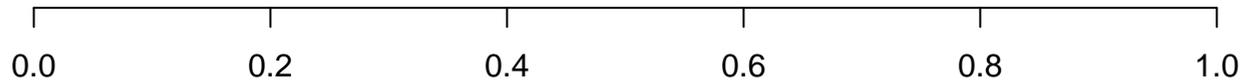
MS fraction

Val #01111



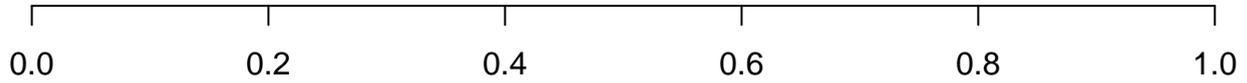
MS simulations

3PG



MS fraction

Ac



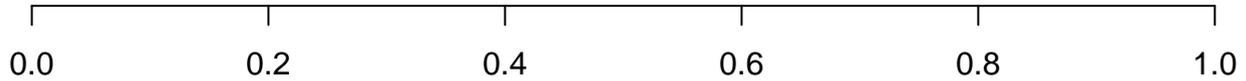
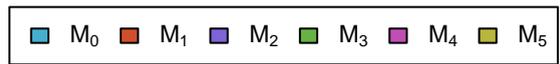
MS fraction

AcCoA



MS fraction

AKG



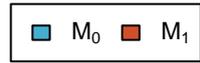
MS fraction

Asn

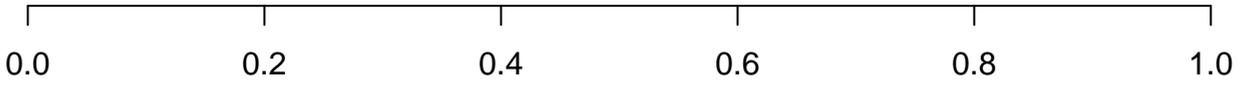


MS fraction

CO2

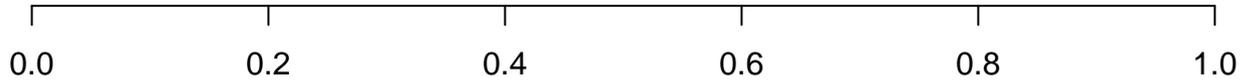


sim



MS fraction

Cys



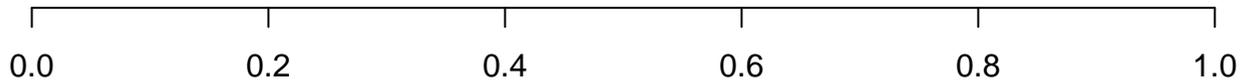
MS fraction

DHAP



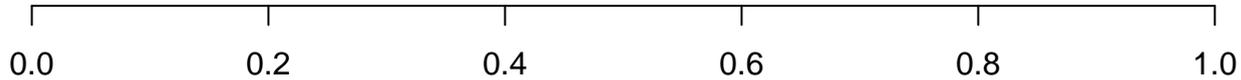
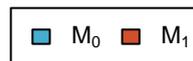
MS fraction

E4P



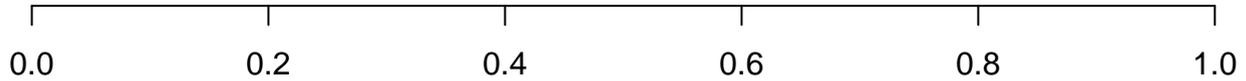
MS fraction

FTHF



MS fraction

Fum



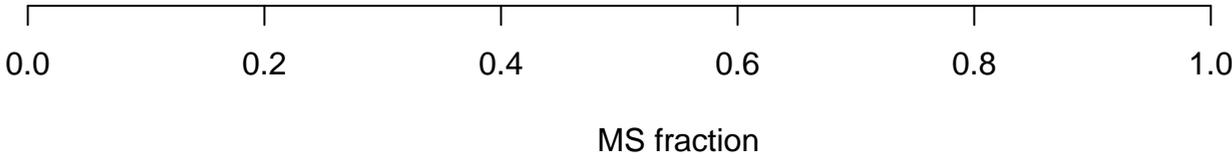
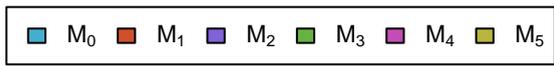
MS fraction

GAP

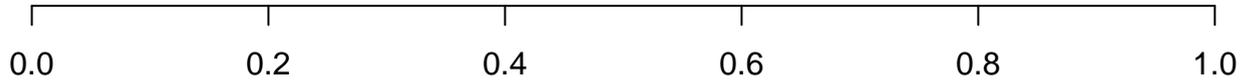


MS fraction

Gln

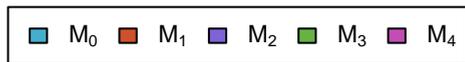


Glyox



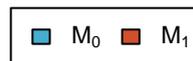
MS fraction

Mal



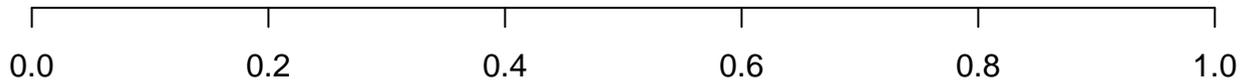
MS fraction

MEETHF



MS fraction

METHF



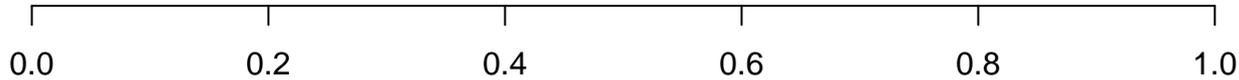
MS fraction

OAC



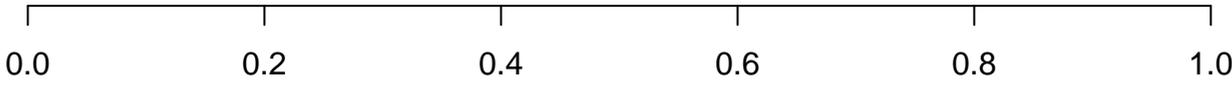
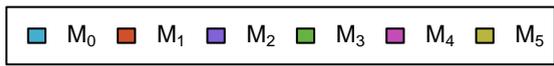
MS fraction

PEP



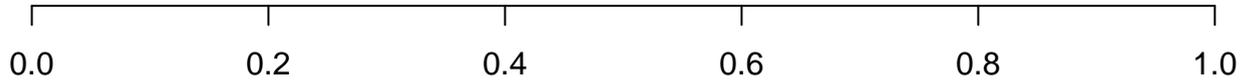
MS fraction

Pro



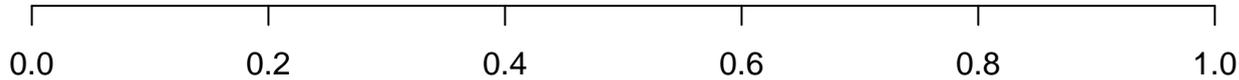
MS fraction

Pyr



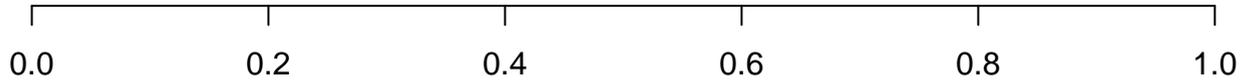
MS fraction

Suc



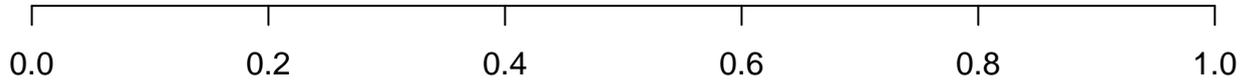
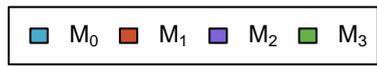
MS fraction

SucCoA



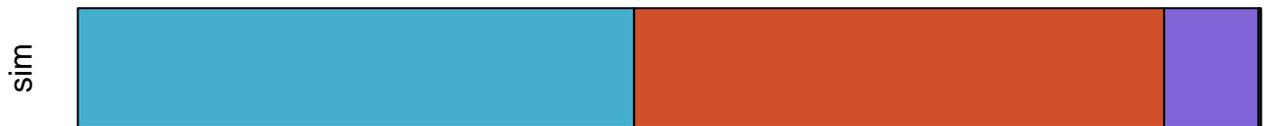
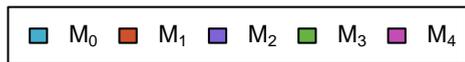
MS fraction

TA-C3



MS fraction

Thr



MS fraction

TK-C2



MS fraction