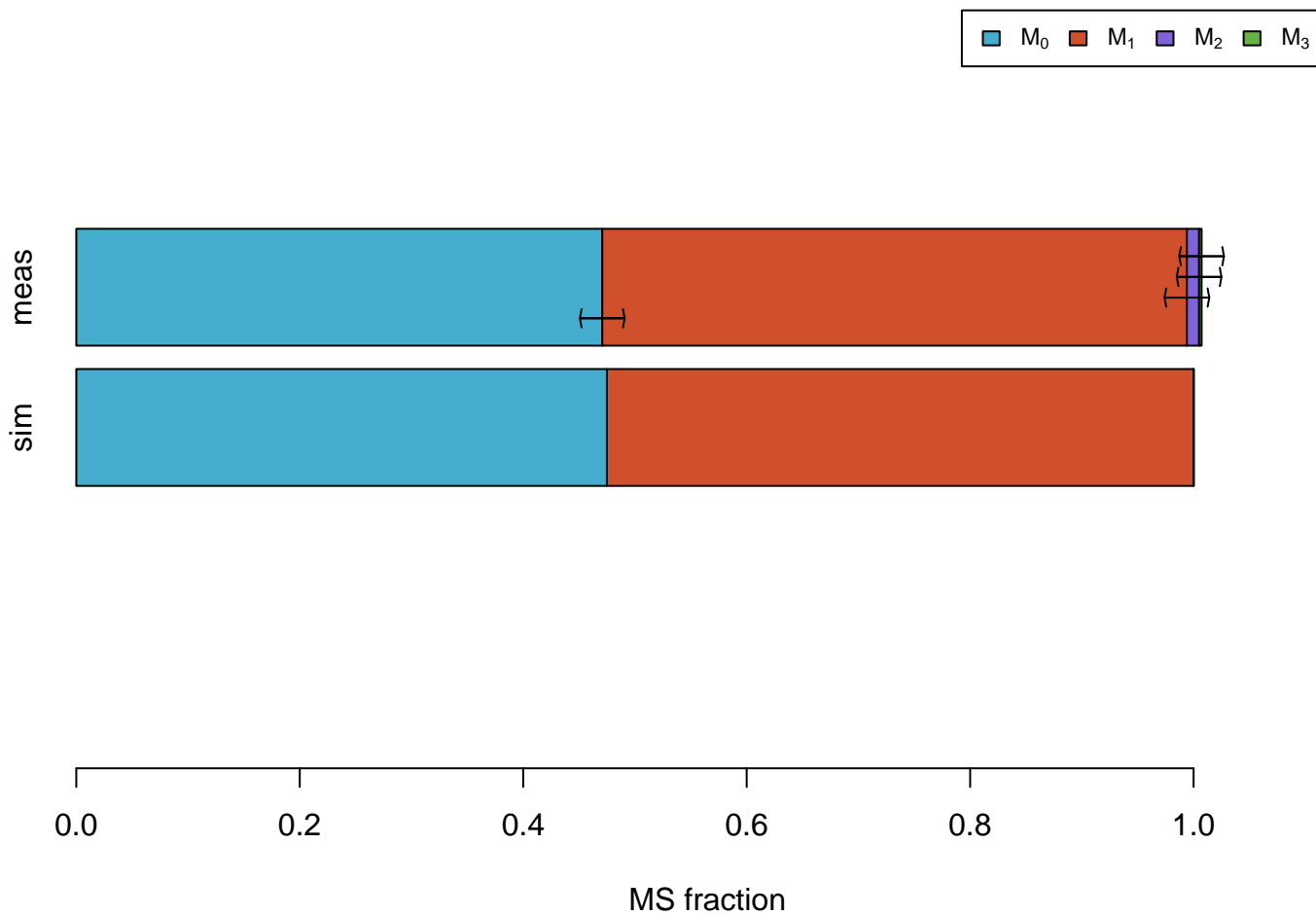
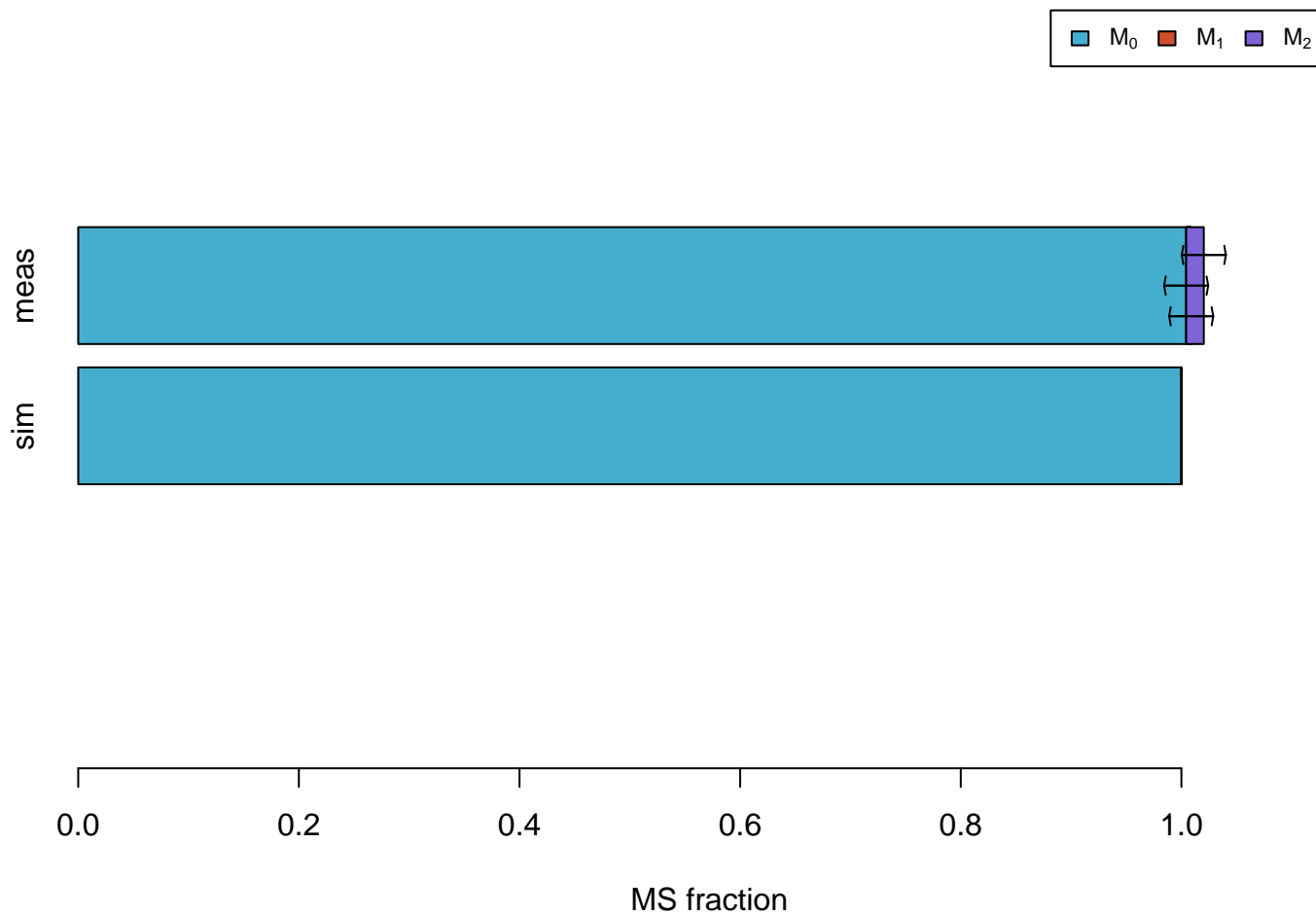


MS measurements
(error bars= $\pm 2 \cdot \text{dev}$)

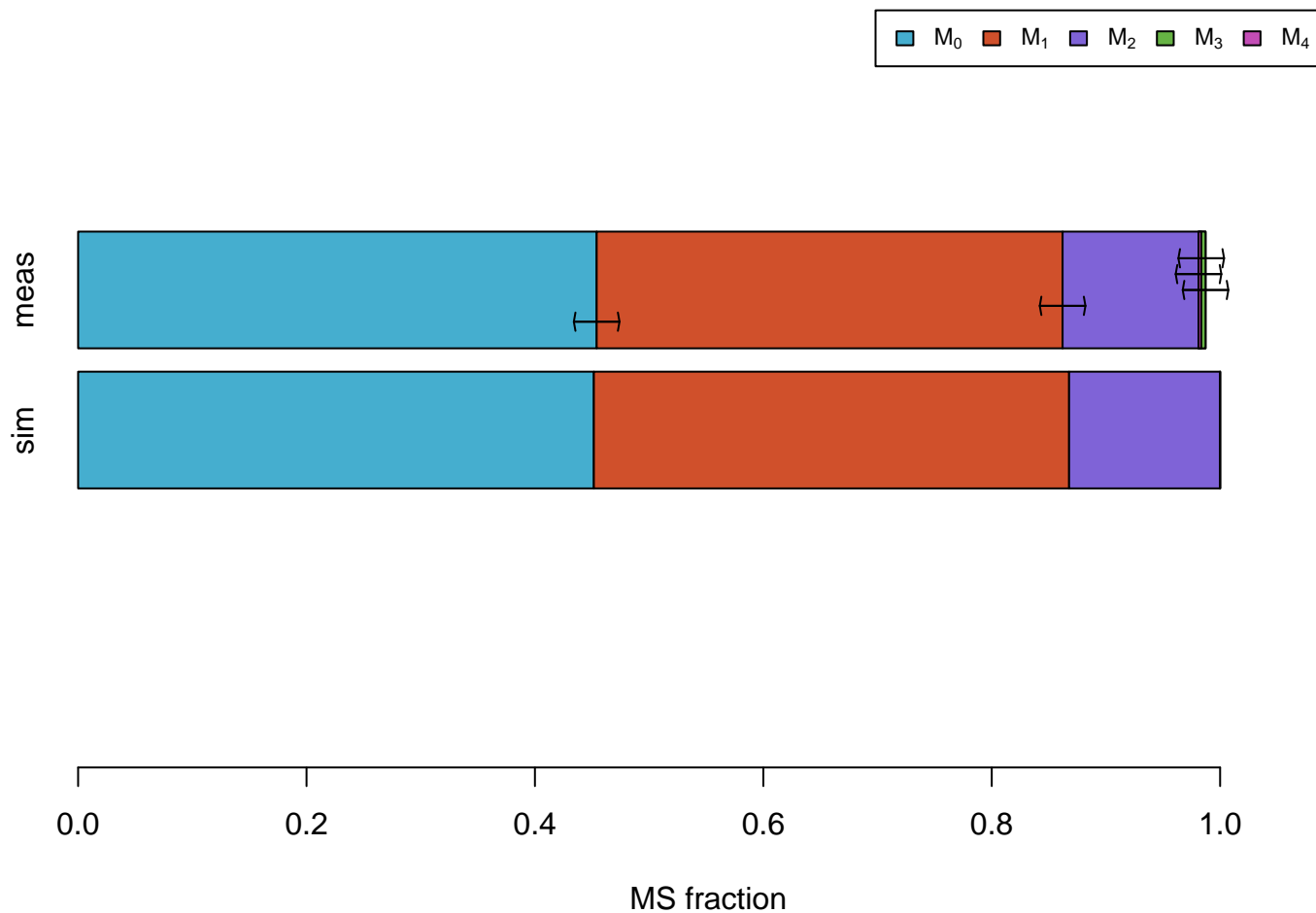
Ala



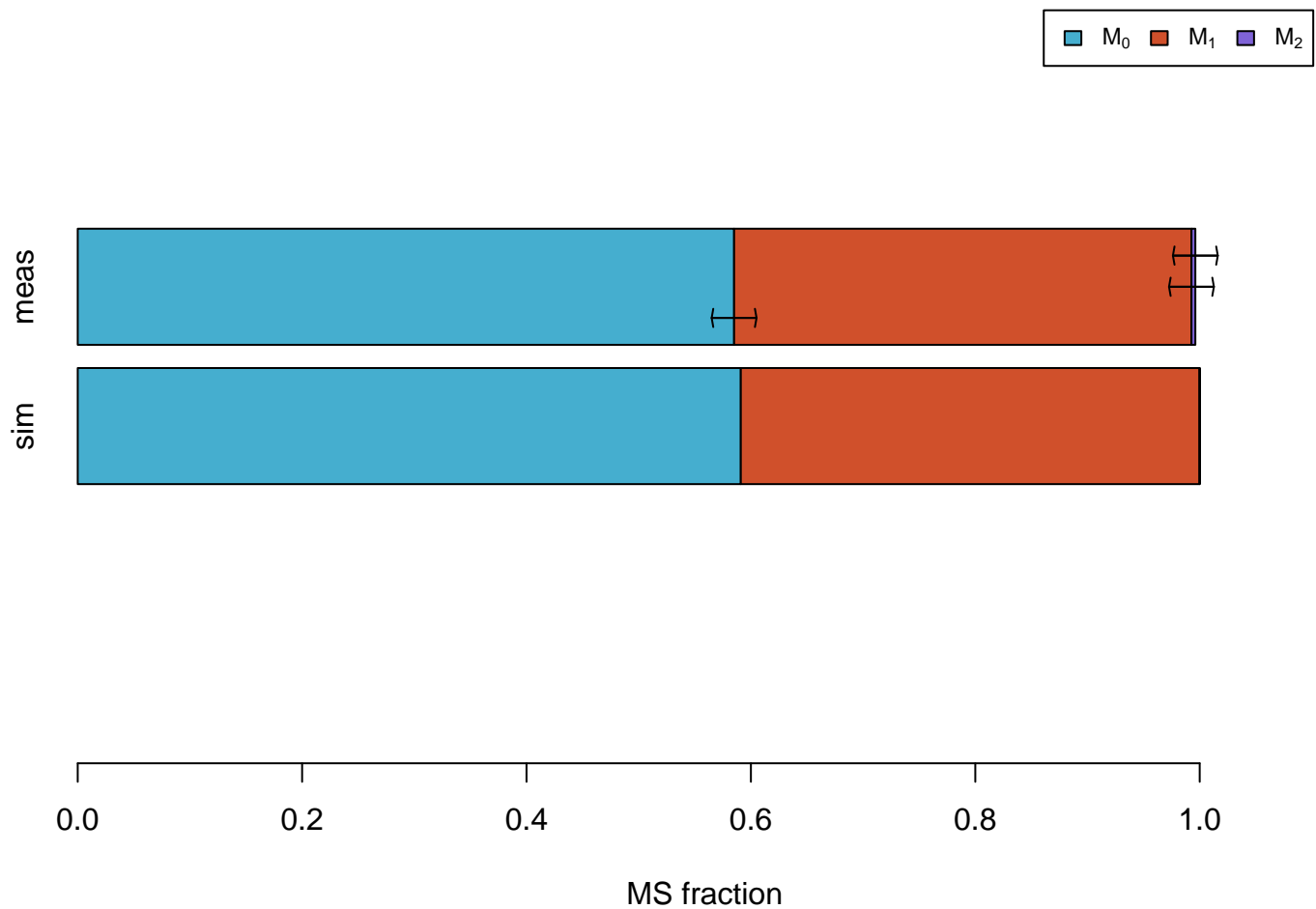
Ala #011



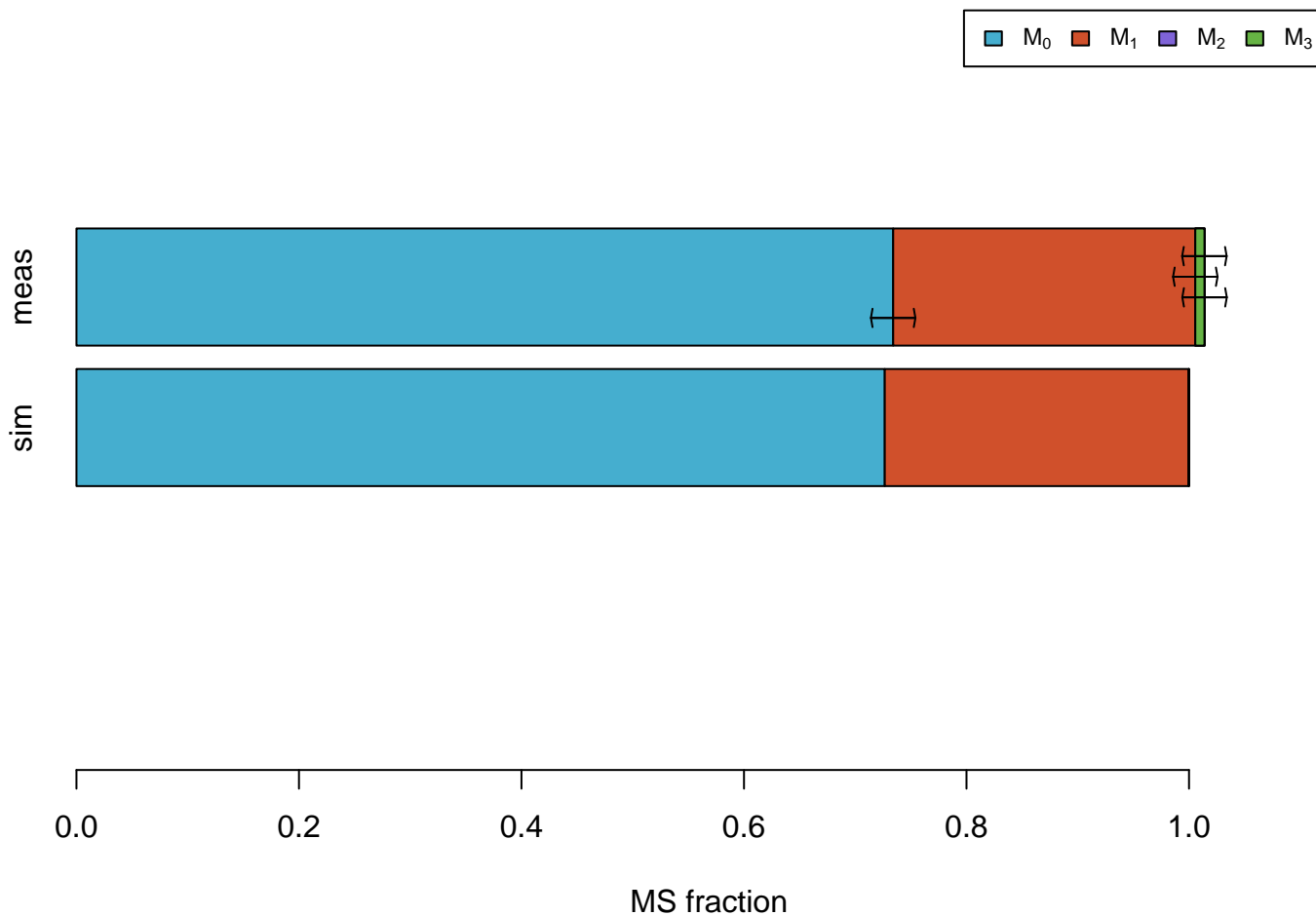
Asp



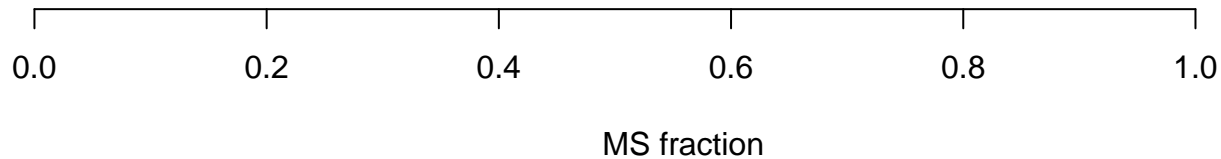
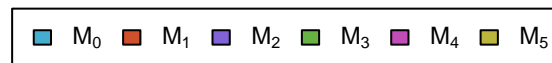
Asp #1100



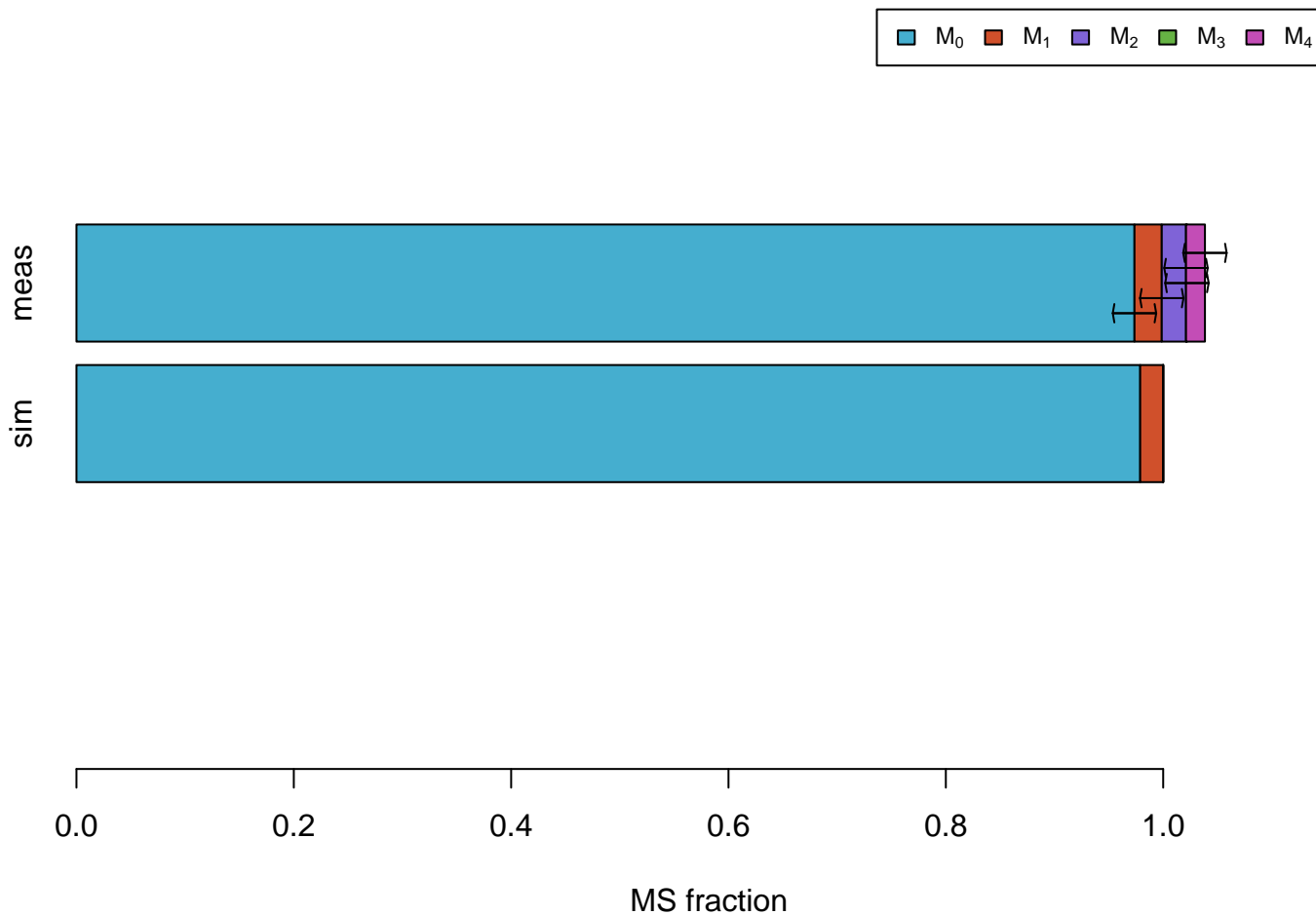
Asp #0111



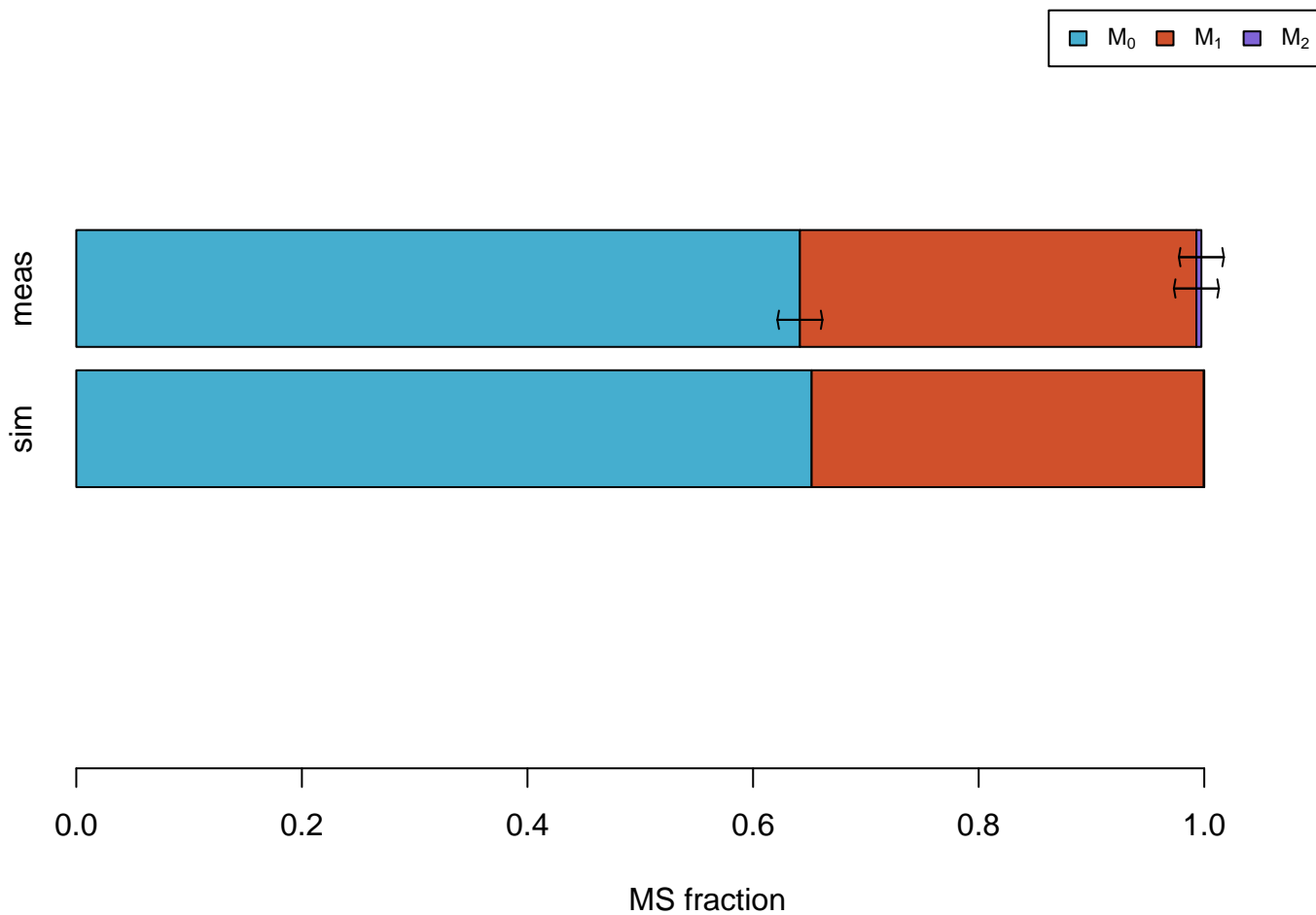
Glu



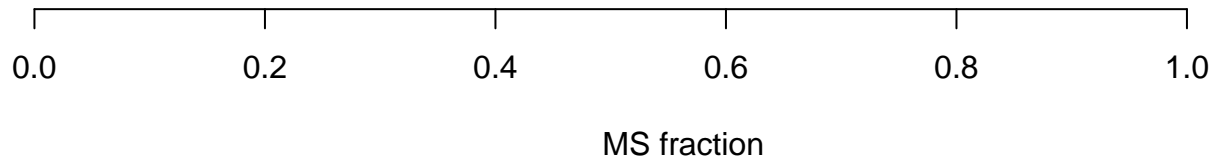
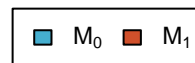
Glu #01111



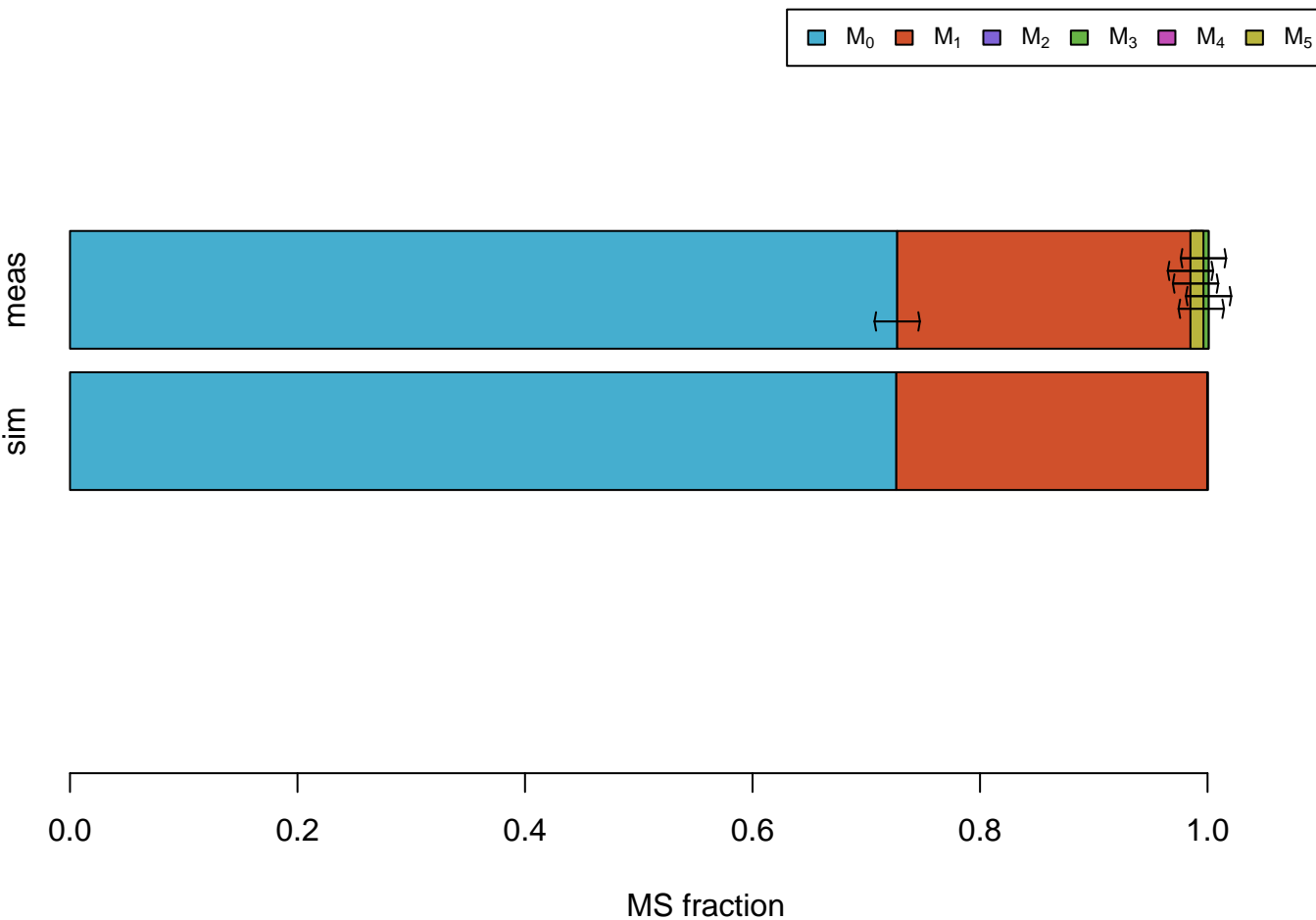
Gly



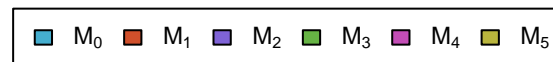
Gly #01



Ile #011111

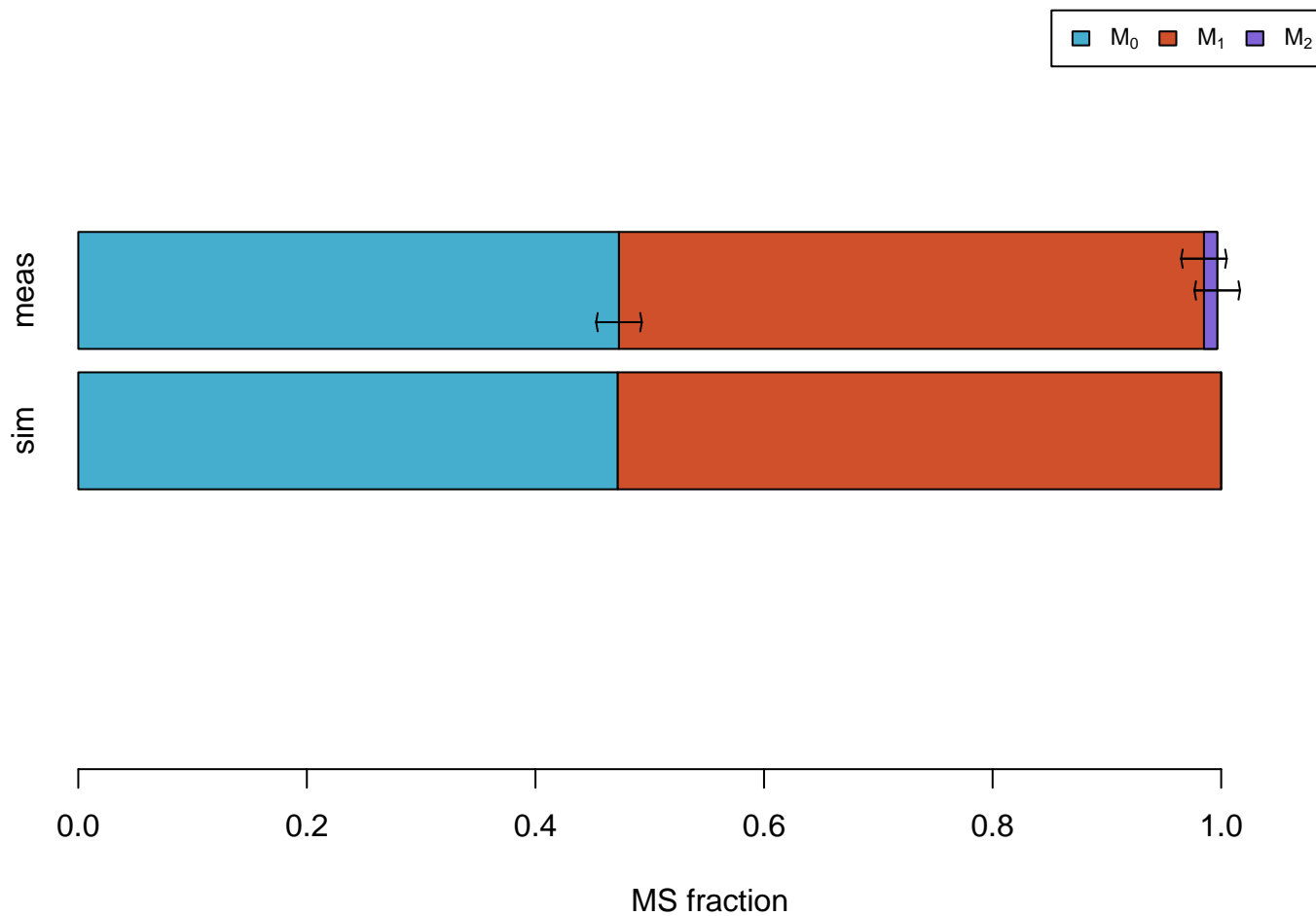


Leu #011111

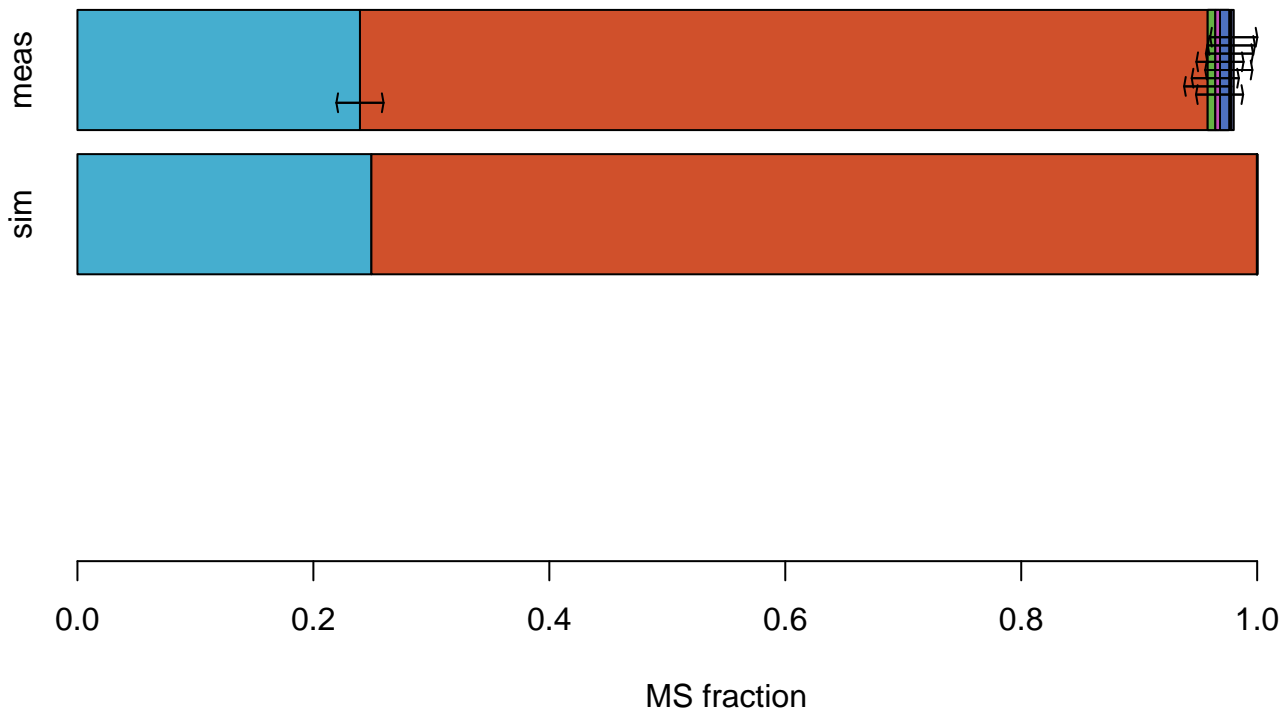


MS fraction

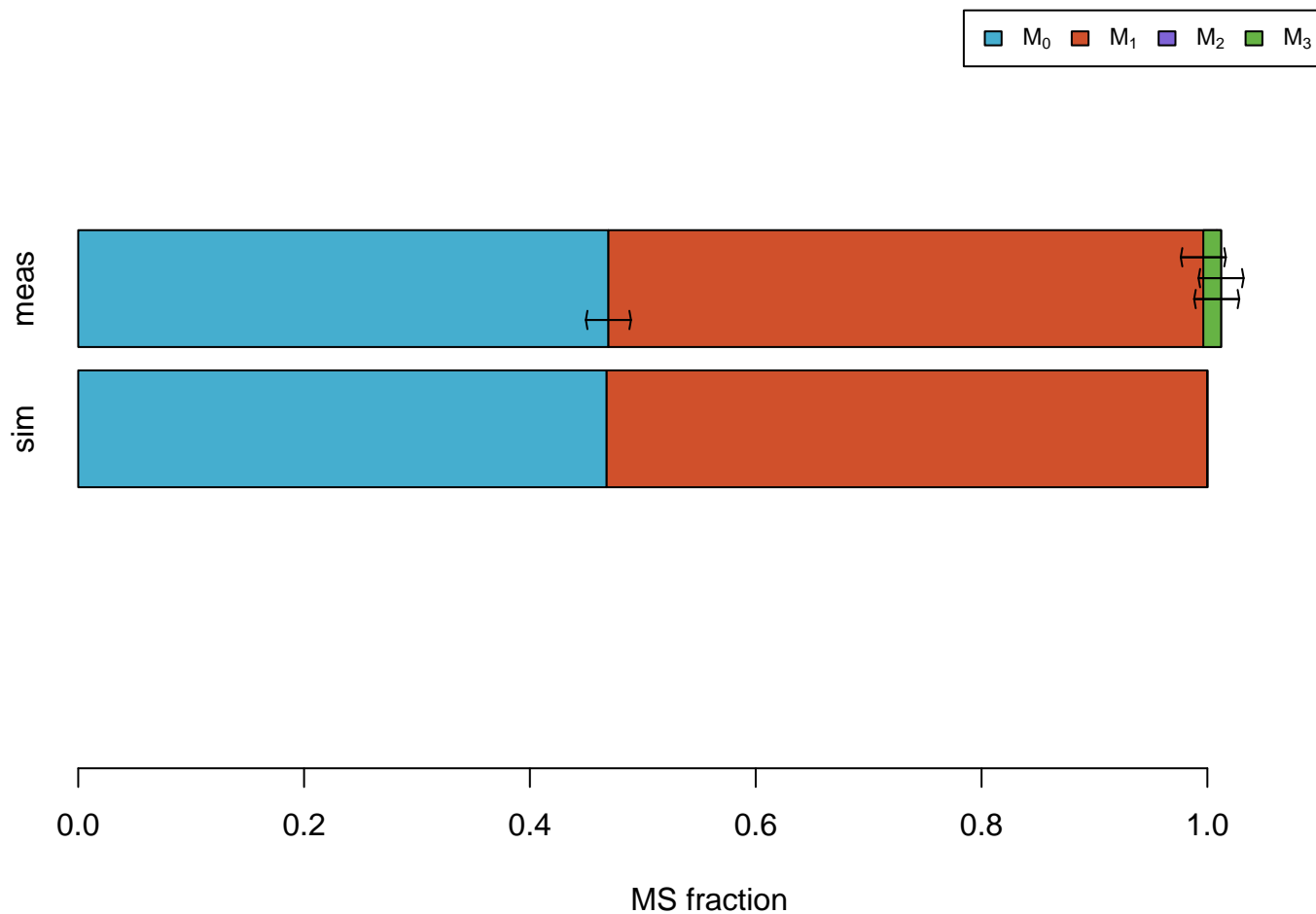
Phe #110000000



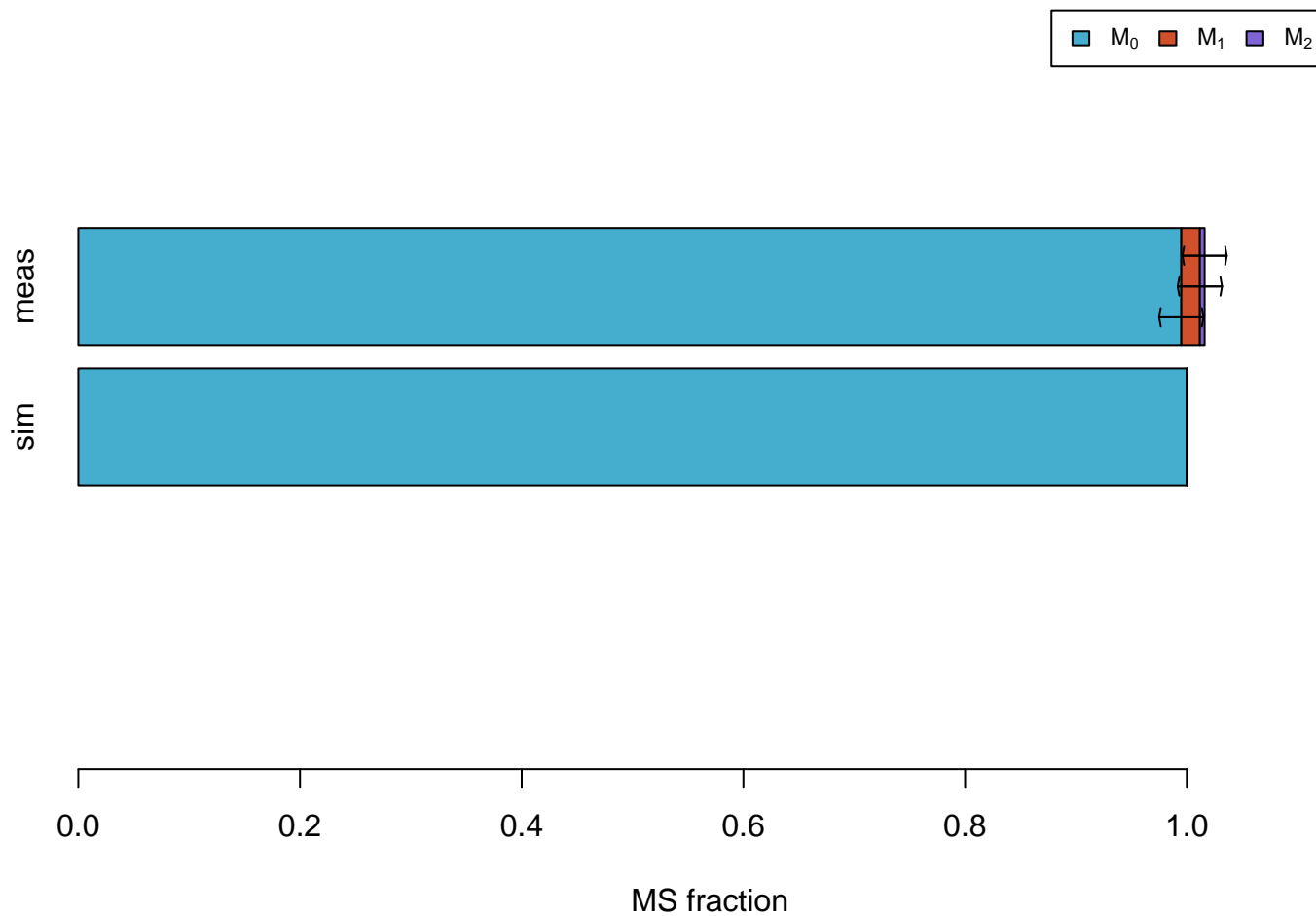
Phe #011111111



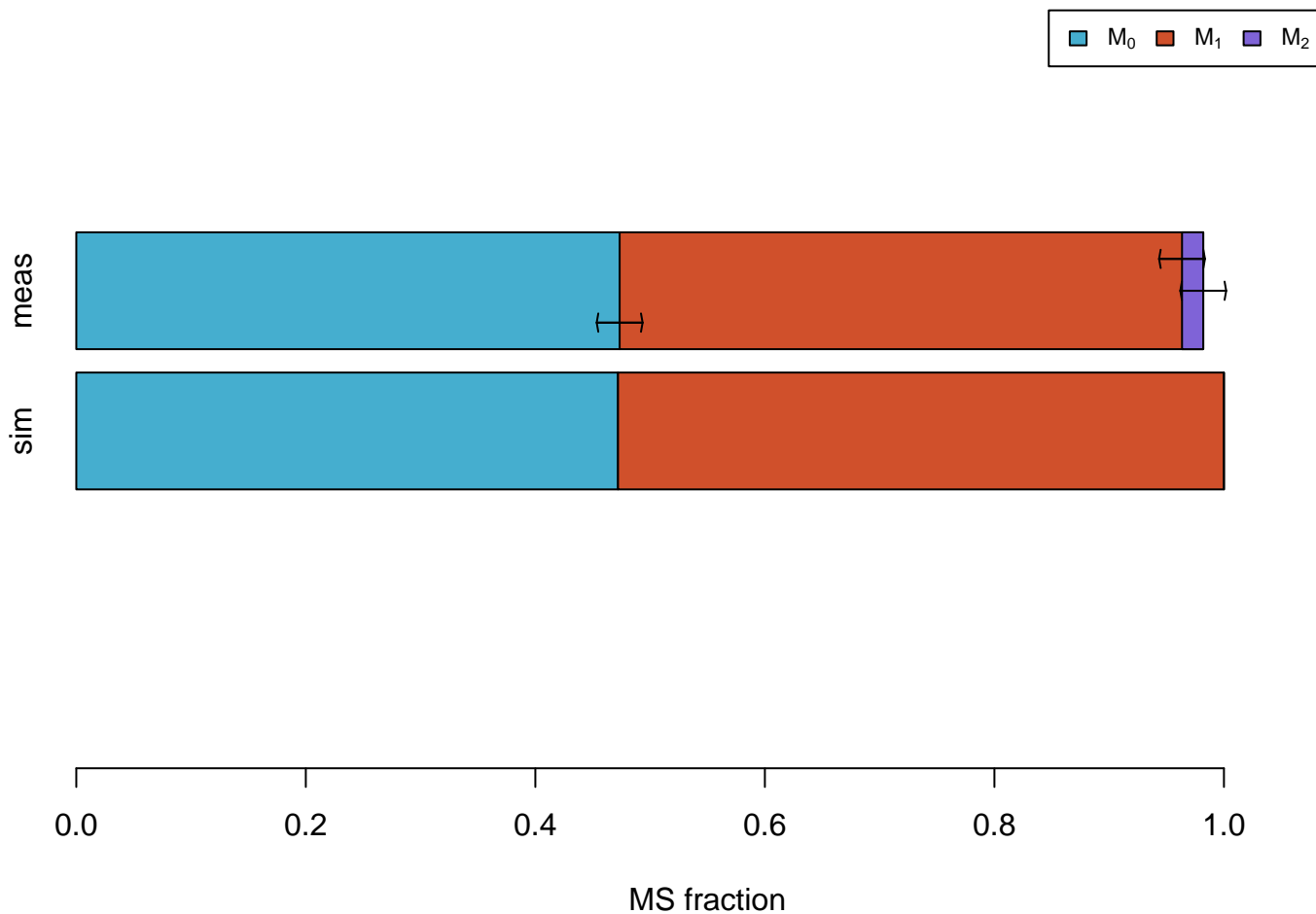
Ser



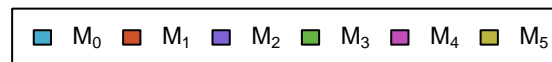
Ser #011



Tyr #110000000

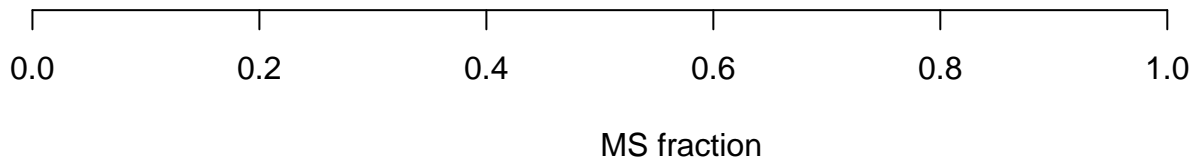


Val

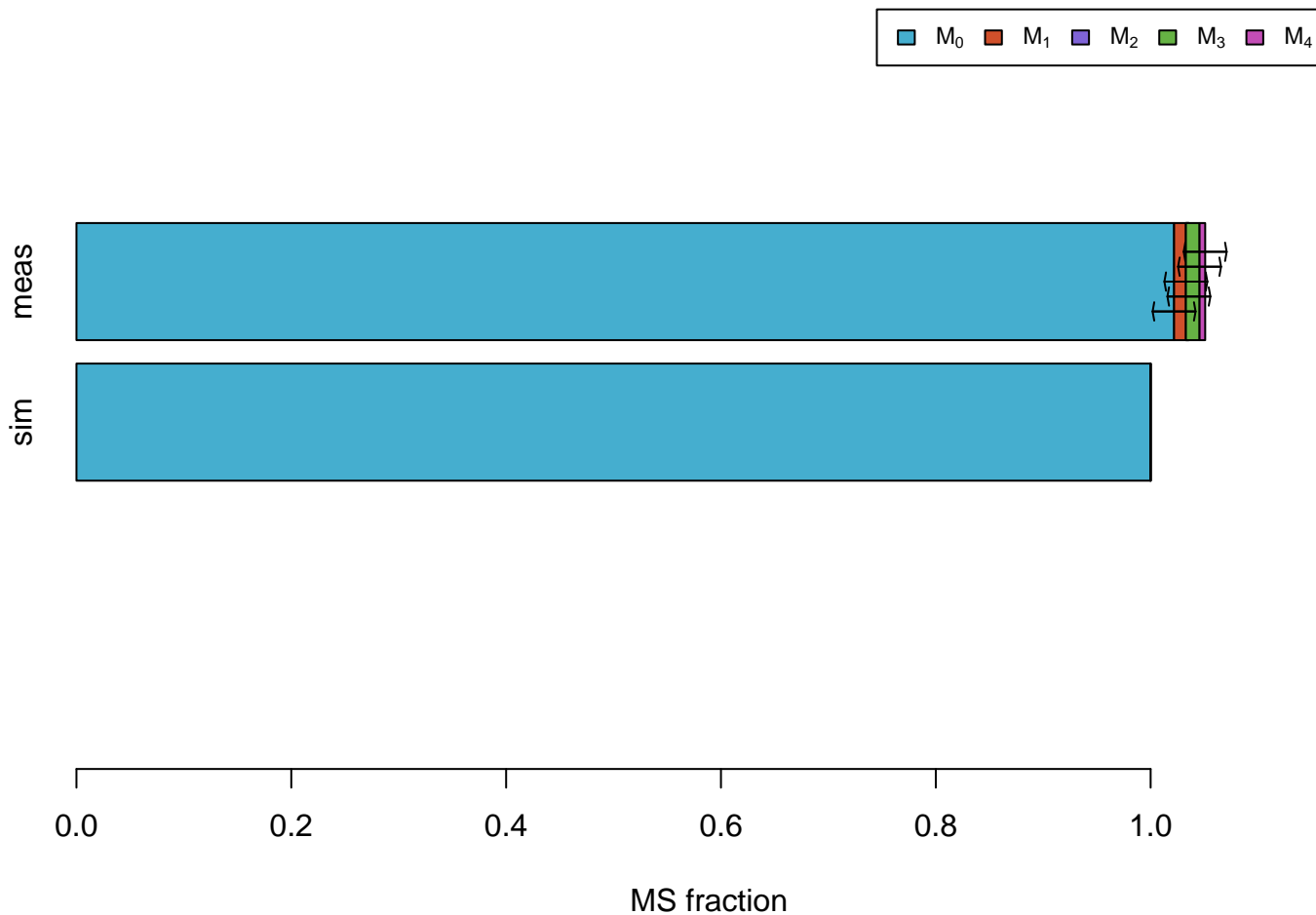


meas

sim



Val #01111



MS simulations

3PG



MS fraction

Ac



sim

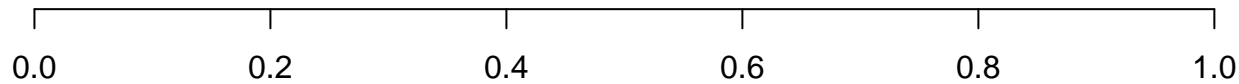


MS fraction

AcCoA

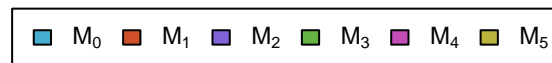


sim



MS fraction

AKG



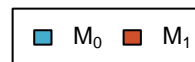
MS fraction

Asn



MS fraction

CO2



sim



MS fraction

Cys



MS fraction

DHAP



sim



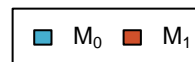
MS fraction

E4P

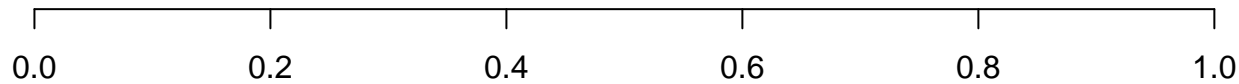


MS fraction

FTHF

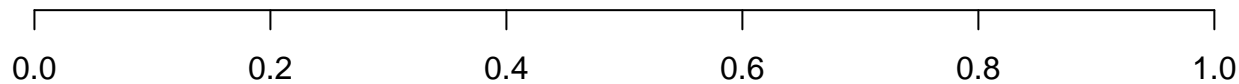


sim



MS fraction

Fum



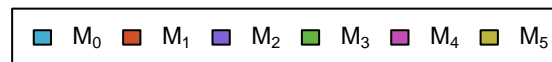
MS fraction

GAP



MS fraction

Gln



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction

Glyox

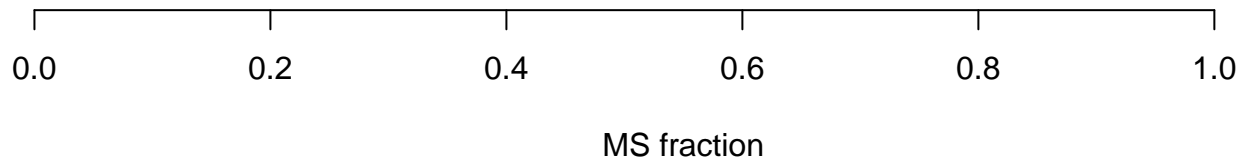


sim

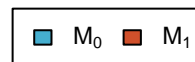


MS fraction

Mal



MEETHF



sim



0.0

0.2

0.4

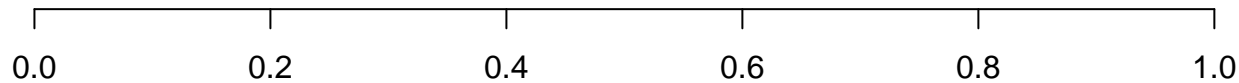
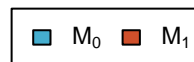
0.6

0.8

1.0

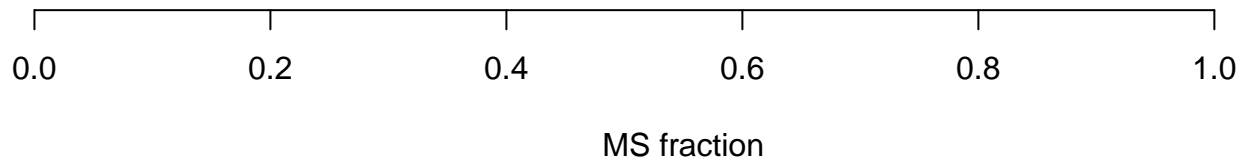
MS fraction

METHF

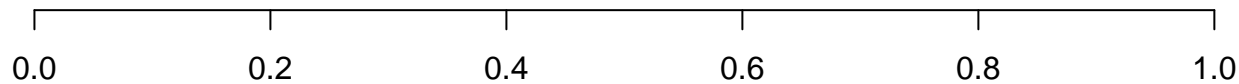


MS fraction

OAC

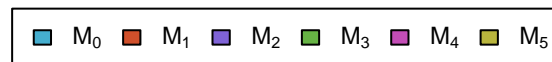


PEP



MS fraction

Pro



sim



MS fraction

Pyr



MS fraction

Suc



sim



MS fraction

SucCoA



sim



MS fraction

TA-C3



sim



MS fraction

Thr



sim



MS fraction

TK-C2



sim



MS fraction