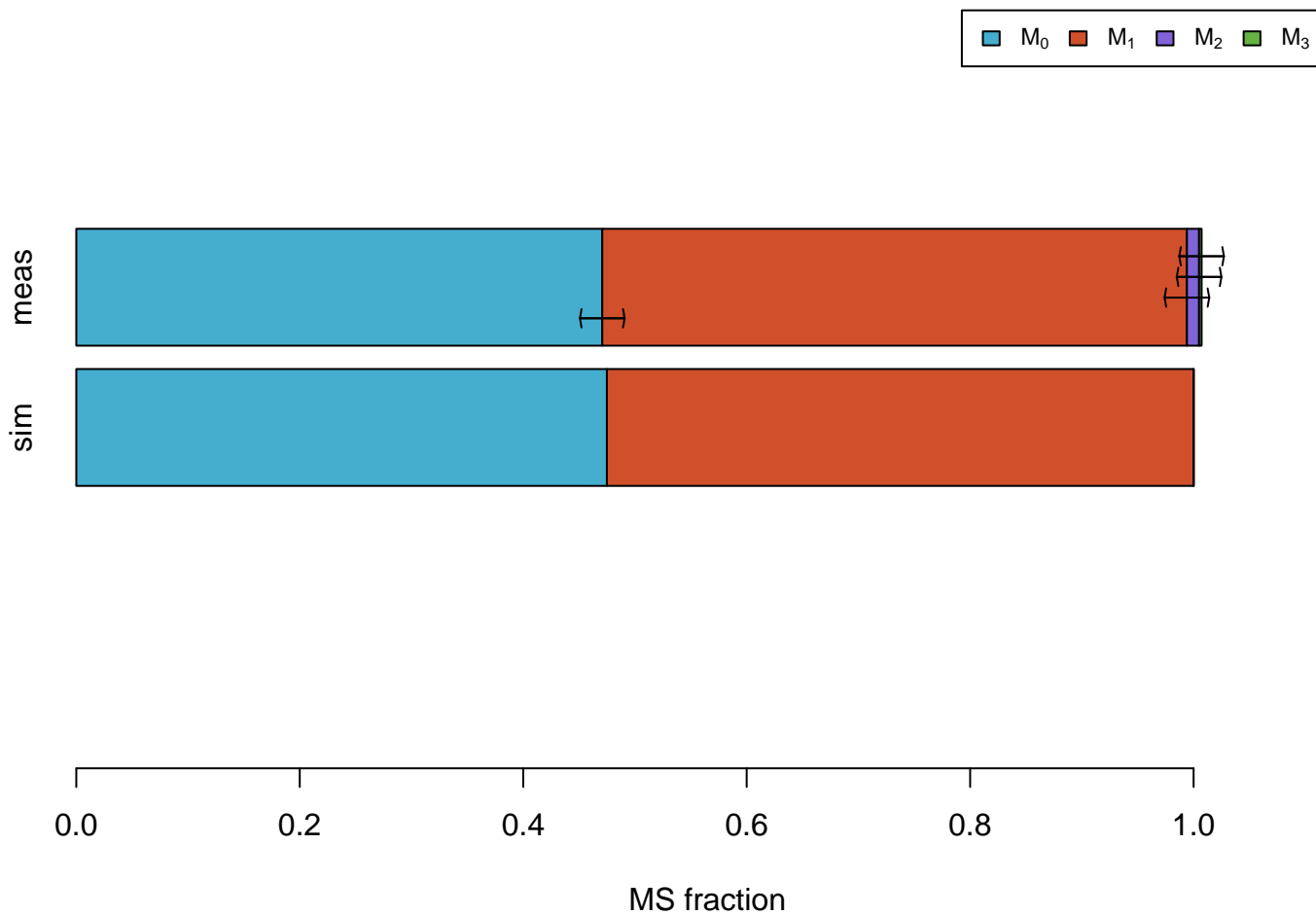
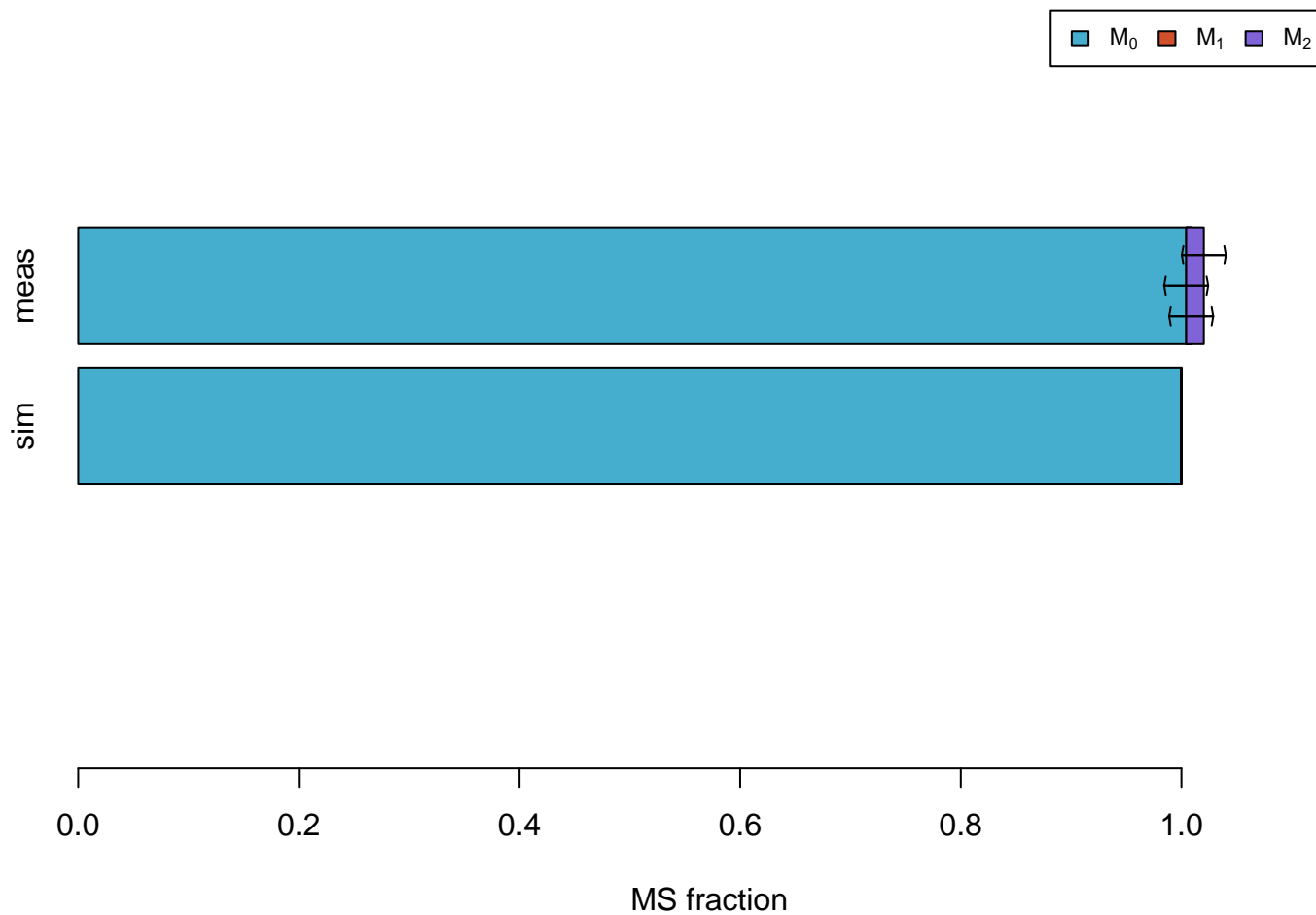


MS measurements
(error bars= $\pm 2 \cdot \text{dev}$)

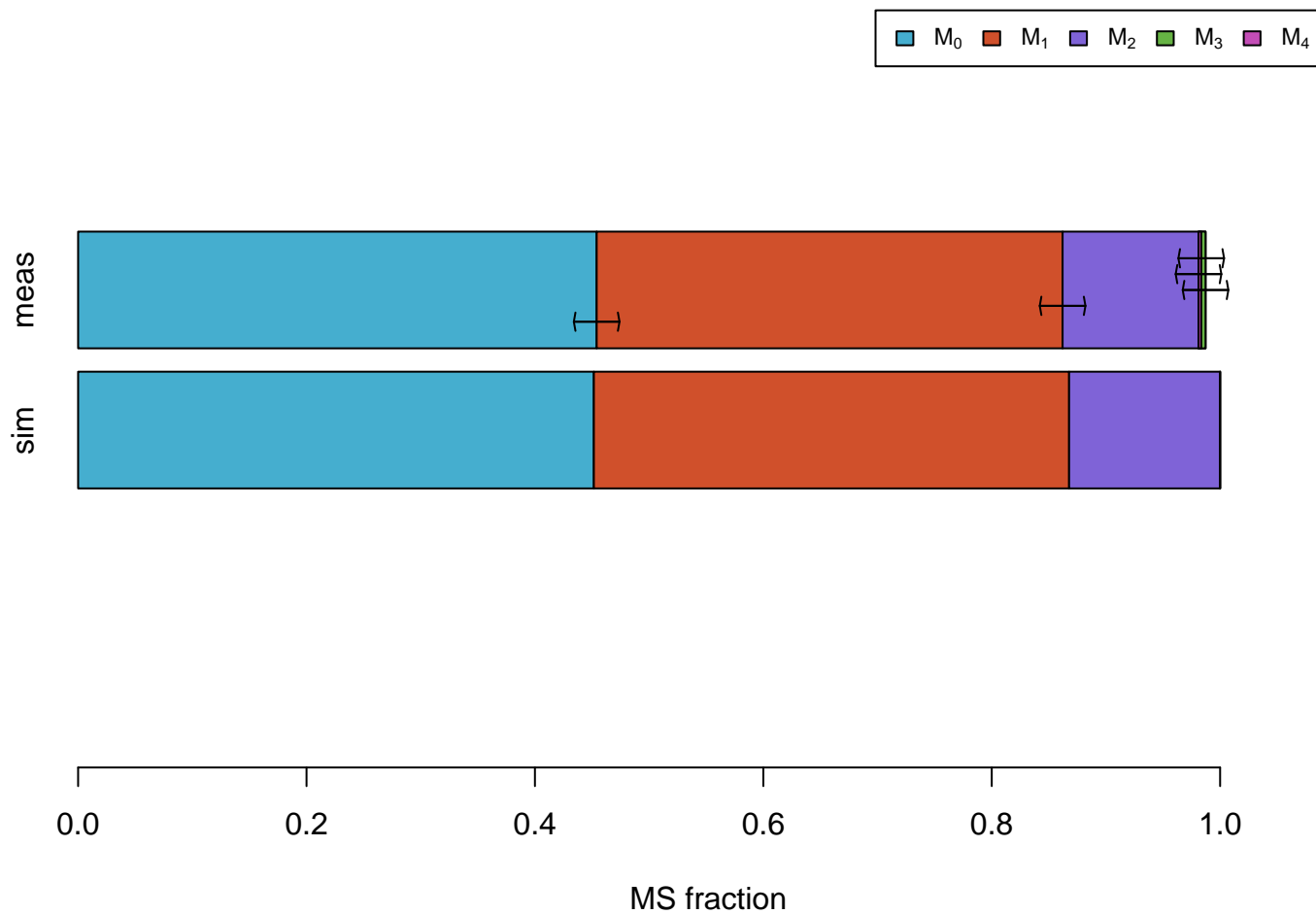
Ala



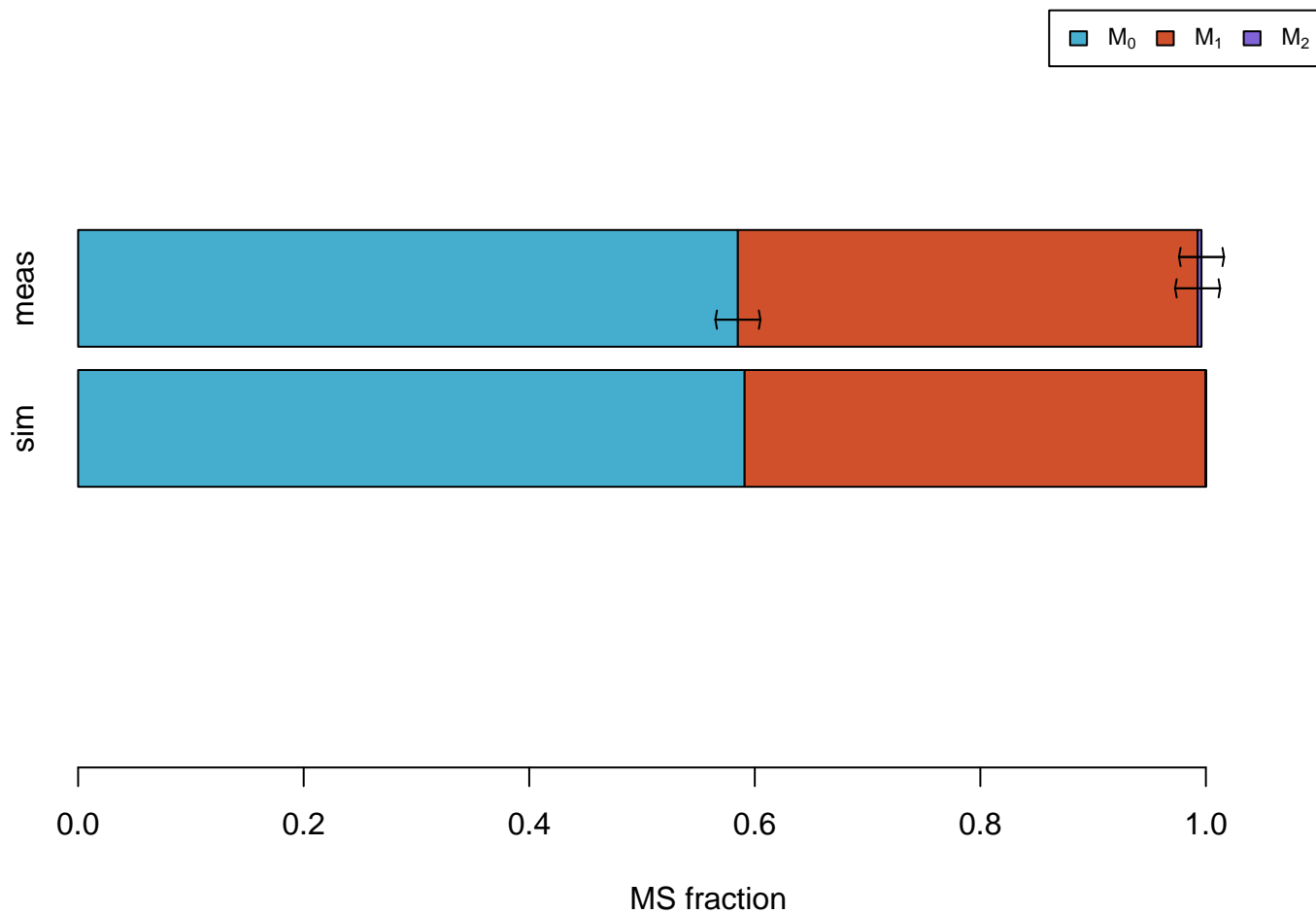
Ala #011



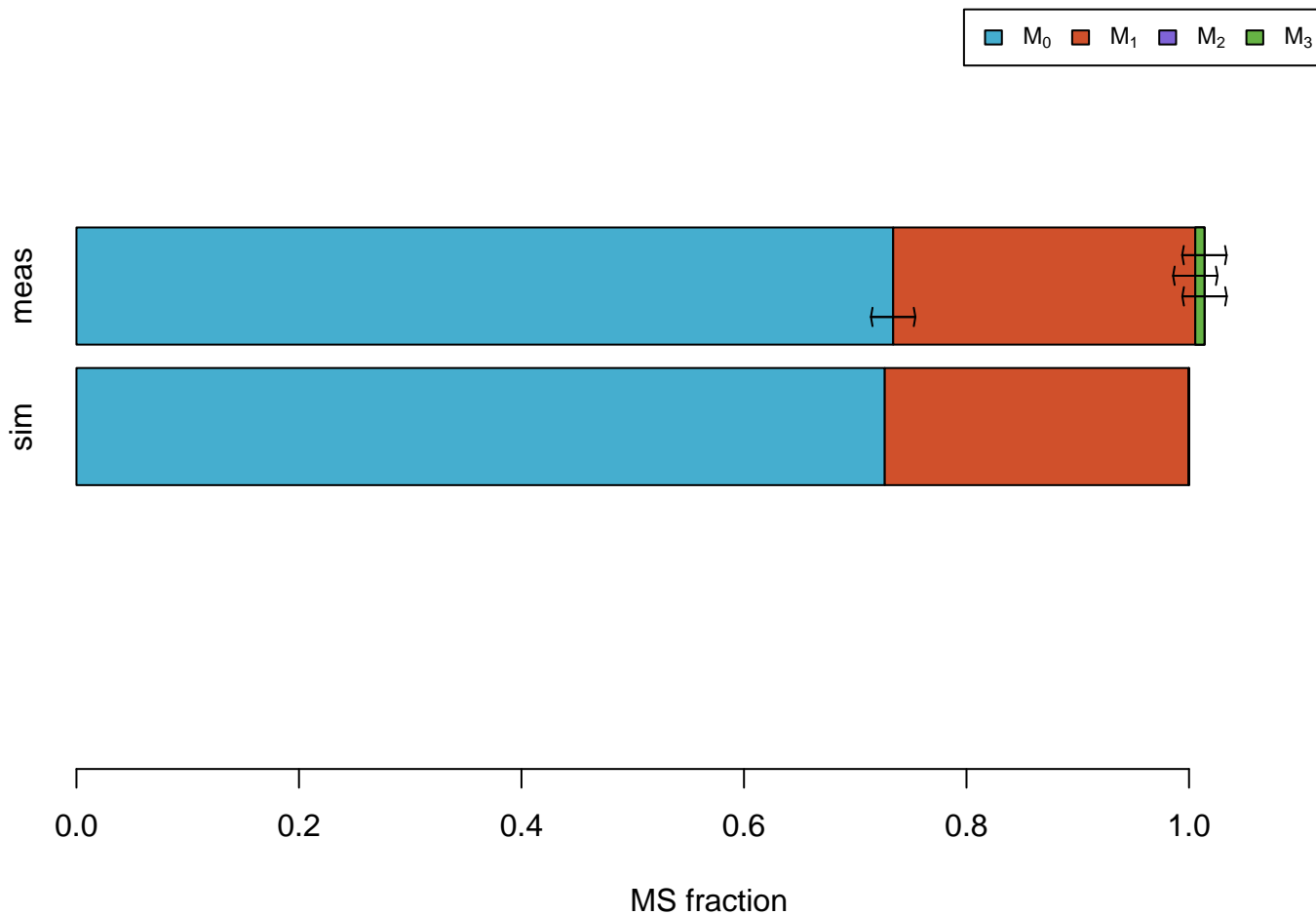
Asp



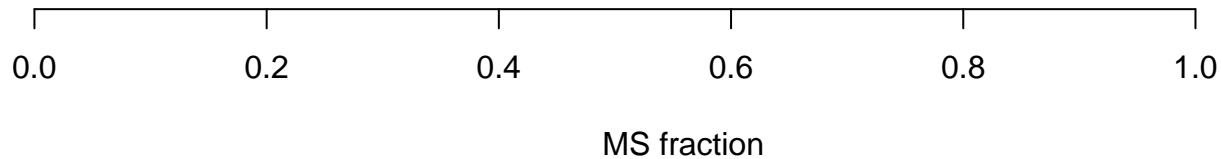
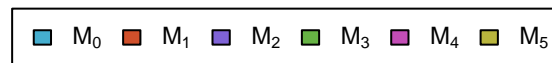
Asp #1100



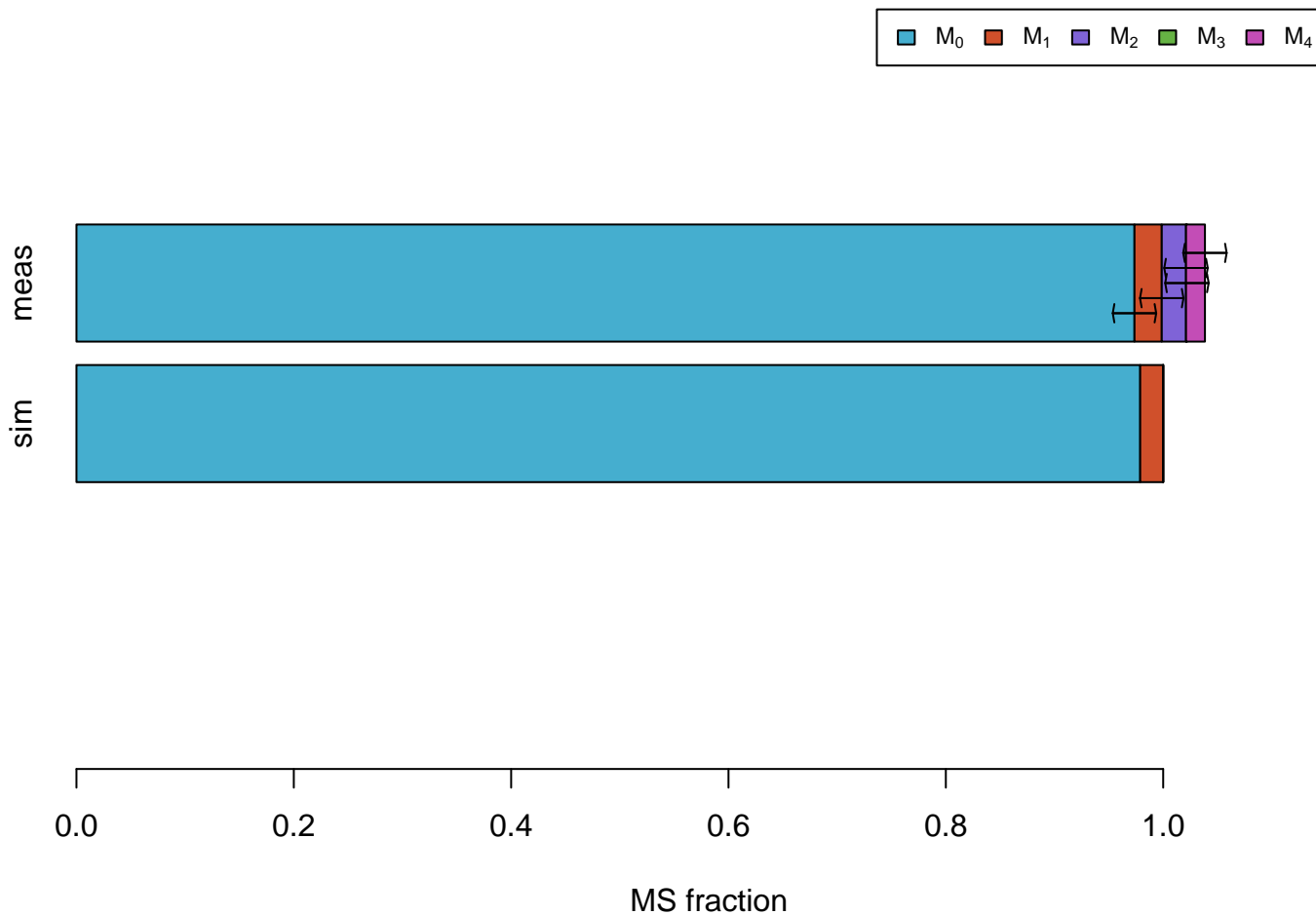
Asp #0111



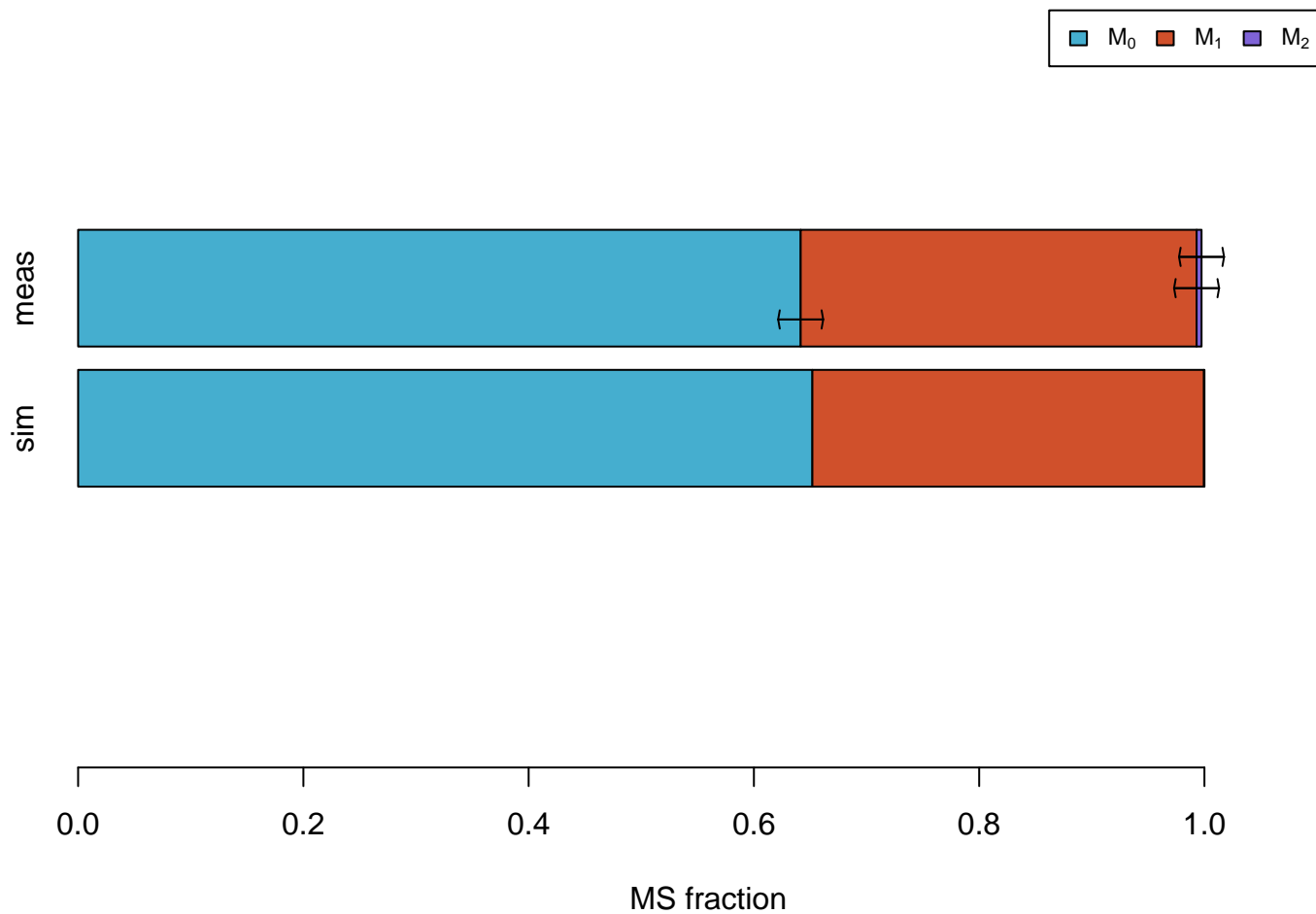
Glu



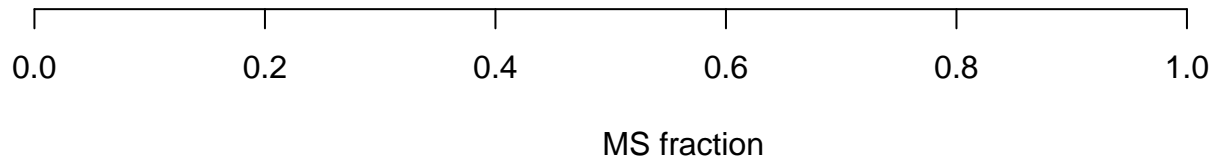
Glu #01111



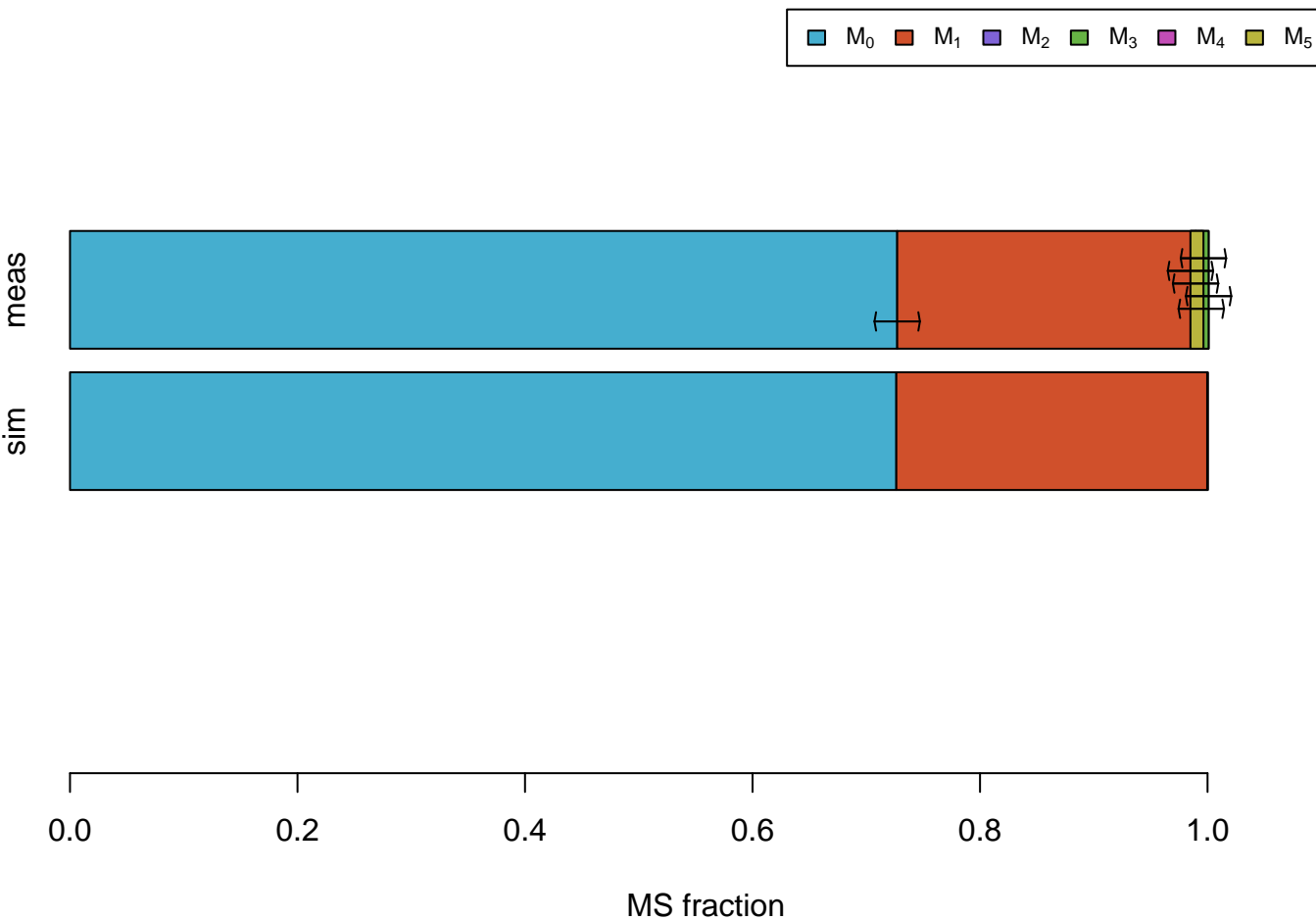
Gly



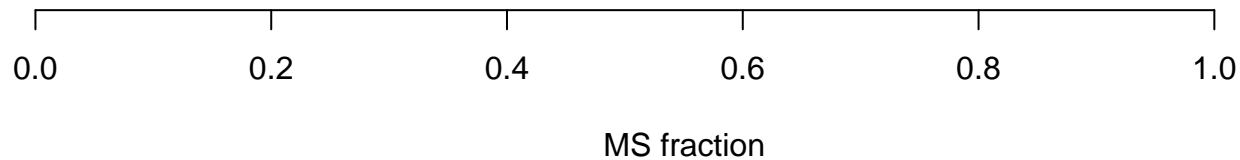
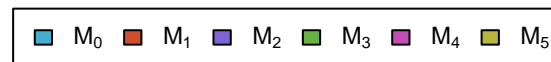
Gly #01



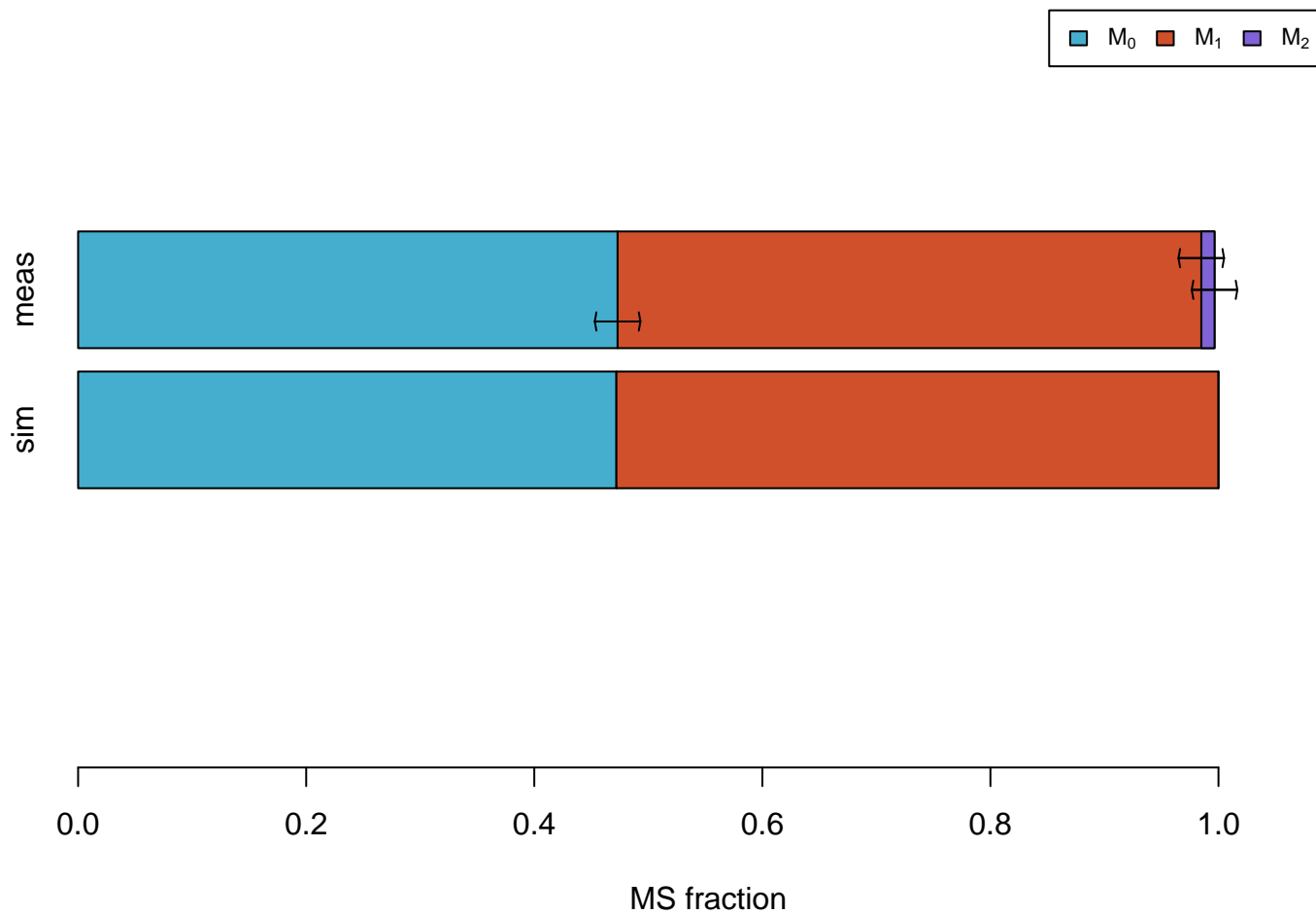
Ile #011111



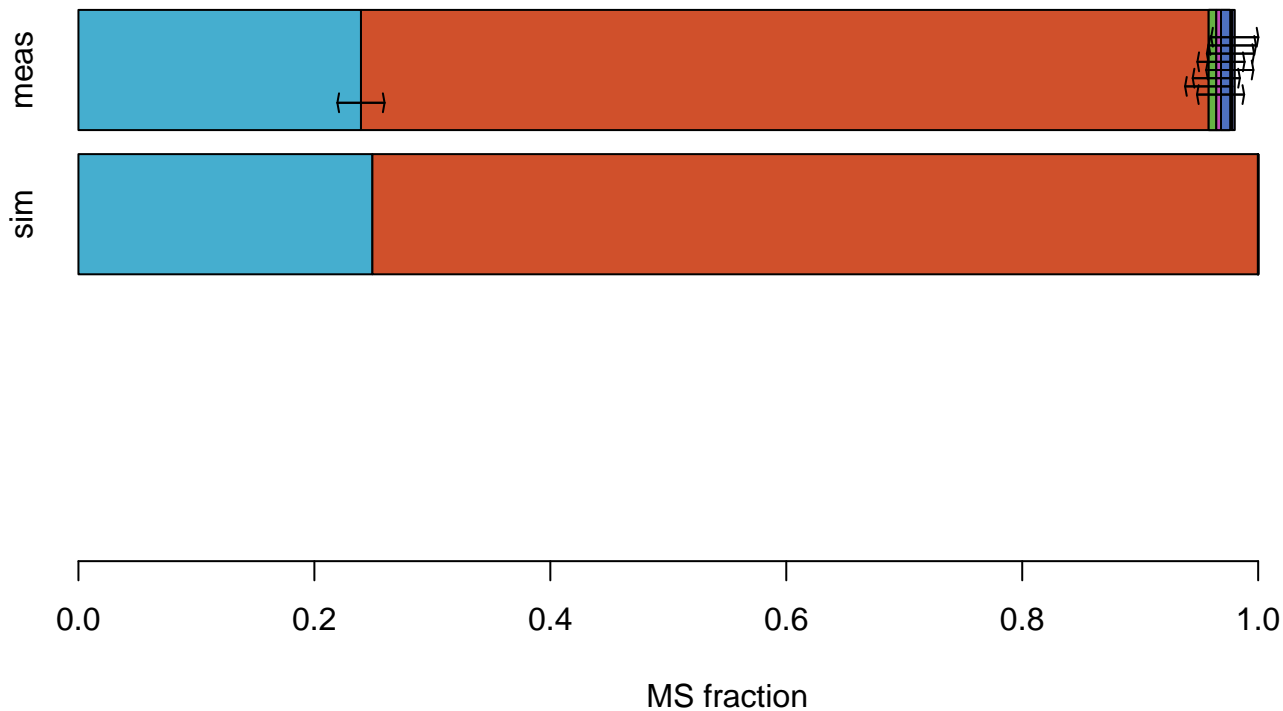
Leu #011111



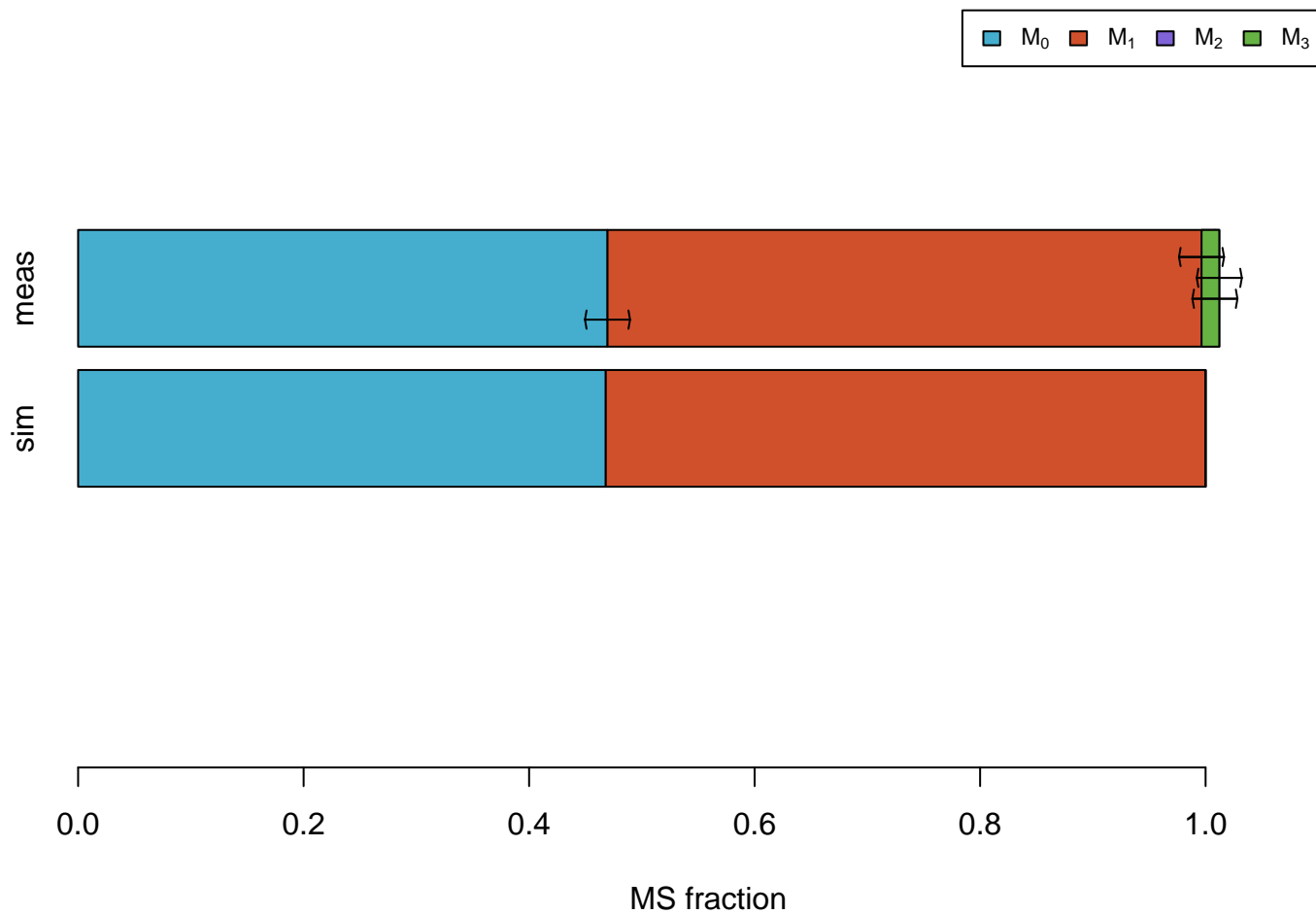
Phe #110000000



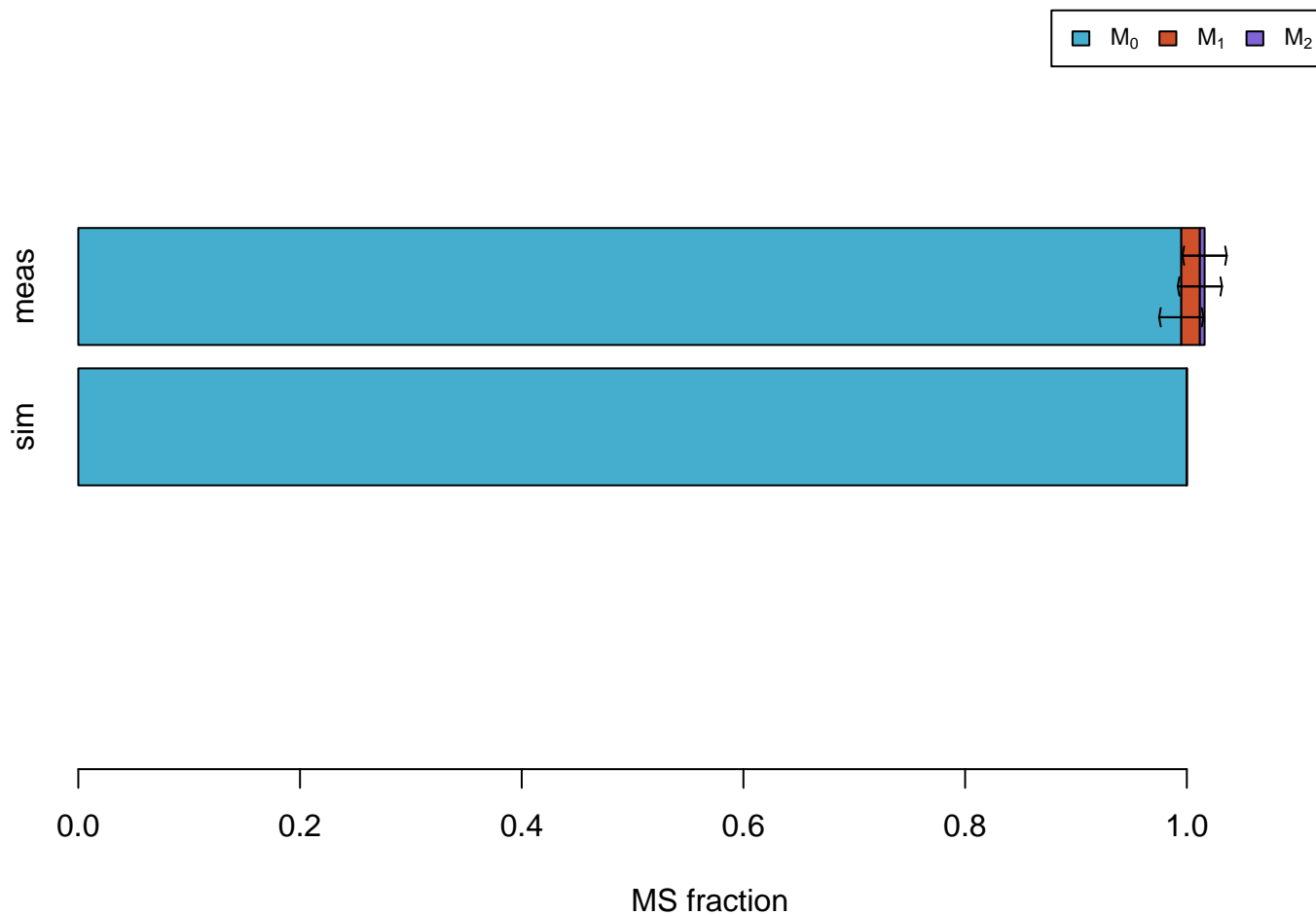
Phe #011111111



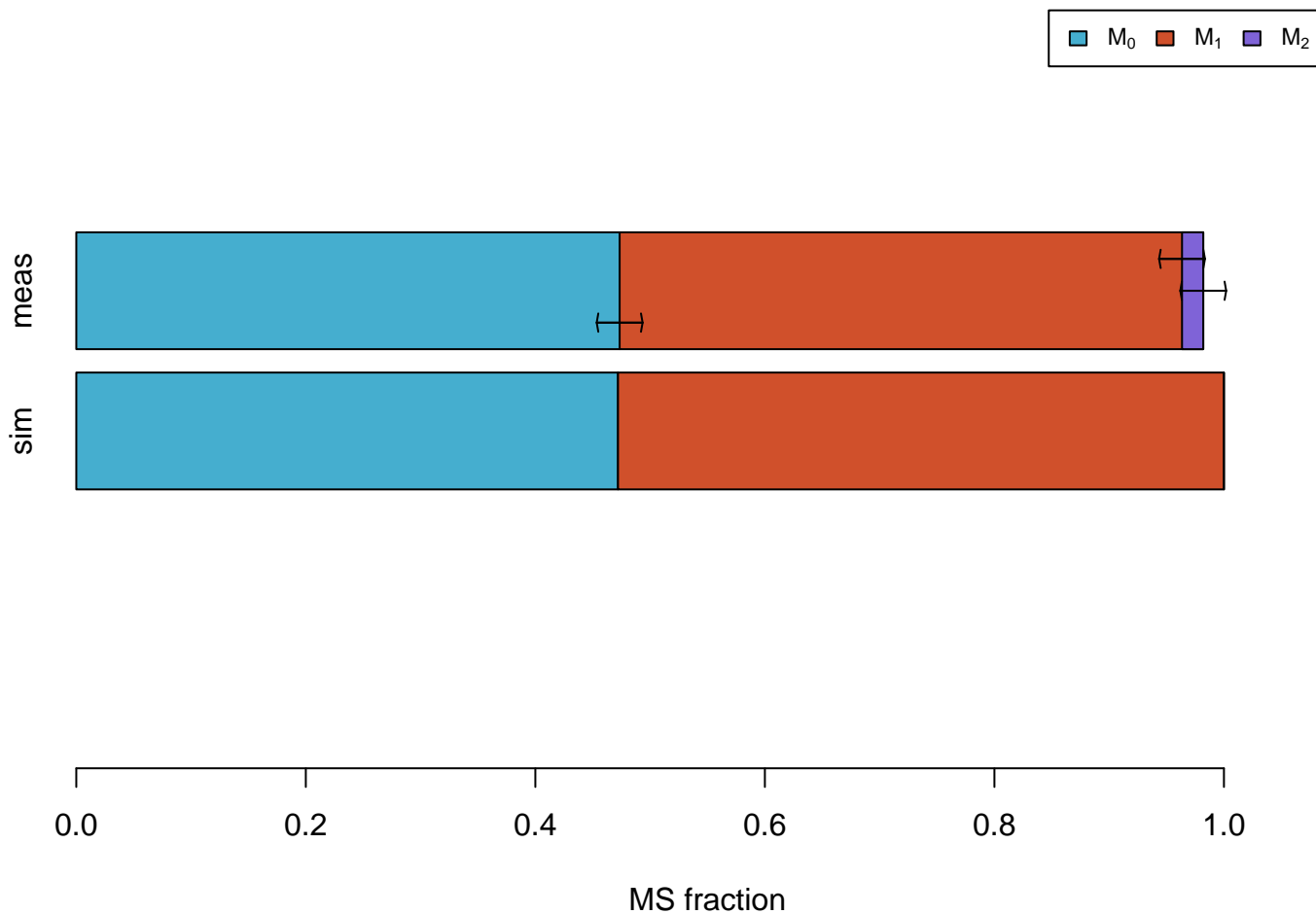
Ser



Ser #011



Tyr #110000000

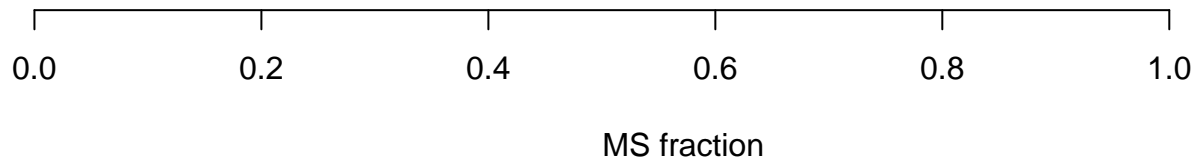


Val

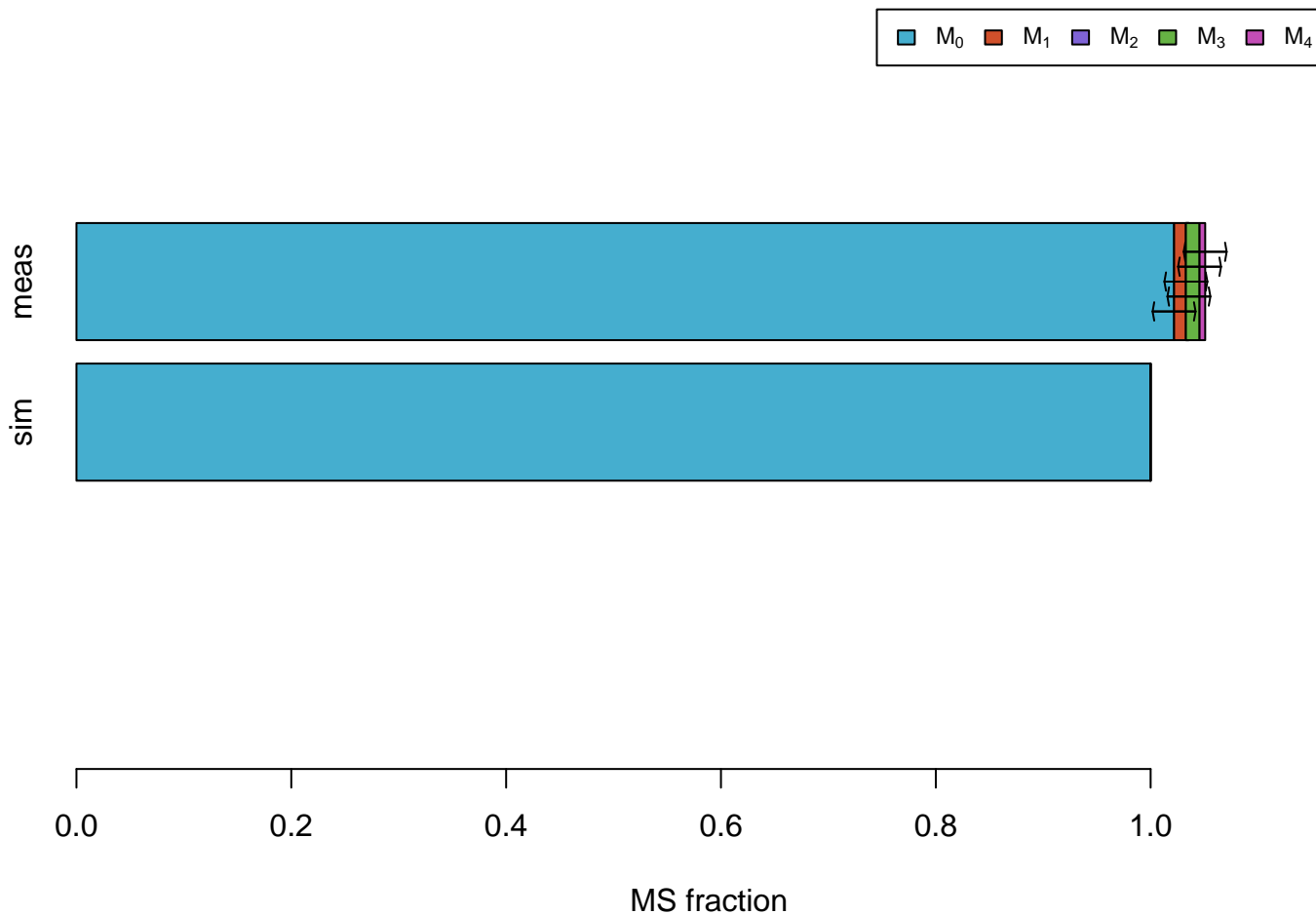


meas

sim



Val #01111



MS simulations

3PG



MS fraction

Ac



sim



MS fraction

AcCoA



sim



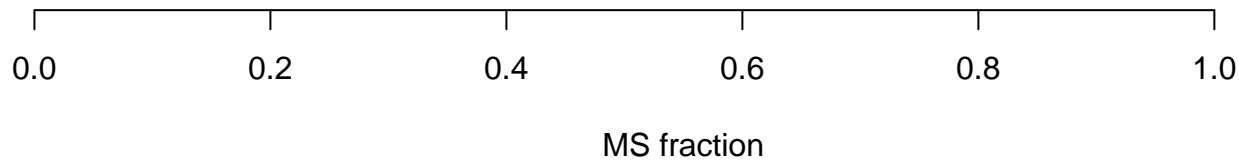
MS fraction

AKG

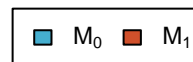


MS fraction

Asn



CO2



sim



MS fraction

Cys



MS fraction

DHAP



sim



MS fraction

E4P



MS fraction

FTHF



sim



MS fraction

Fum



sim



MS fraction

GAP



MS fraction

Gln



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction

Glyox

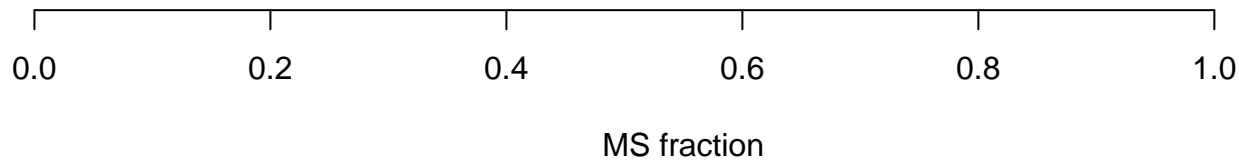


sim



MS fraction

Mal



MEETHF



sim



0.0

0.2

0.4

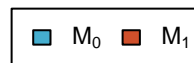
0.6

0.8

1.0

MS fraction

METHF



sim



MS fraction

OAC



MS fraction

PEP



MS fraction

Pro



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction

Pyr



MS fraction

Suc



MS fraction

SucCoA



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction

TA-C3



sim



MS fraction

Thr



sim



0.0

0.2

0.4

0.6

0.8

1.0

MS fraction

TK-C2



sim



MS fraction