MS measurements
(error bars=±2*dev)

Ala
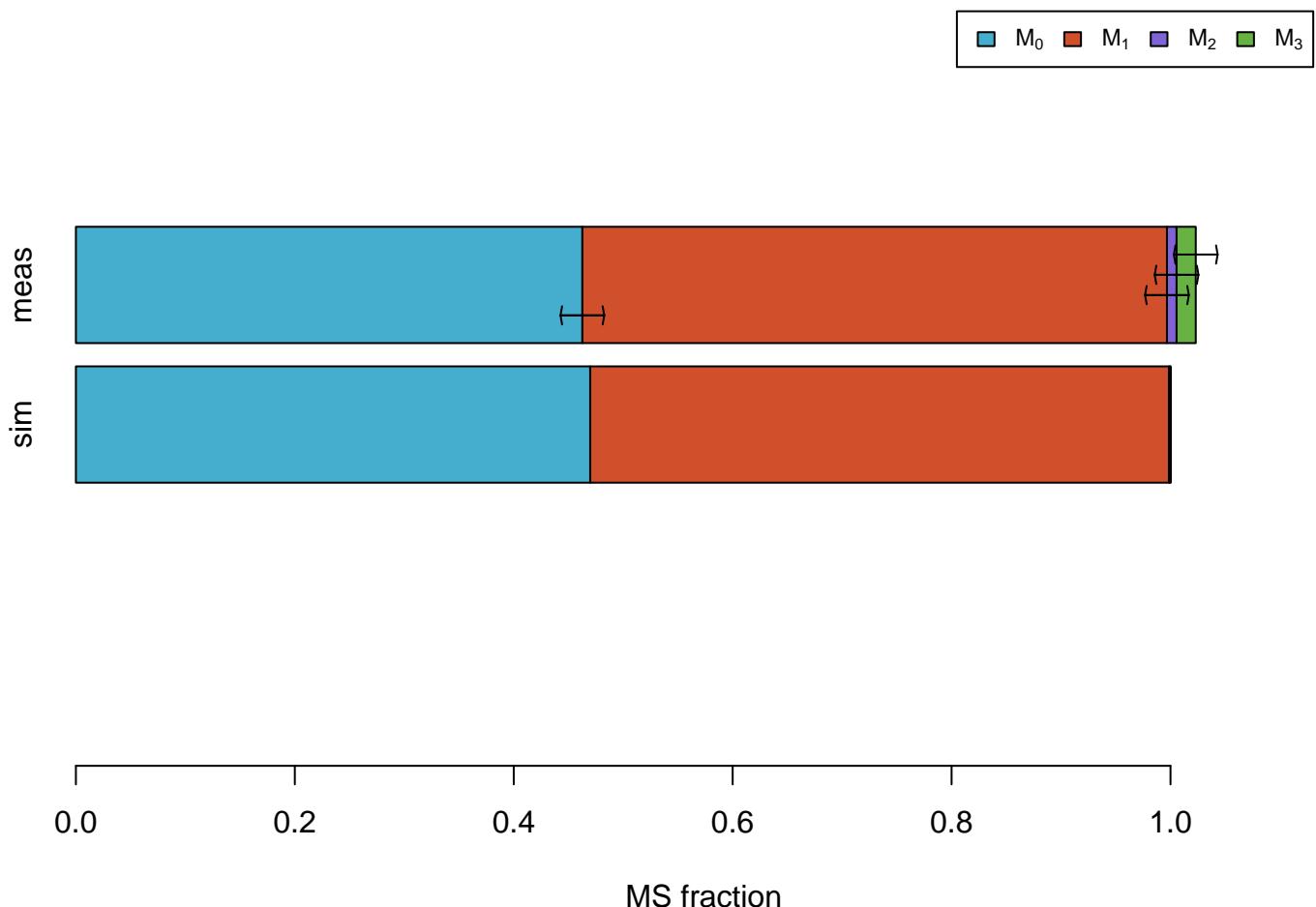
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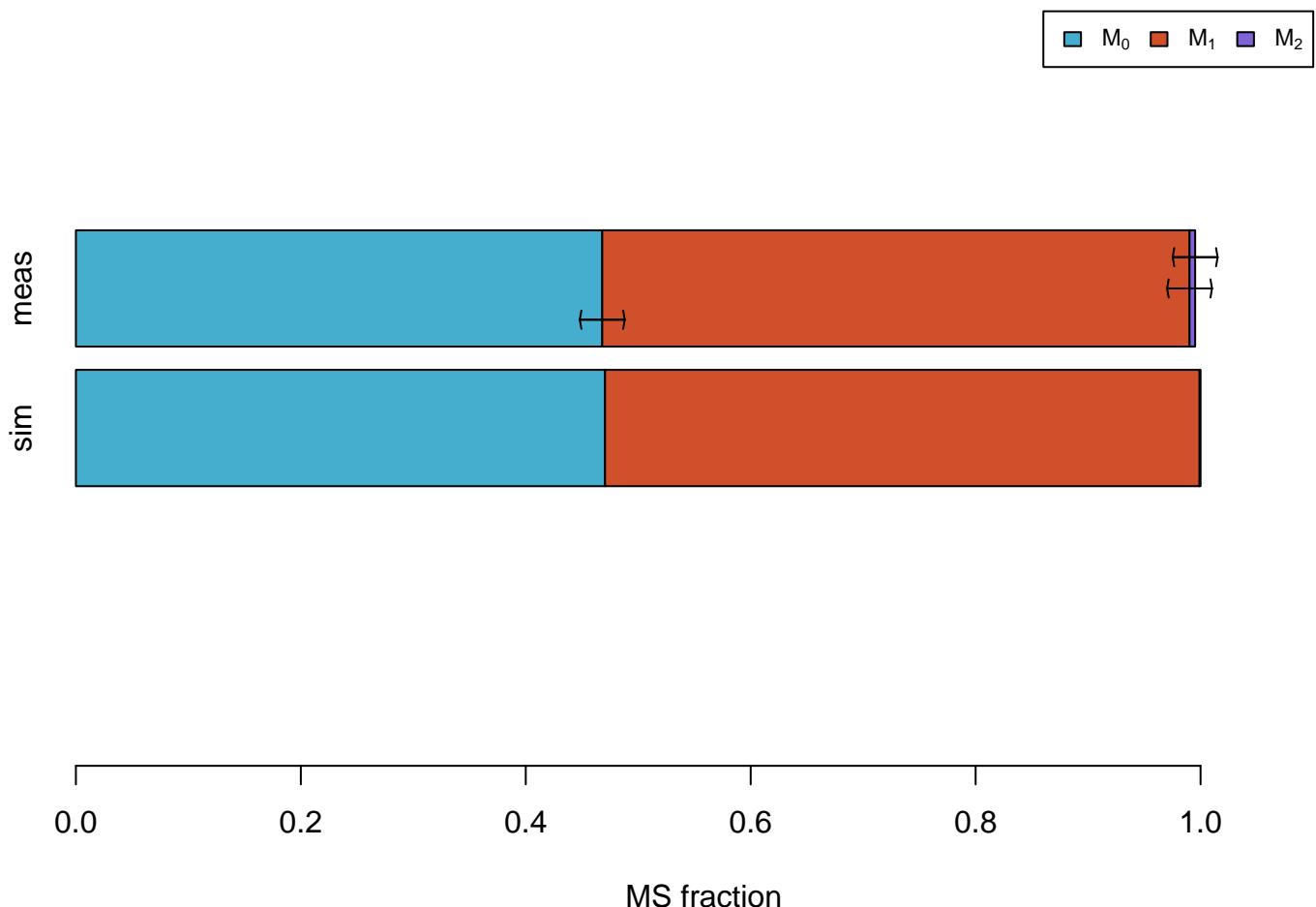
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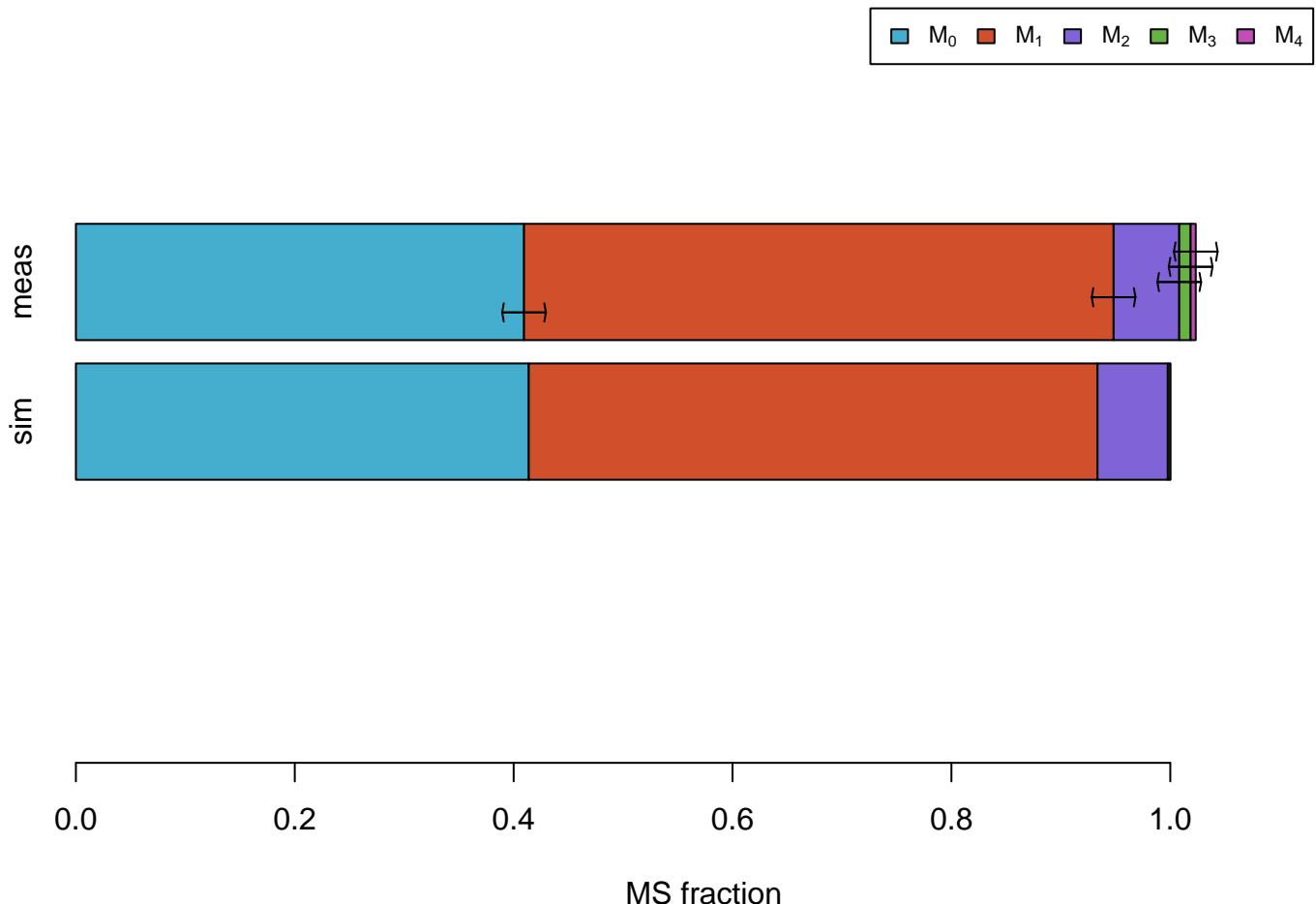
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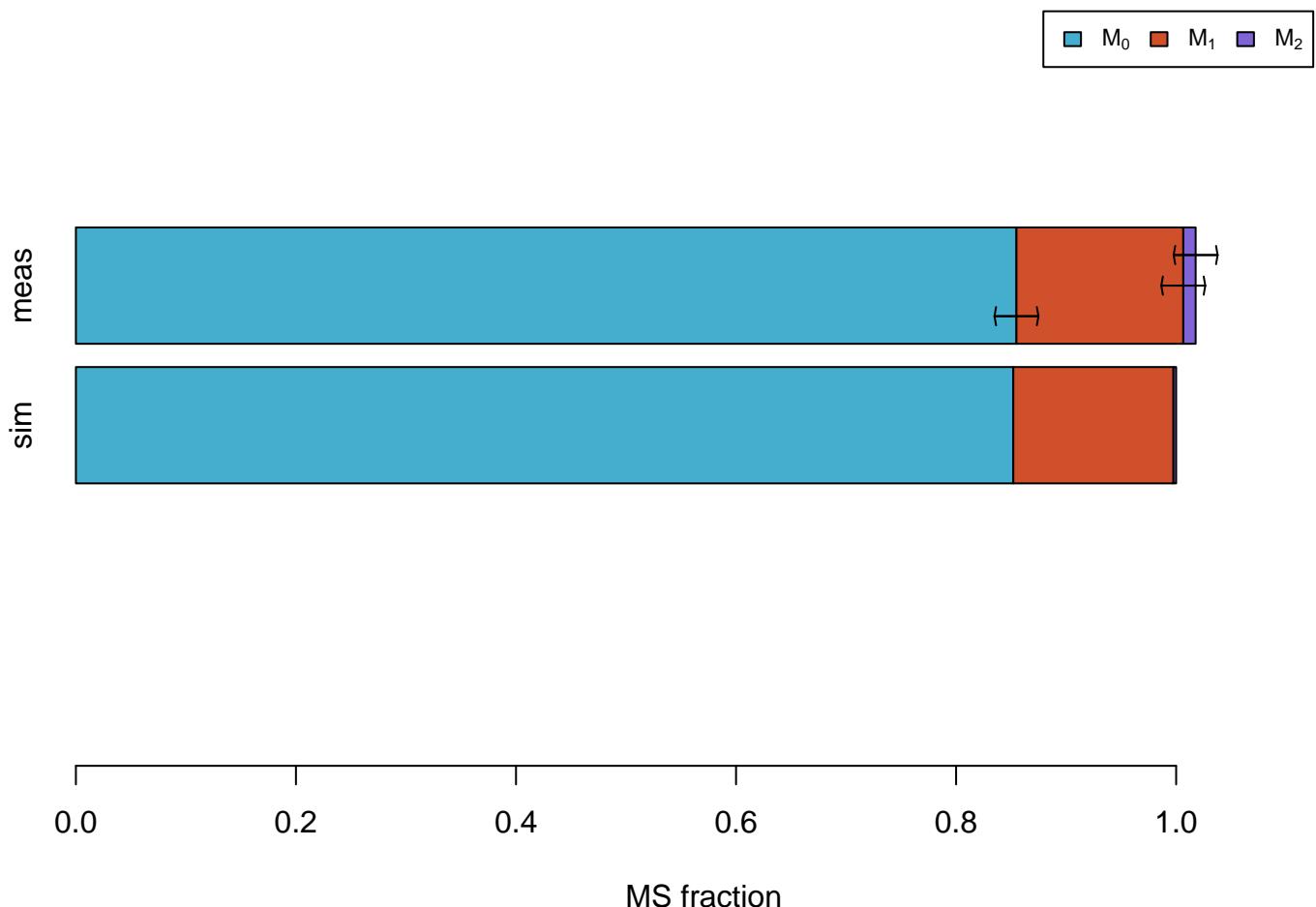
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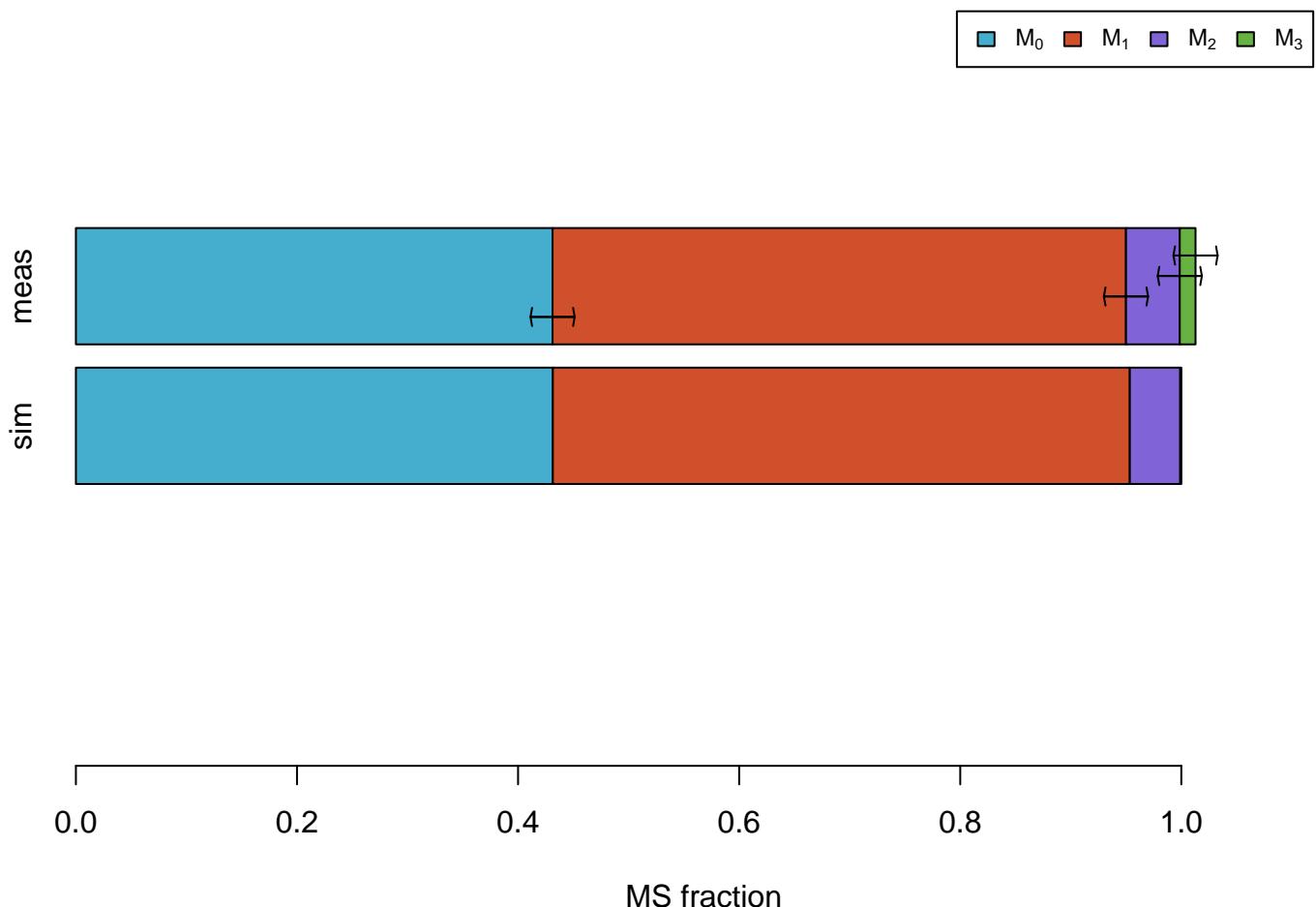
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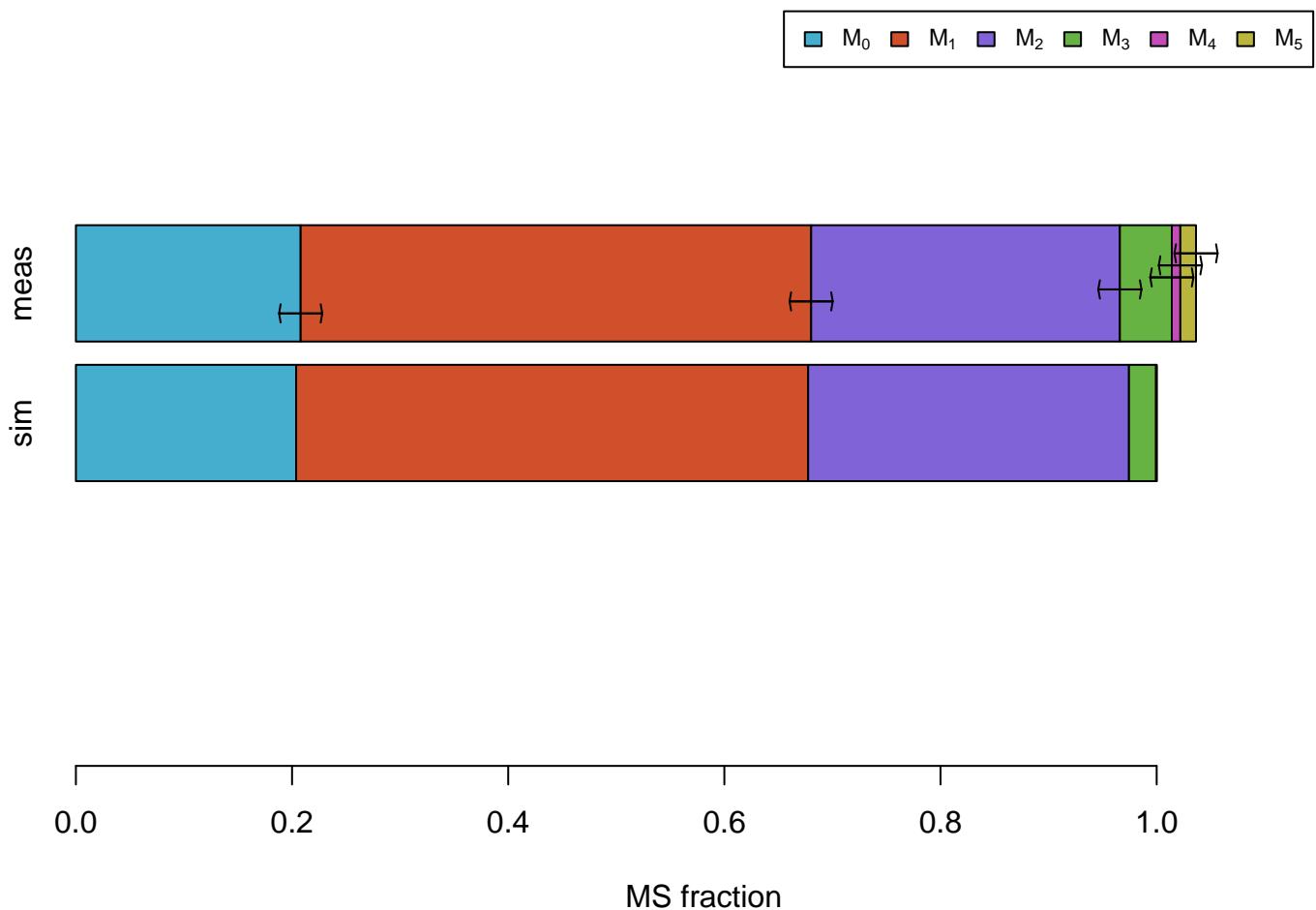
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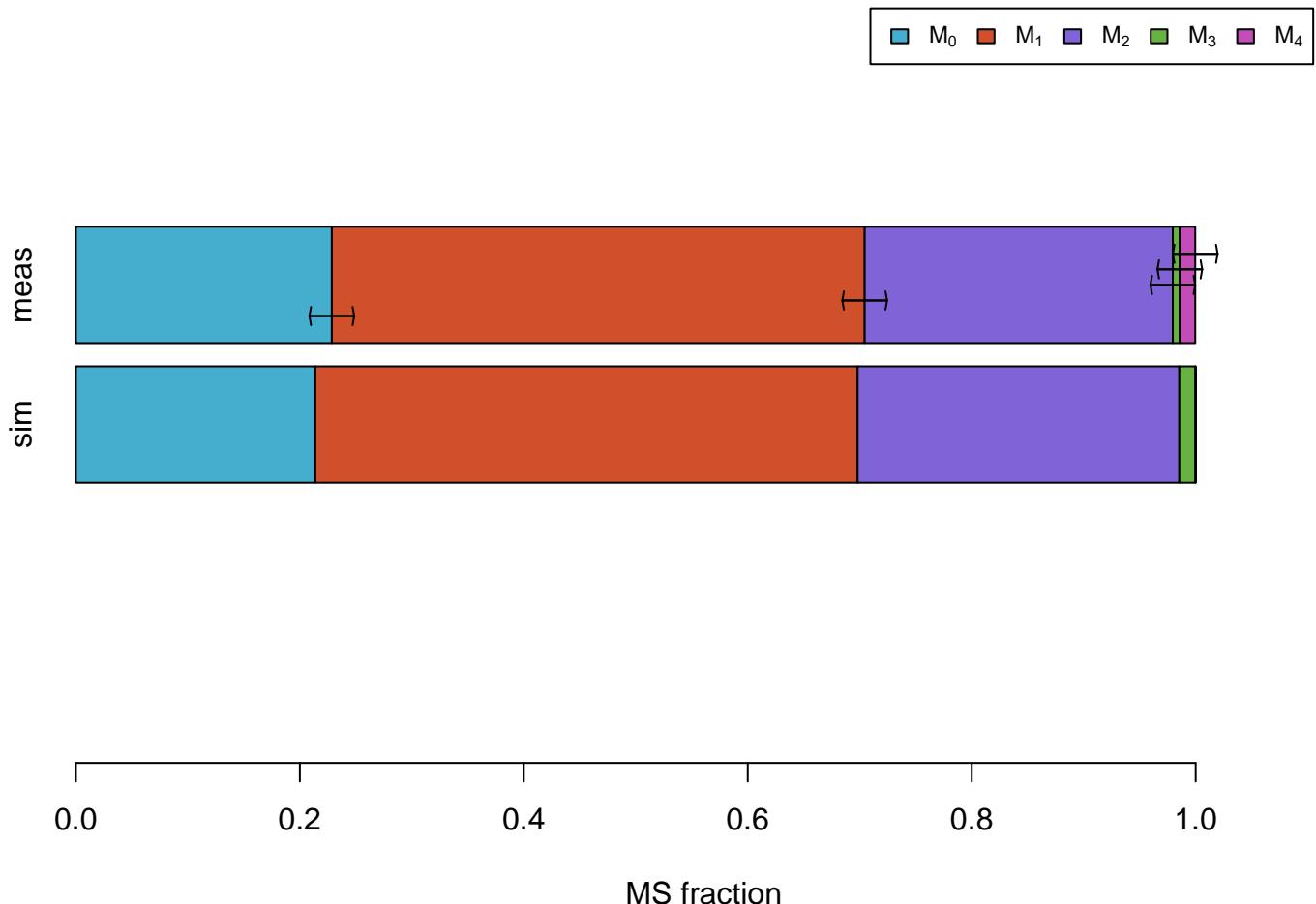
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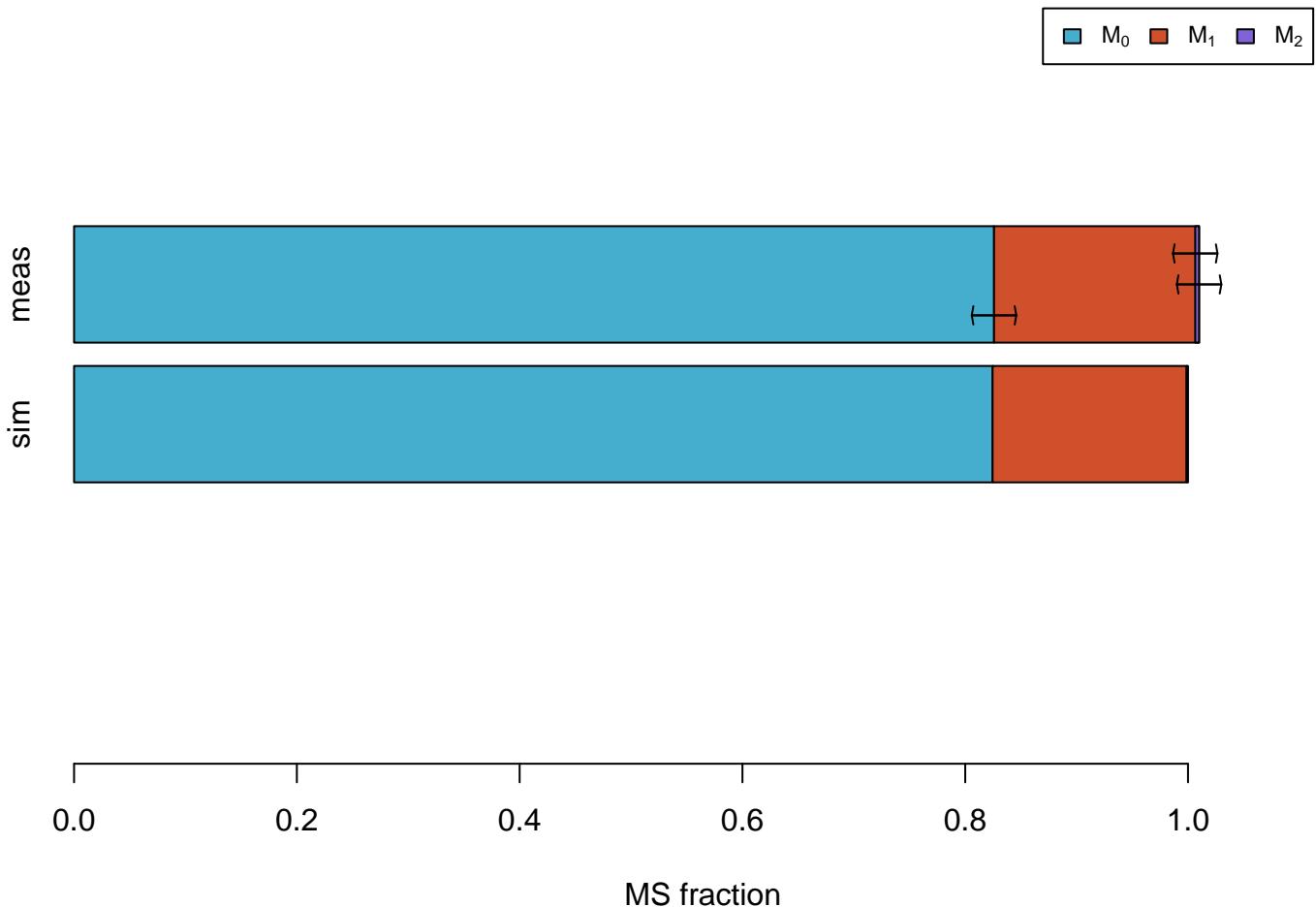
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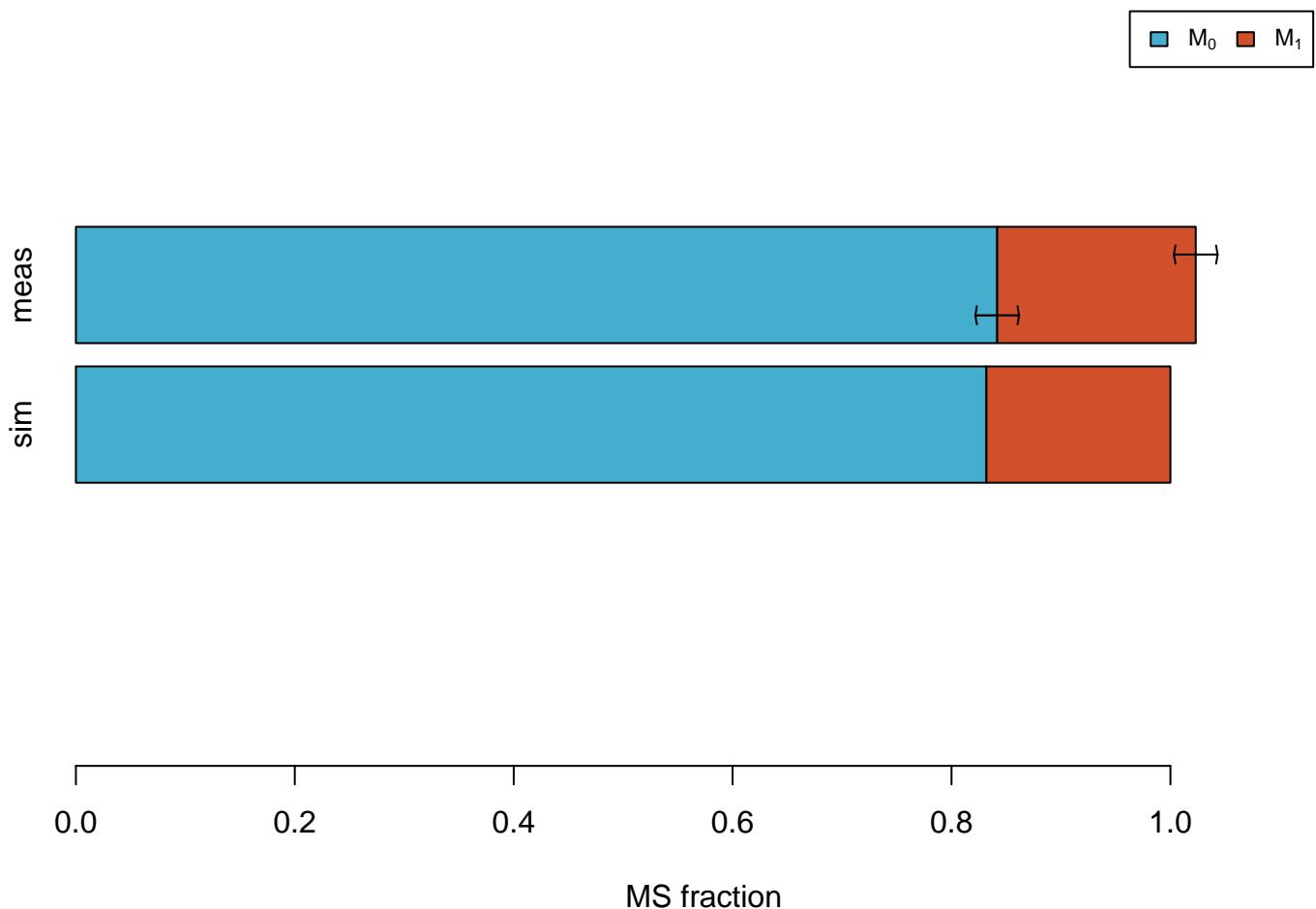
Ile #011111
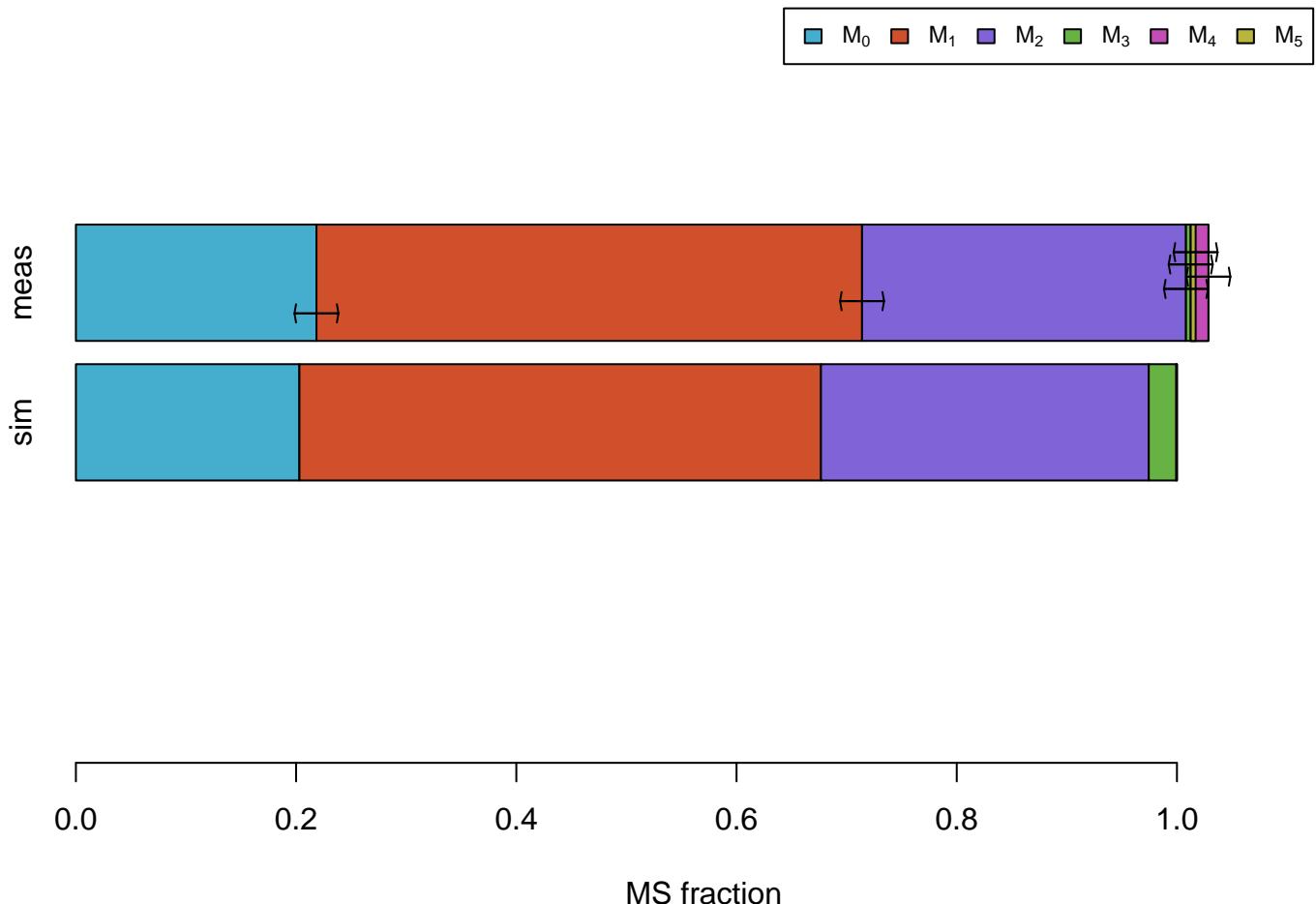
Leu #011111

Phe #110000000

M₀ M₁ M₂

meas

sim
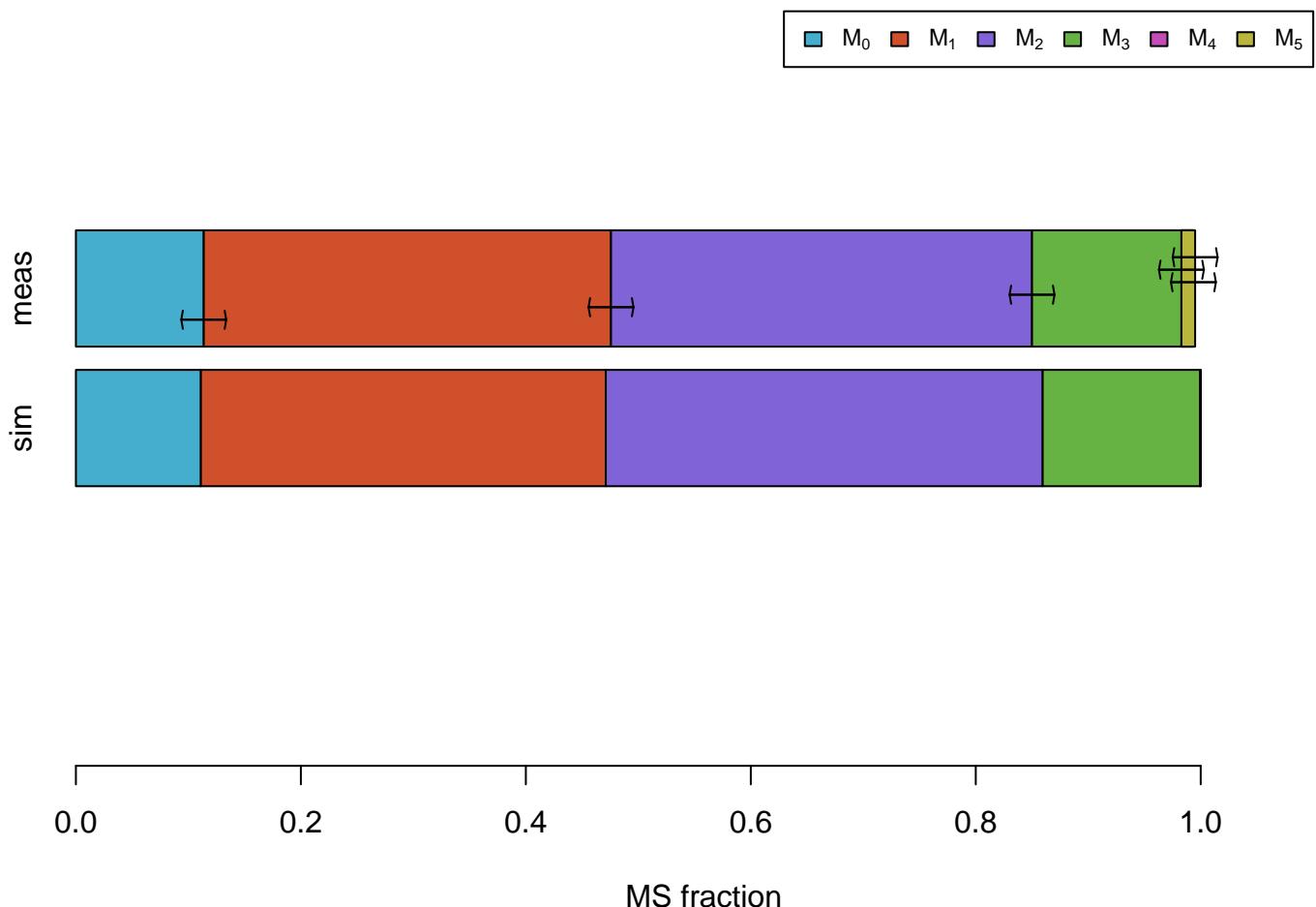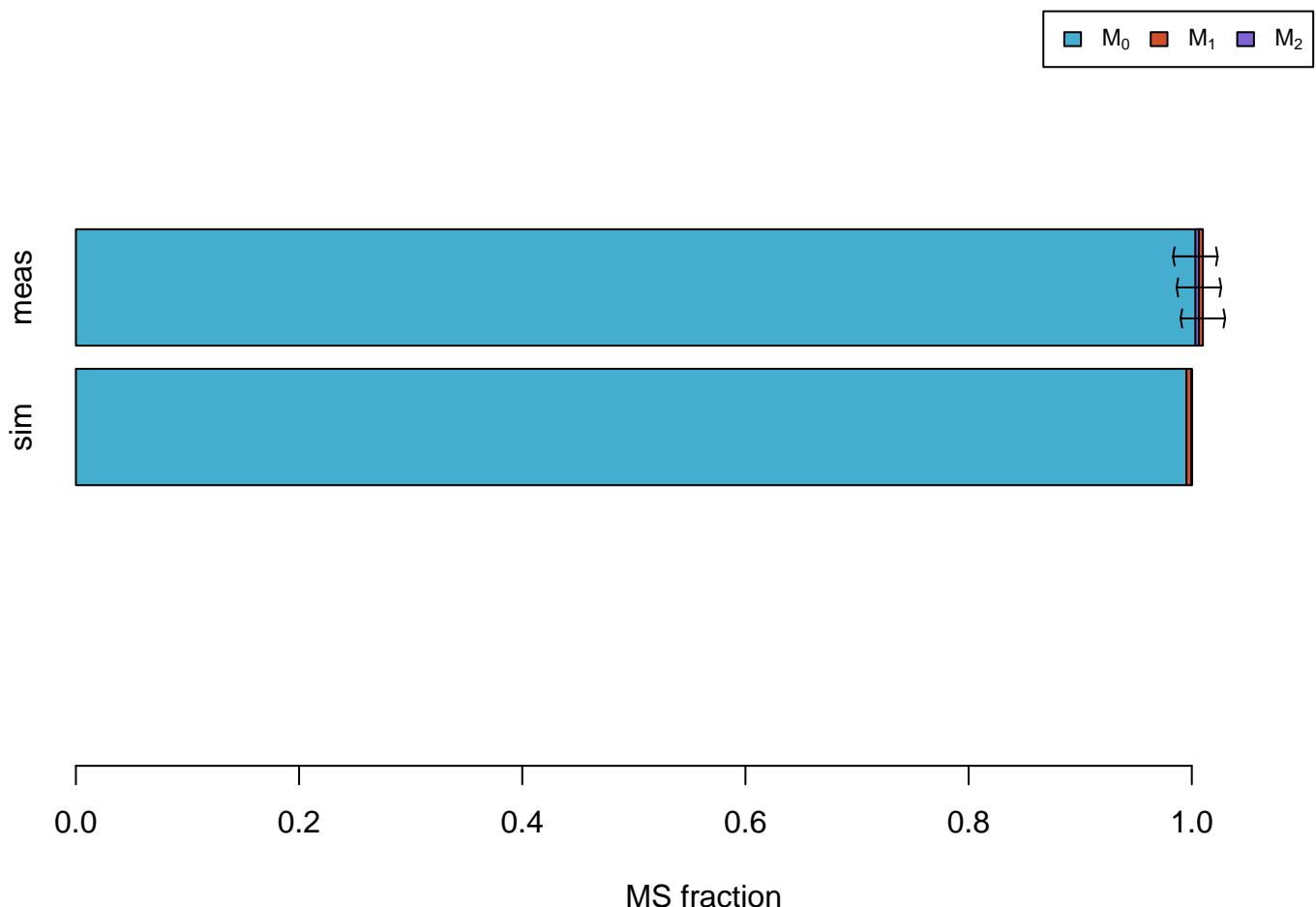
MS fraction
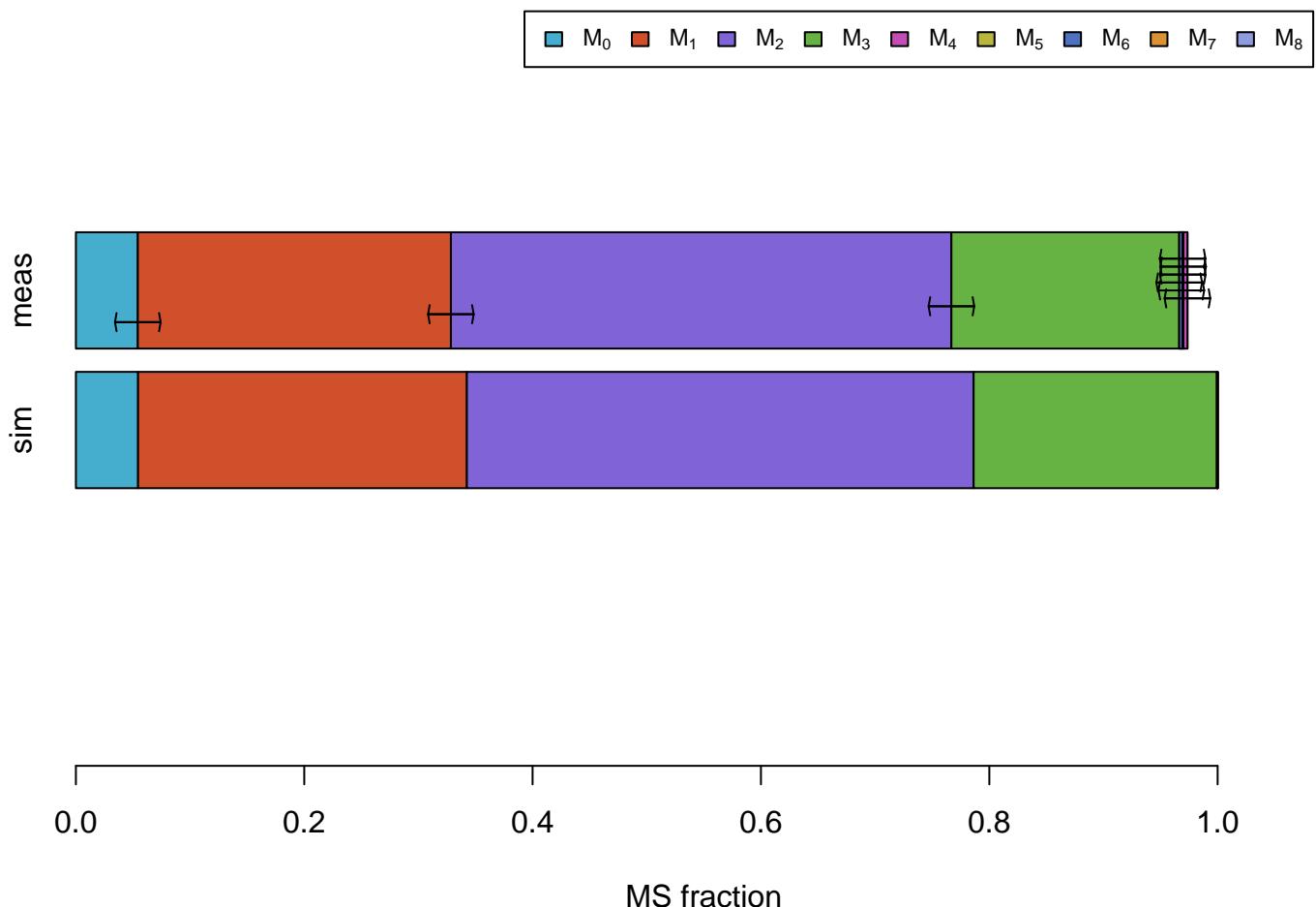
Phe #011111111

Ser

Ser #011

Tyr #110000000

Legend: M$_0$ M$_1$ M$_2$

meas

sim
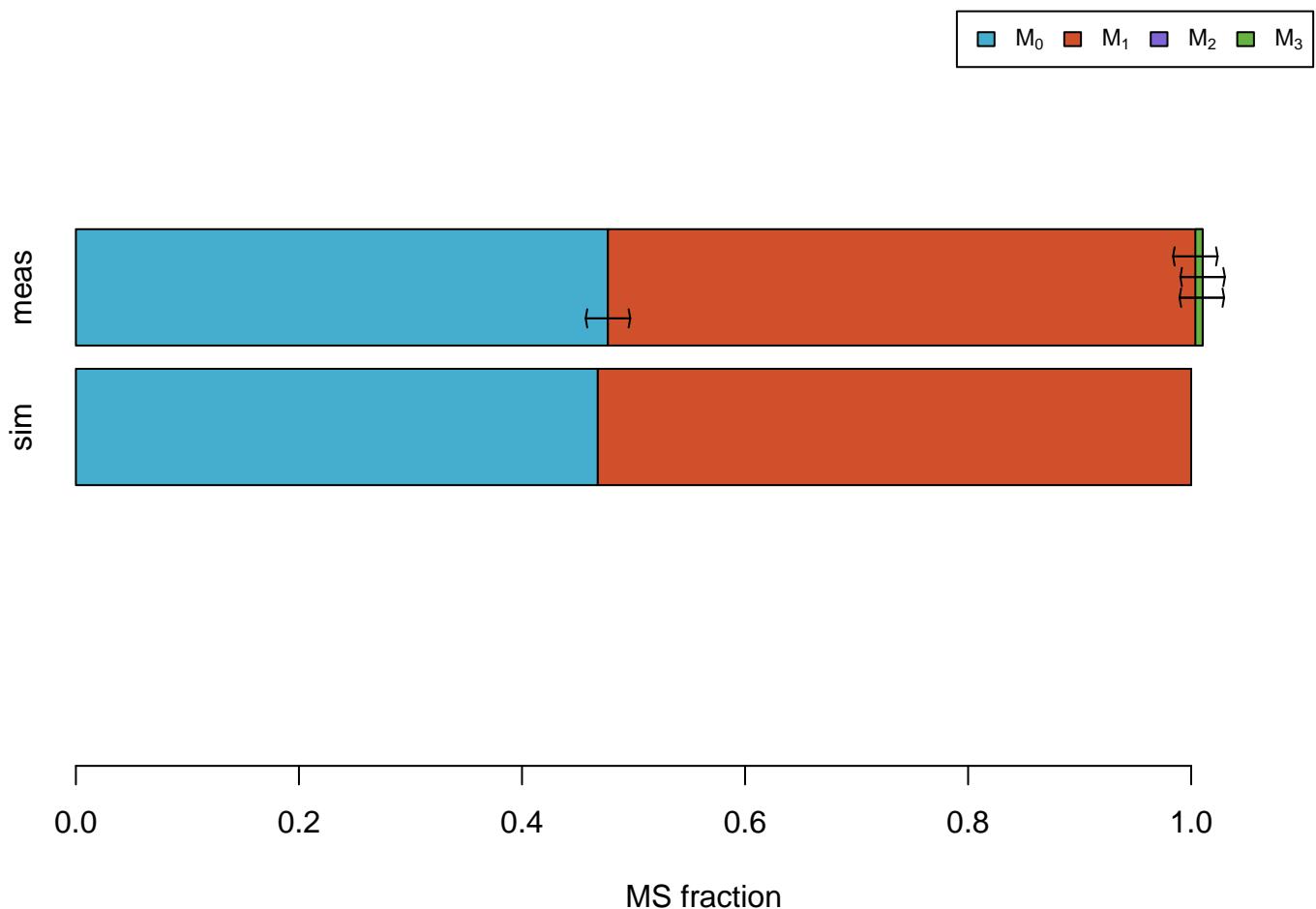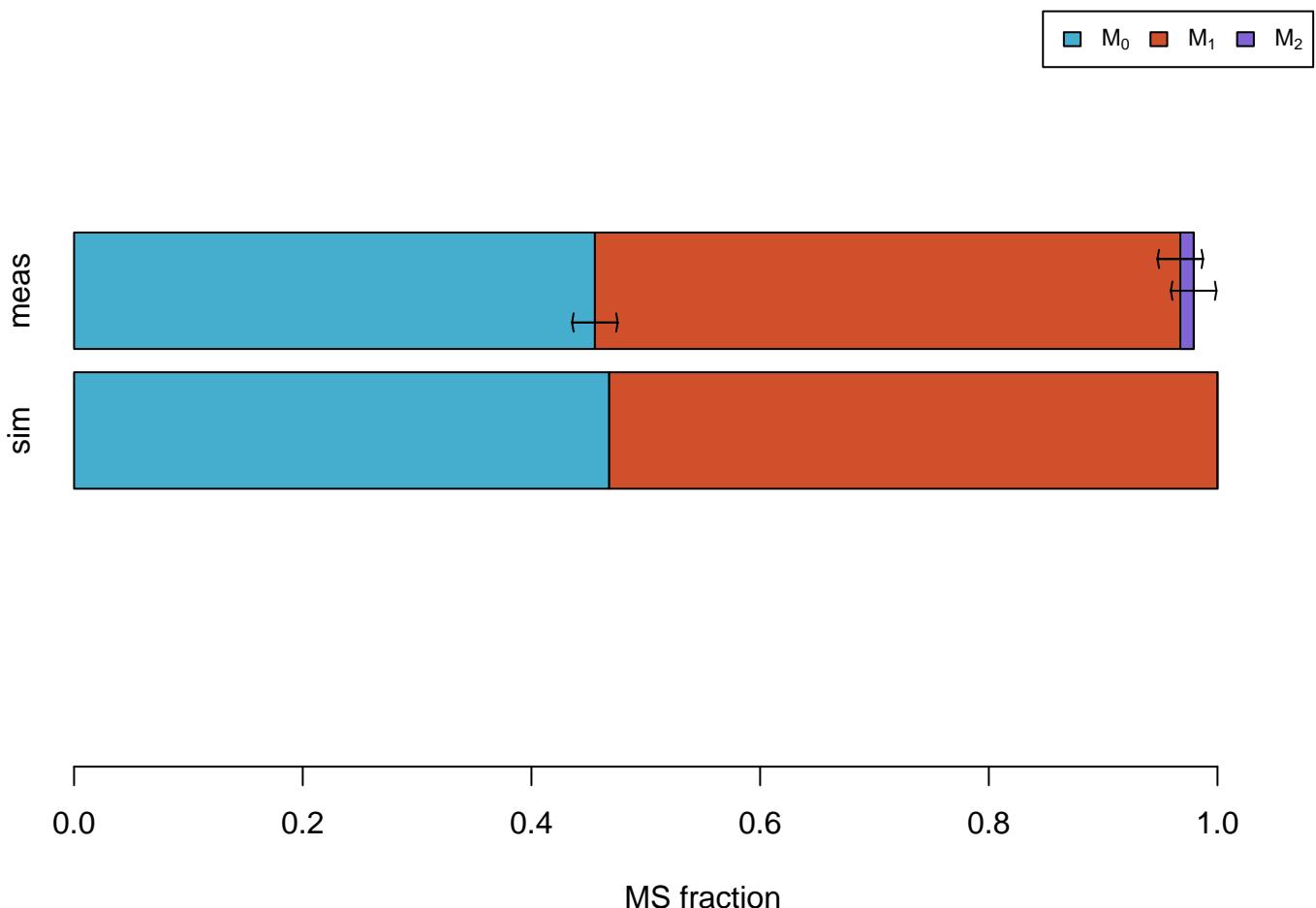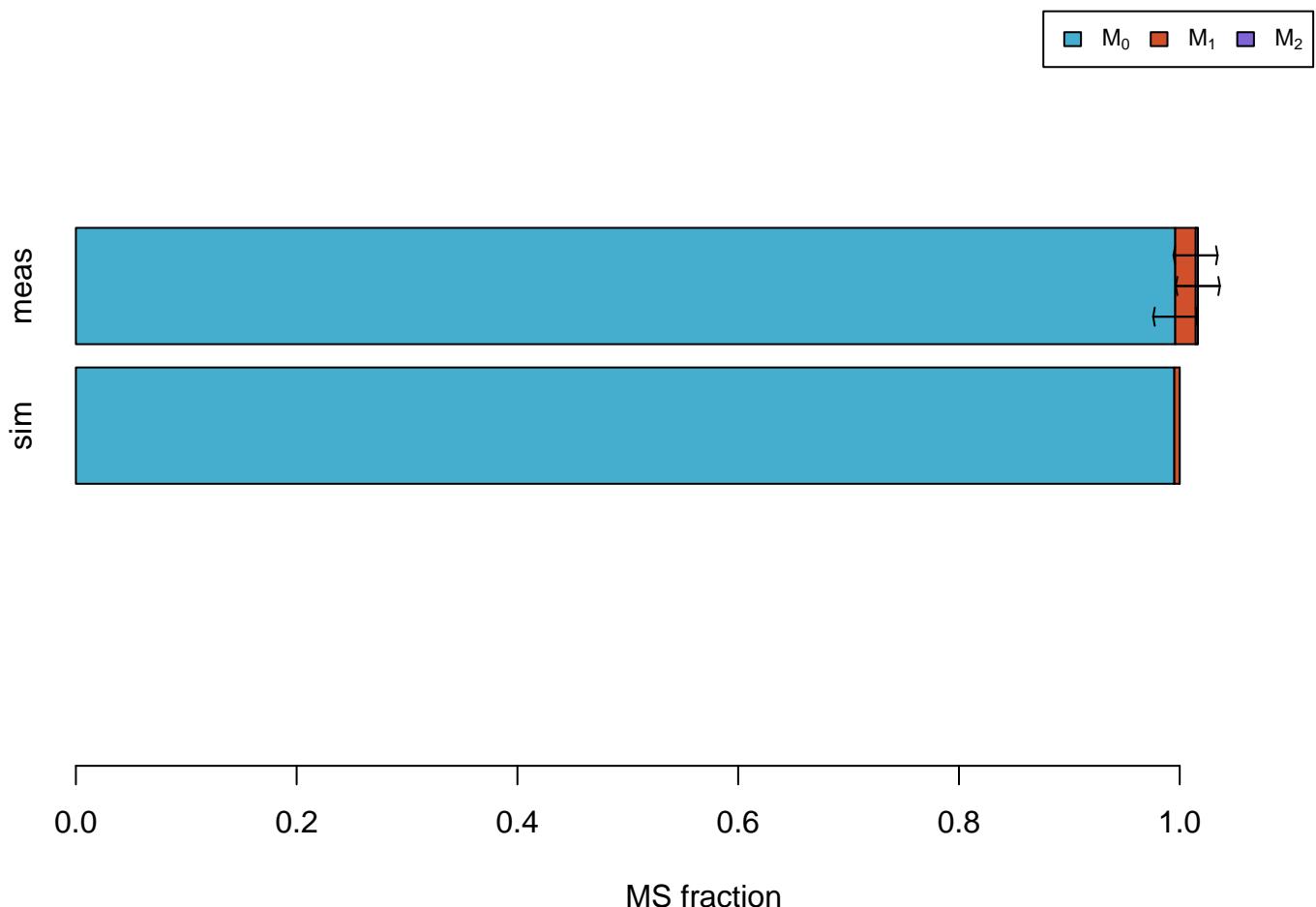
MS fraction

Val
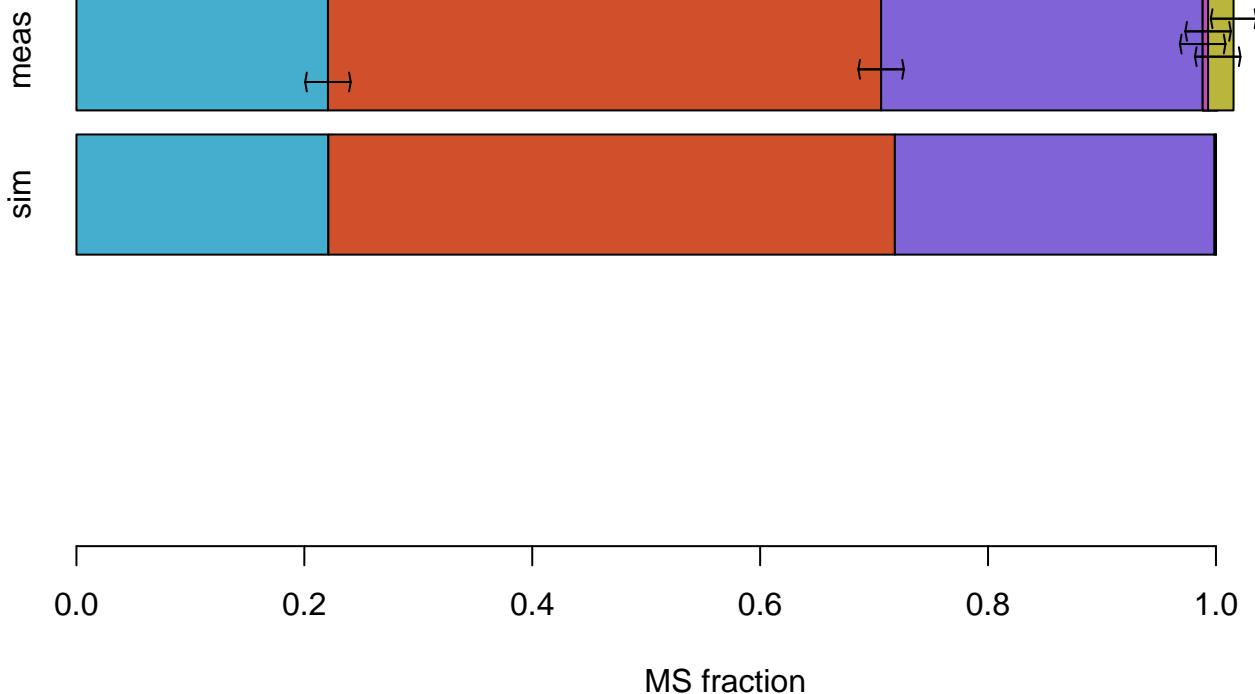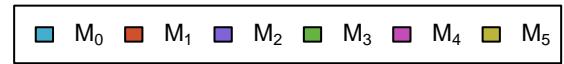
Val #01111

MS simulations

3PG
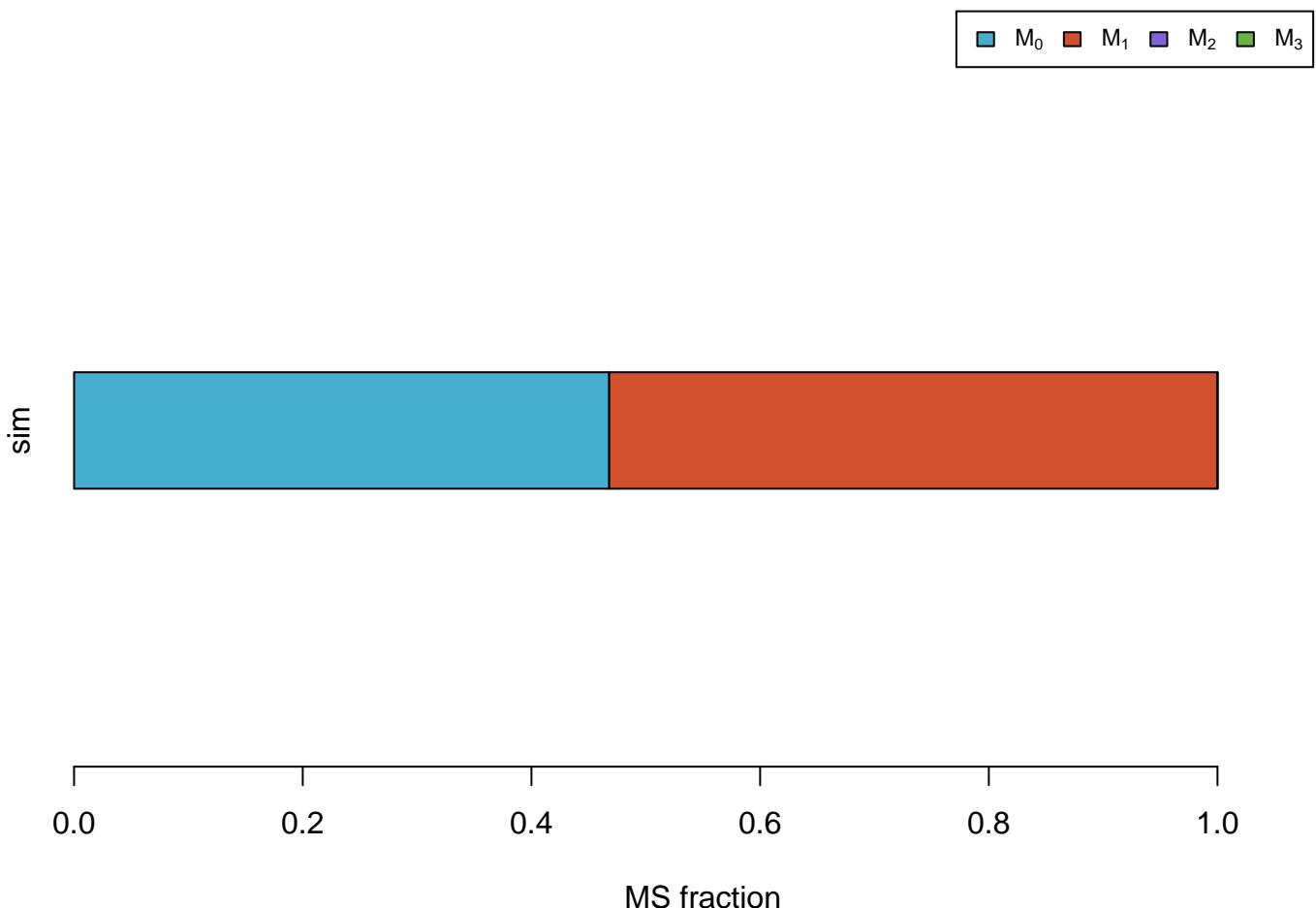
Ac
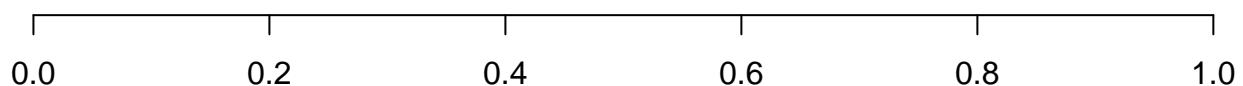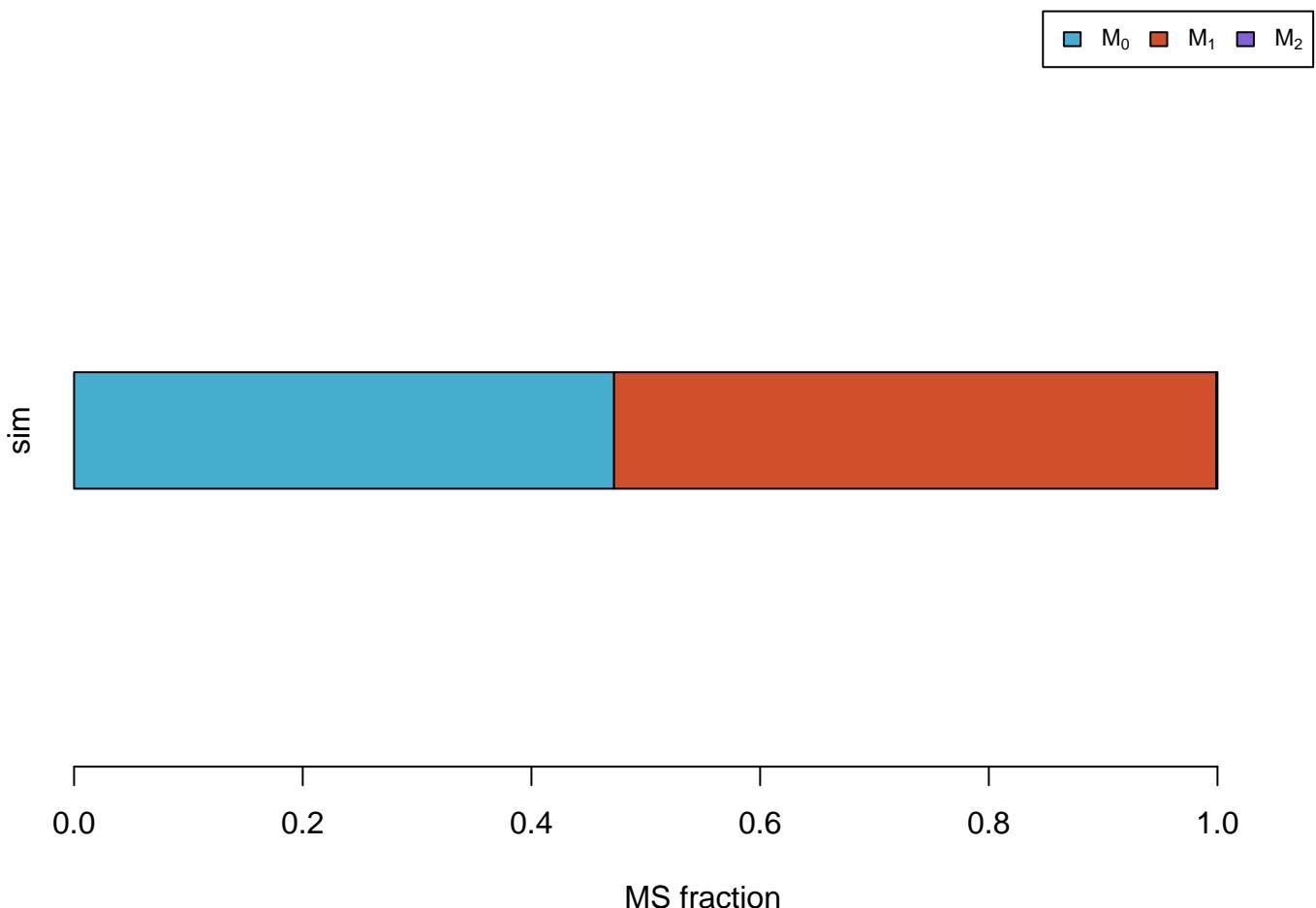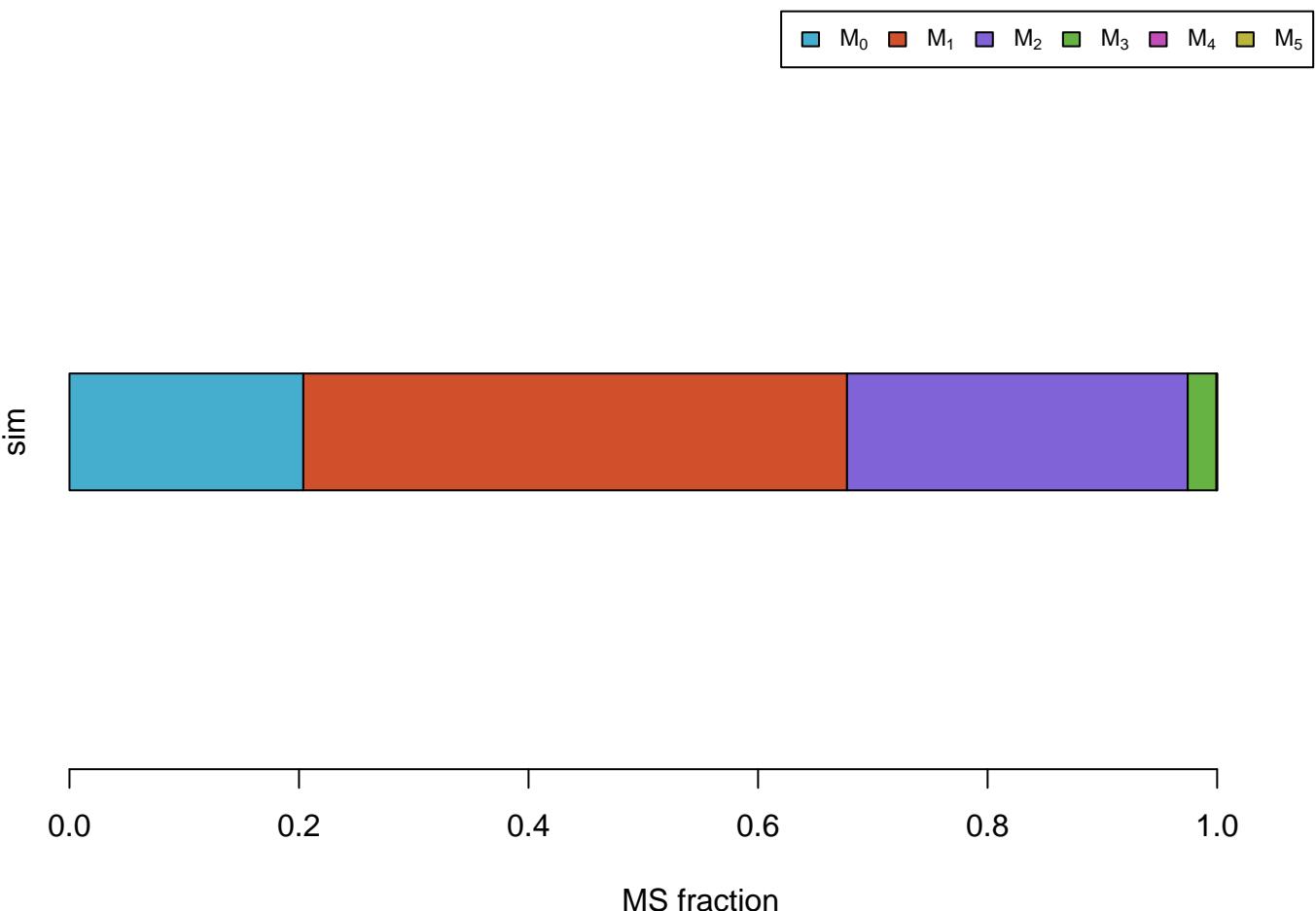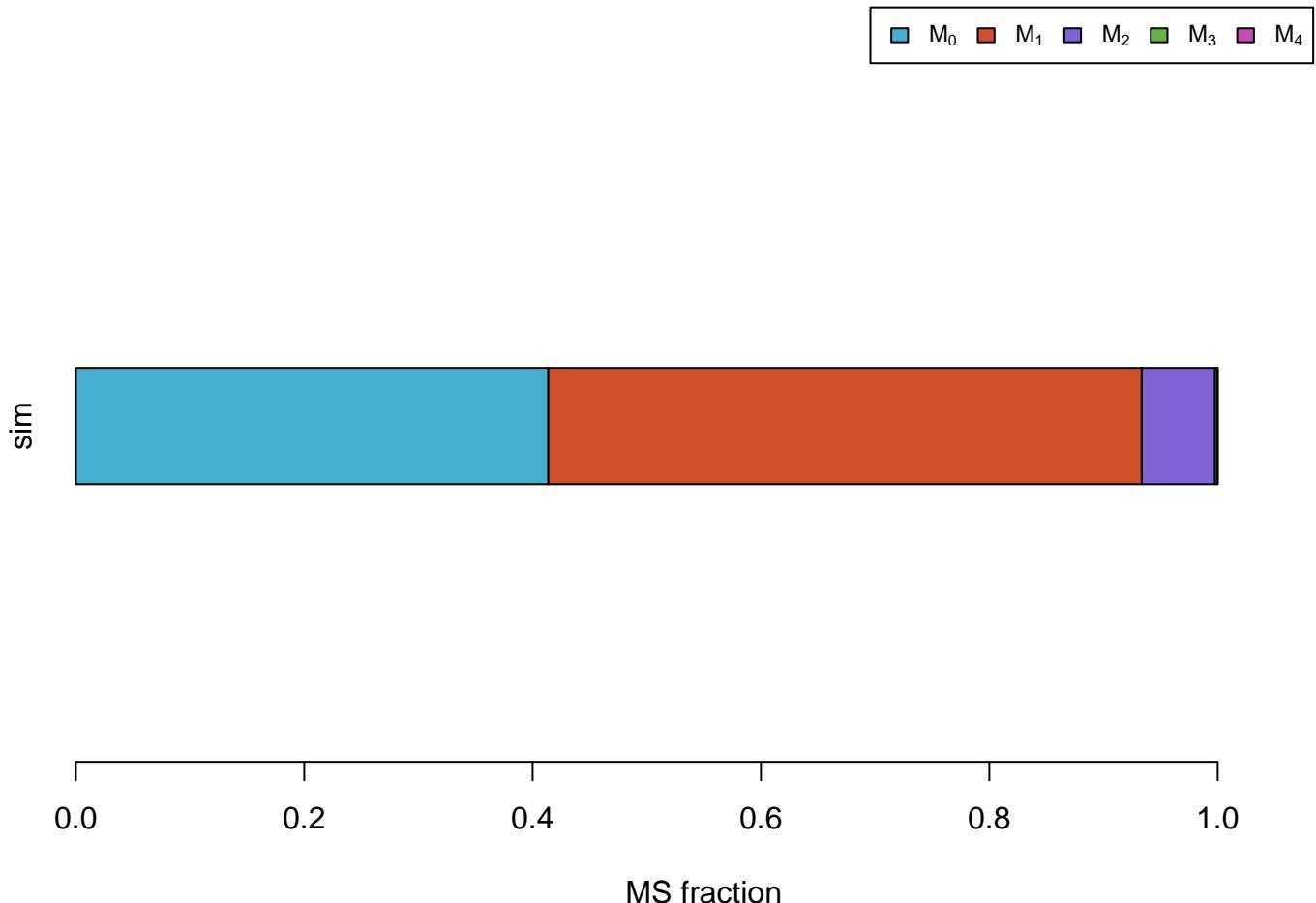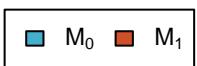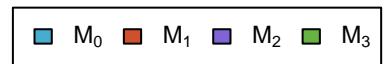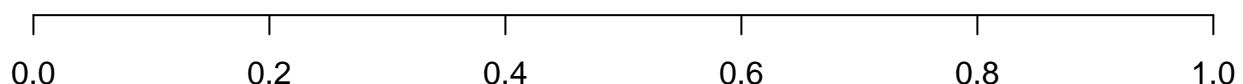
AcCoA

AKG

Asn

Legend: M₀ M₁ M₂ M₃ M₄
(M_0, M_1, M_2, M_3, M_4)

sim

MS fraction

CO2

legend: M_0 (blue), M_1 (red)

sim

MS fraction

0.0   0.2   0.4   0.6   0.8   1.0

Cys

Legend: M₀, M₁, M₂, M₃

MS fraction

DHAP

Legend: M_0 M_1 M_2 M_3

sim

MS fraction

E4P

FTHF

Fum

Legend: M_0, M_1, M_2, M_3, M_4

MS fraction

GAP

M₀ M₁ M₂ M₃

sim

MS fraction

Gln

Glyox

Legend: M_0 (teal), M_1 (orange), M_2 (purple)

x-axis: MS fraction (0.0, 0.2, 0.4, 0.6, 0.8, 1.0)

y-axis: sim

Mal
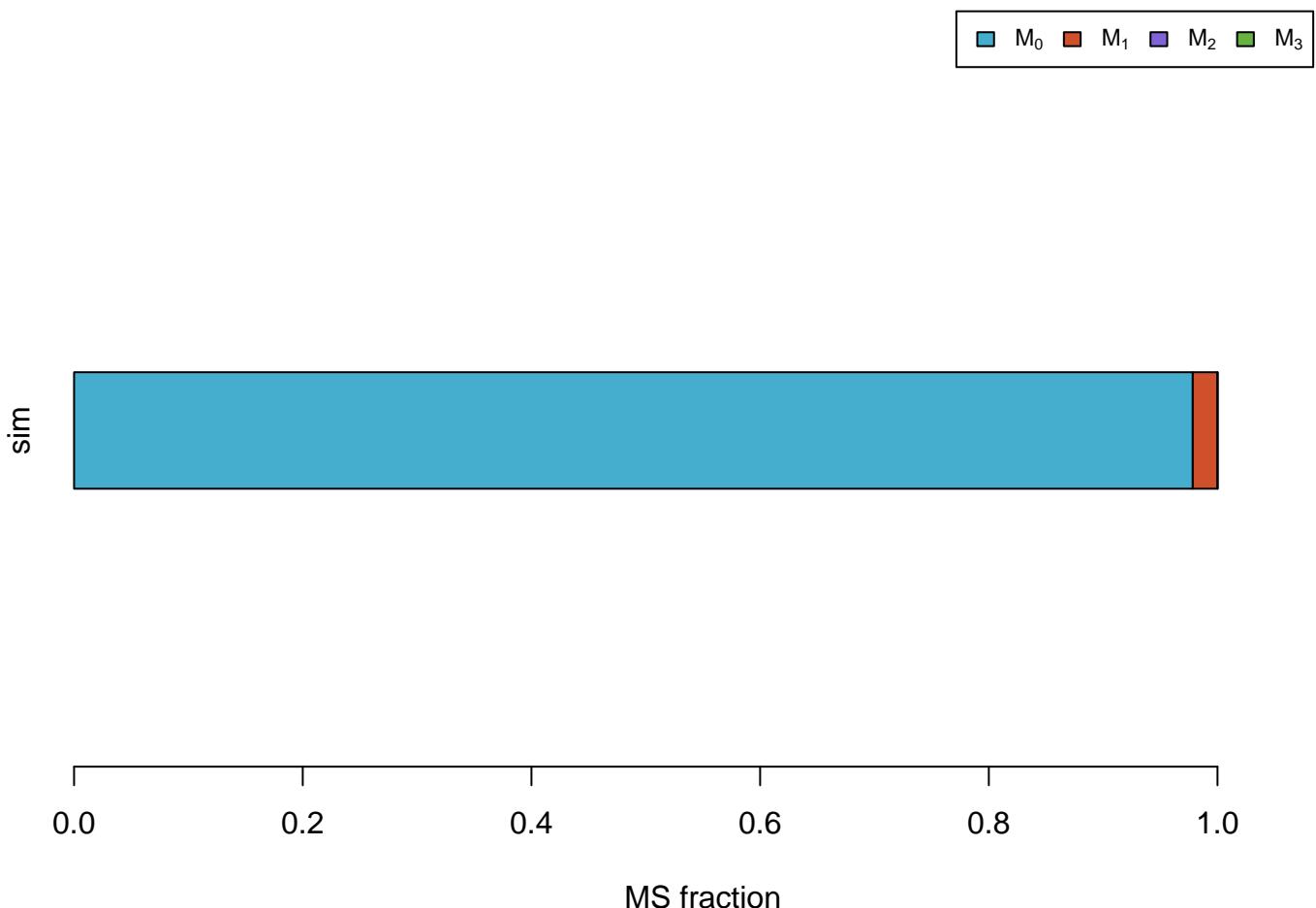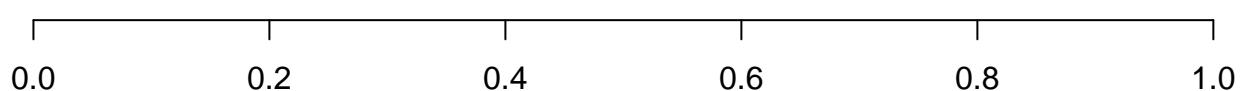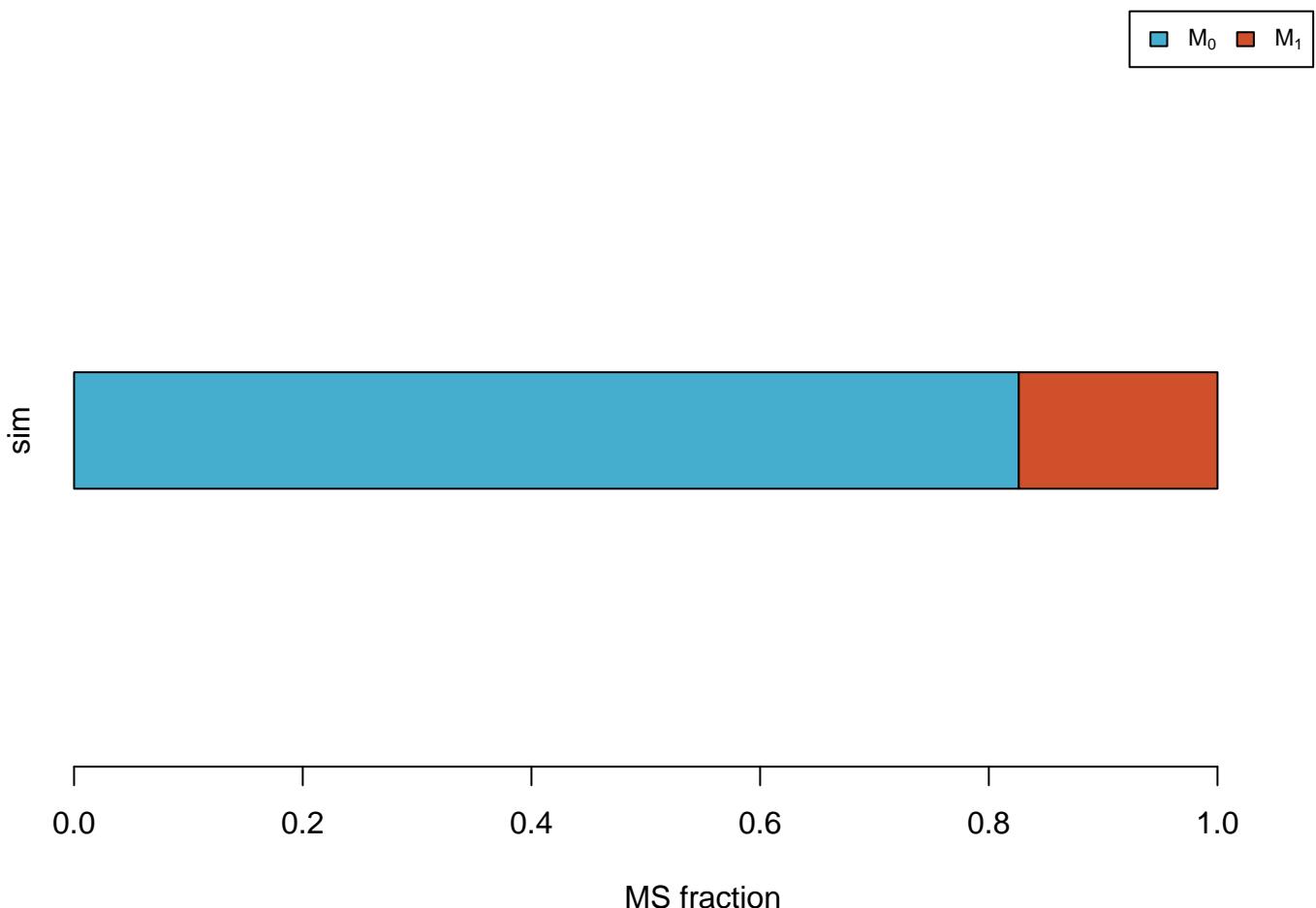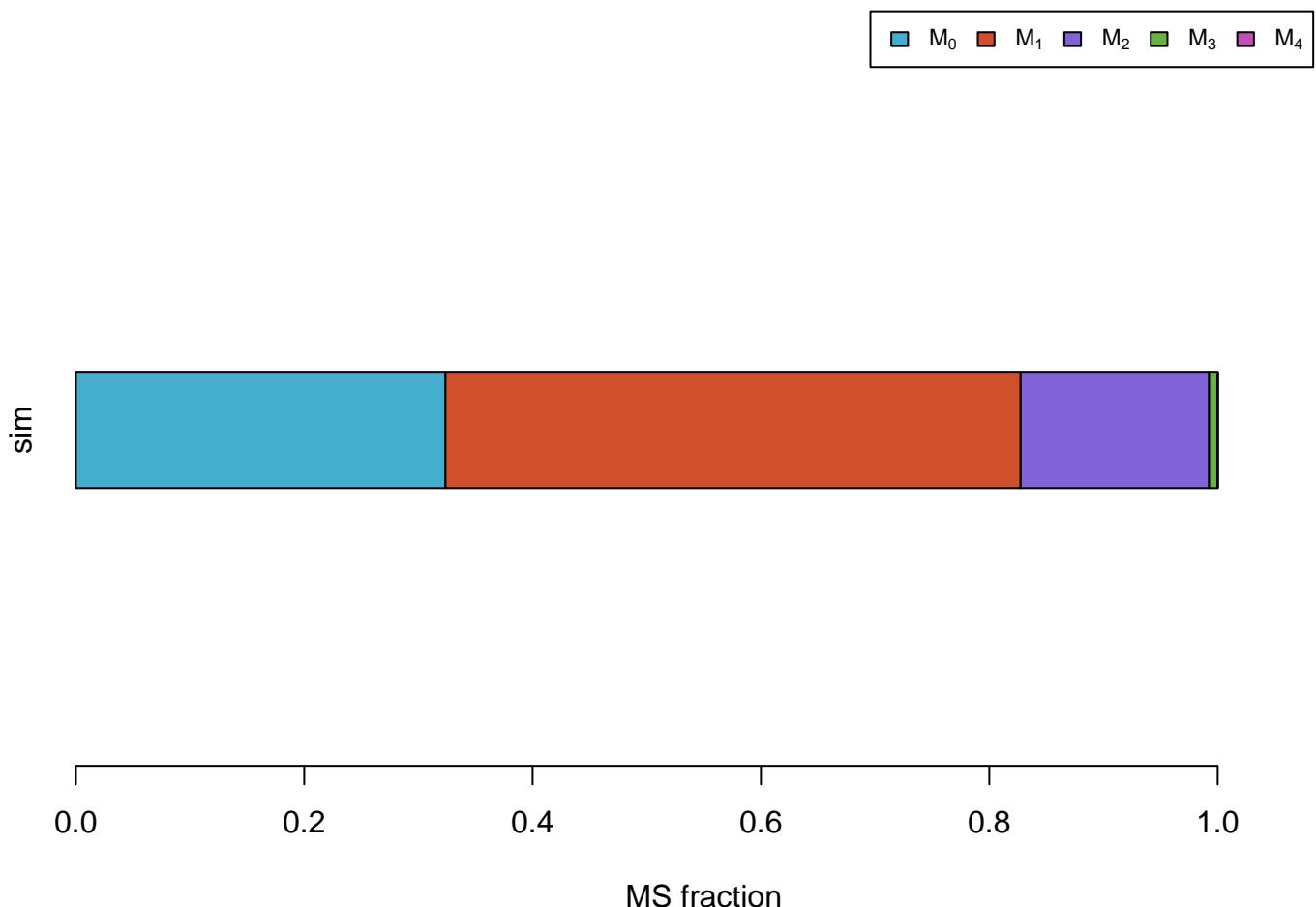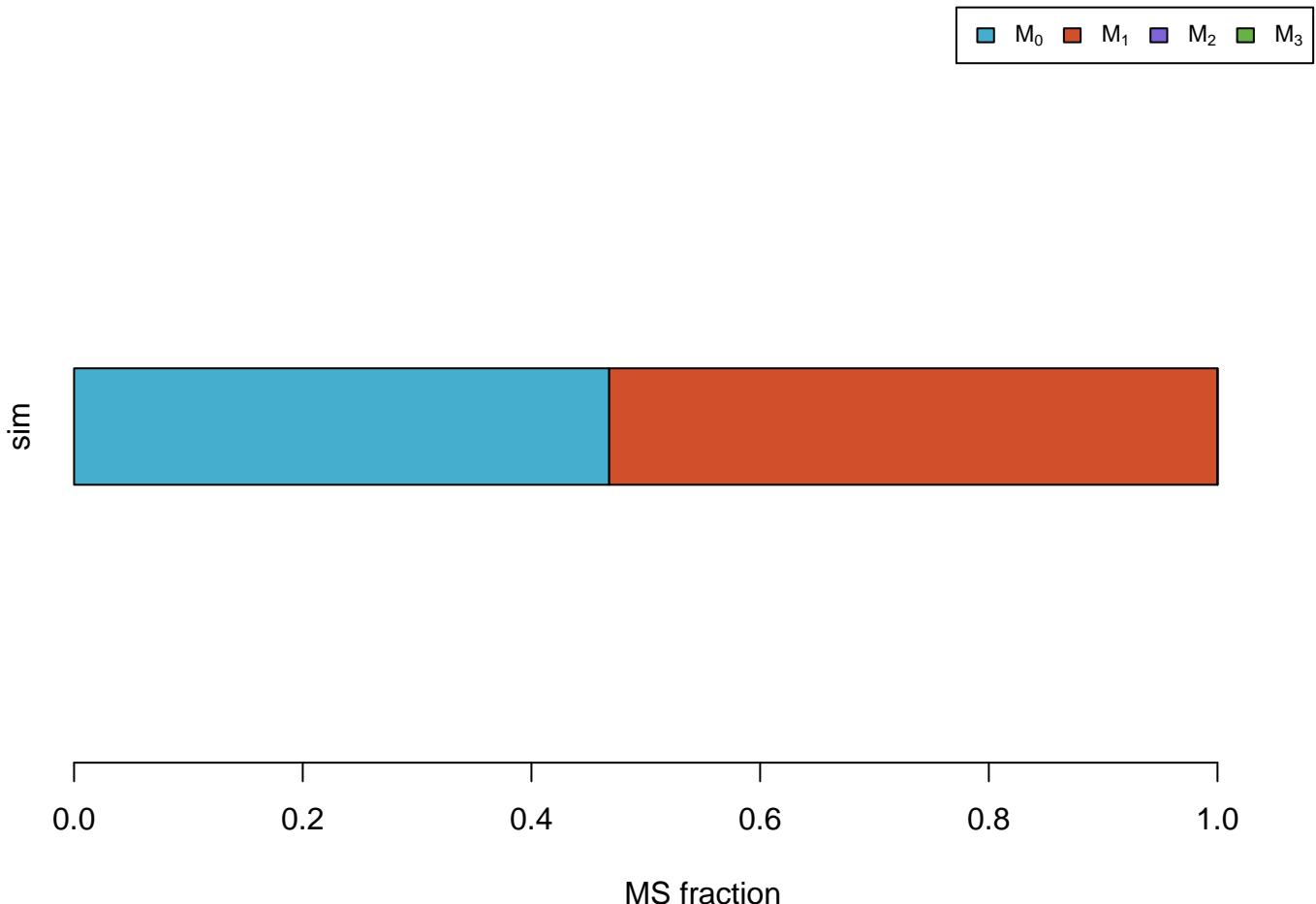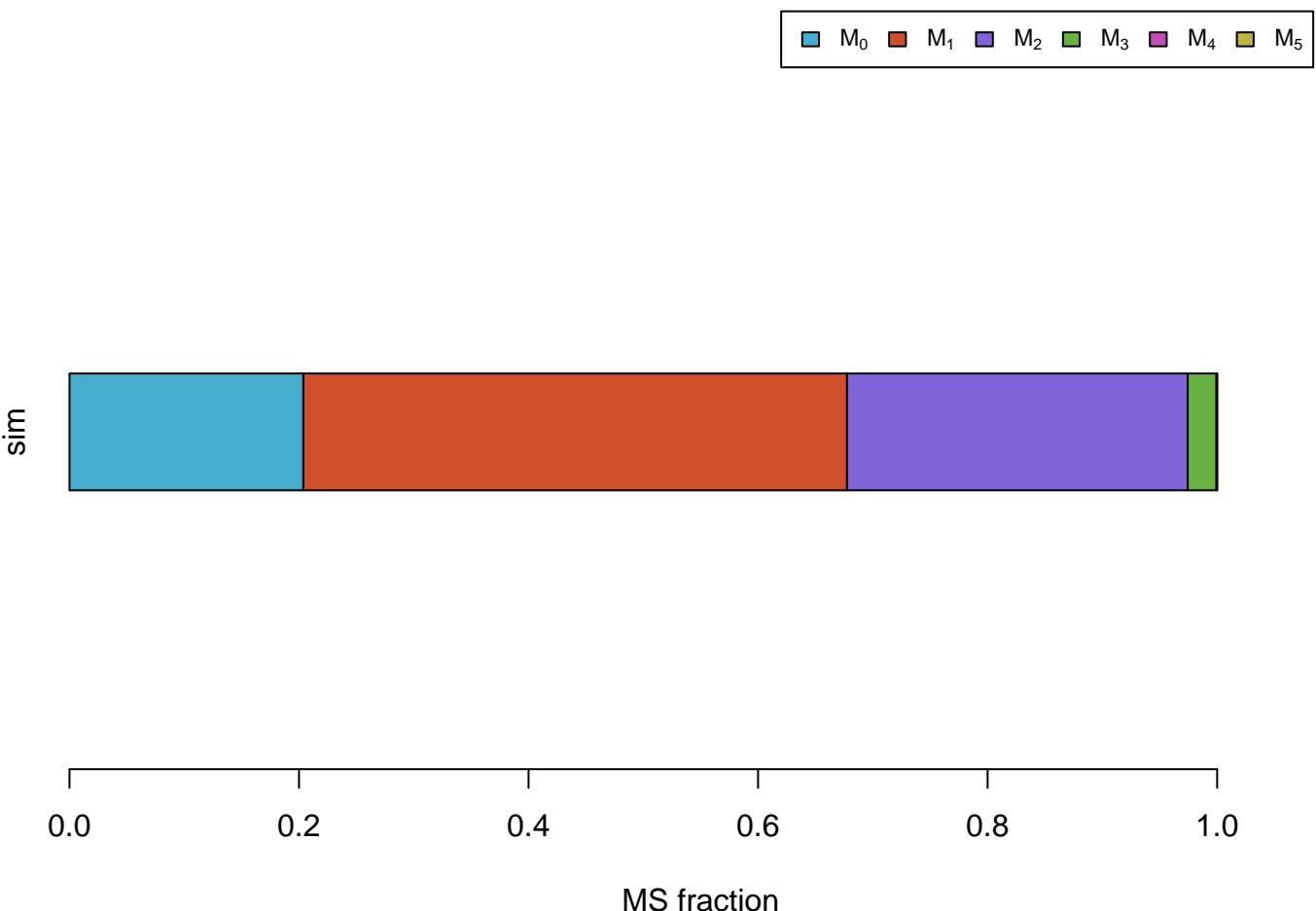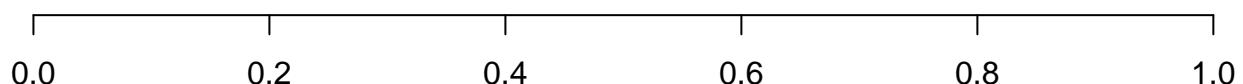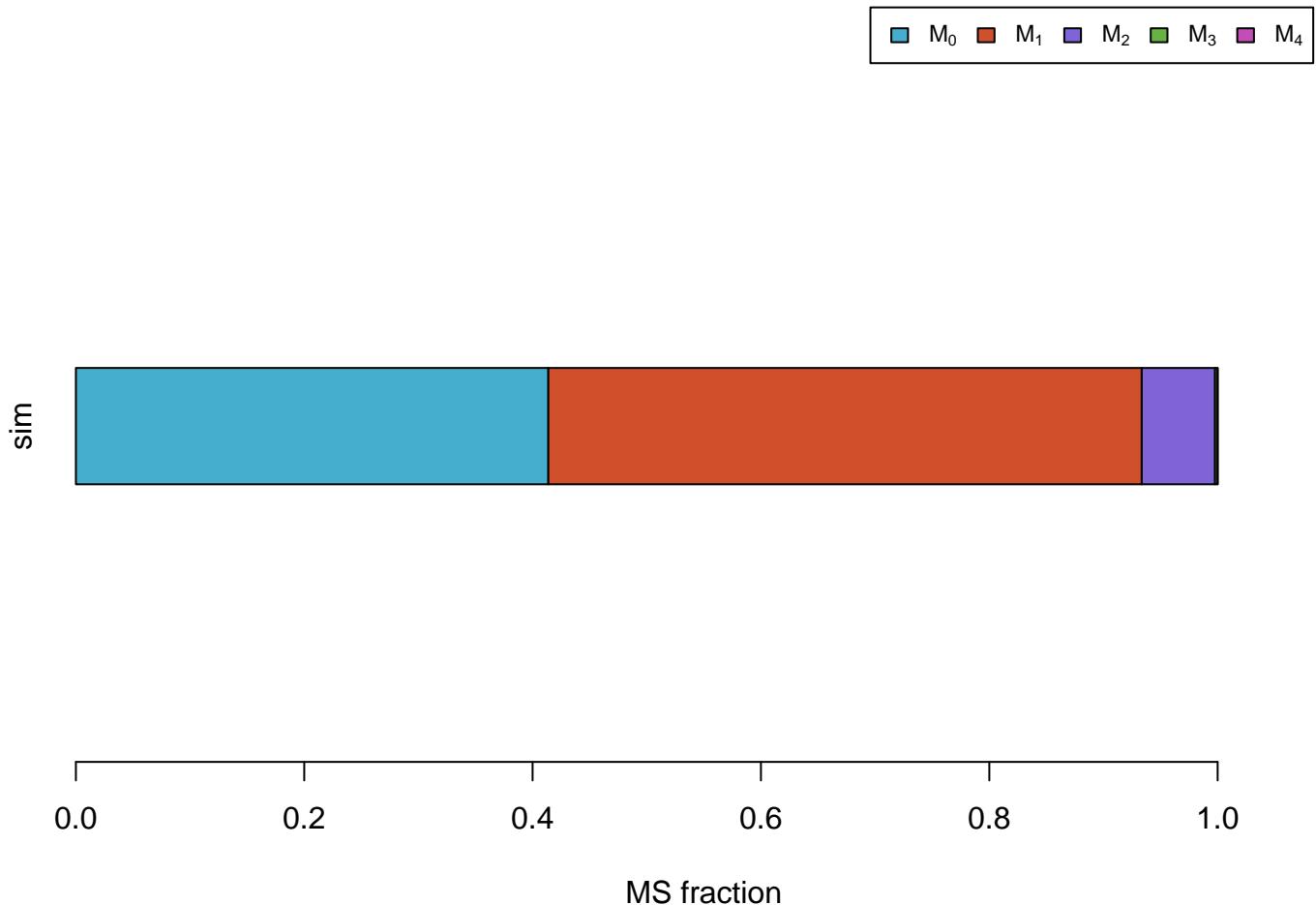
MS fraction

MEETHF

METHF

OAC

PEP

Pro

Pyr

sim

MS fraction

M₀ M₁ M₂ M₃

Suc

MS fraction

SucCoA

TA−C3

Thr

TK−C2

Legend: M₀ M₁ M₂

MS fraction