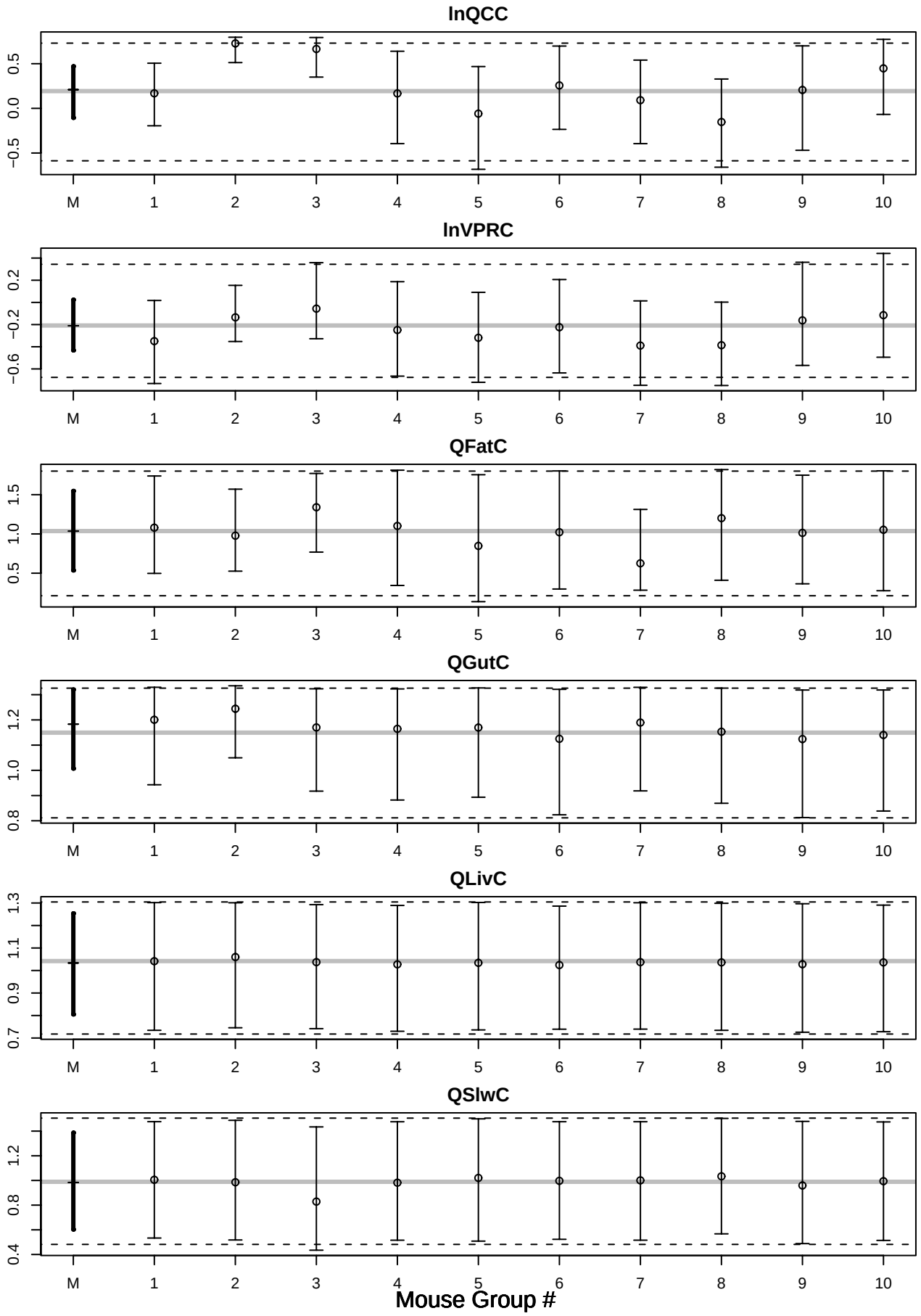
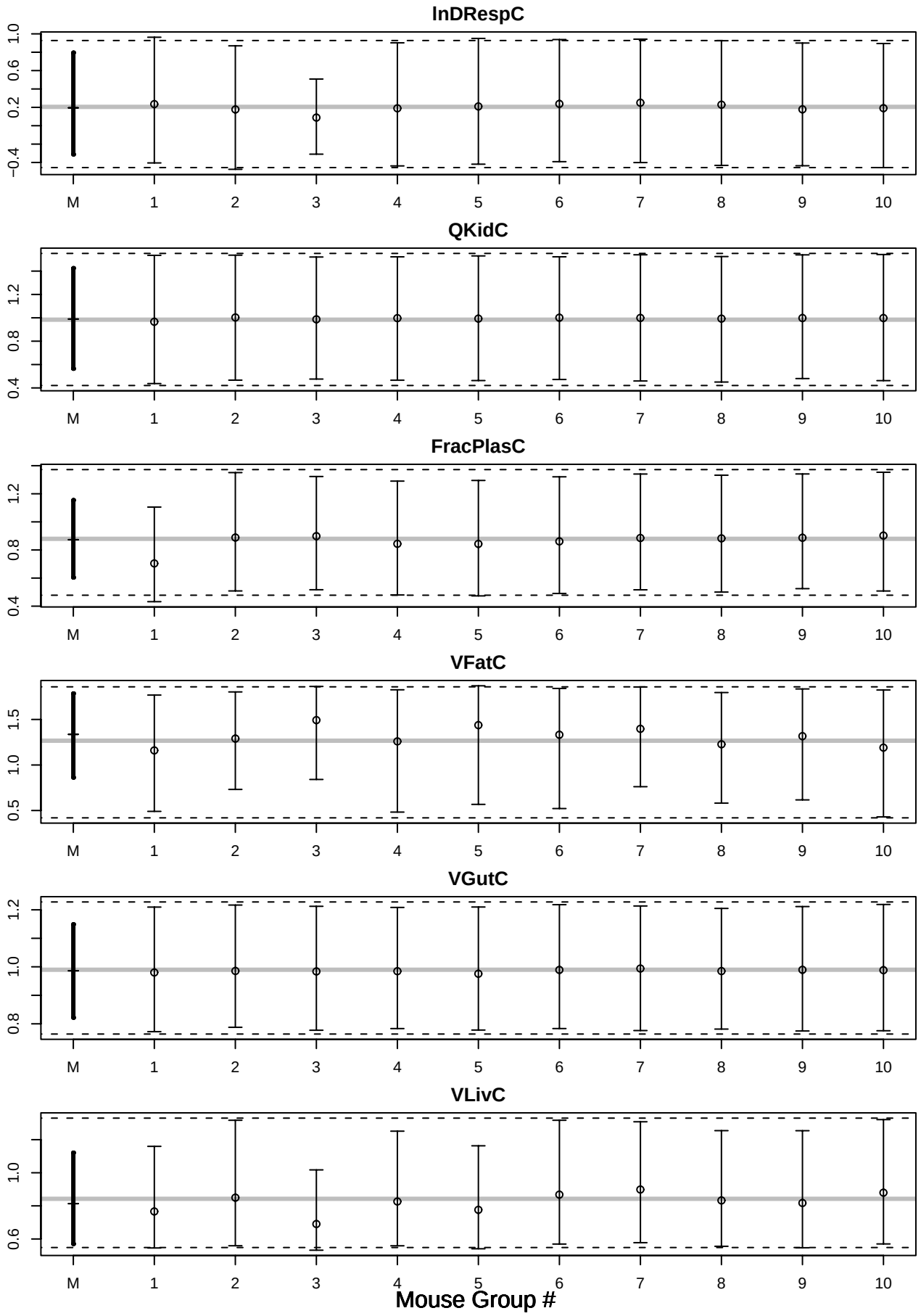
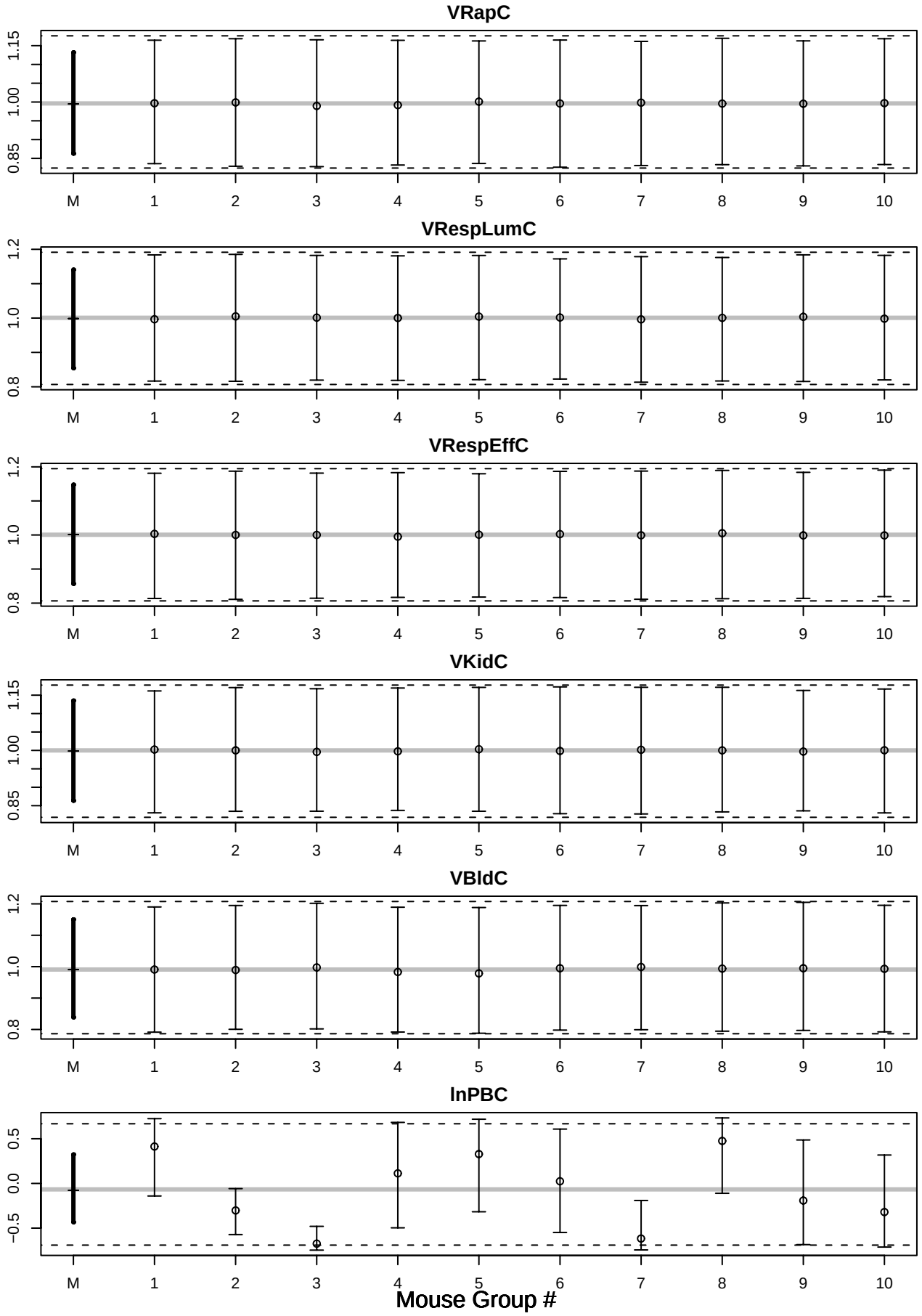
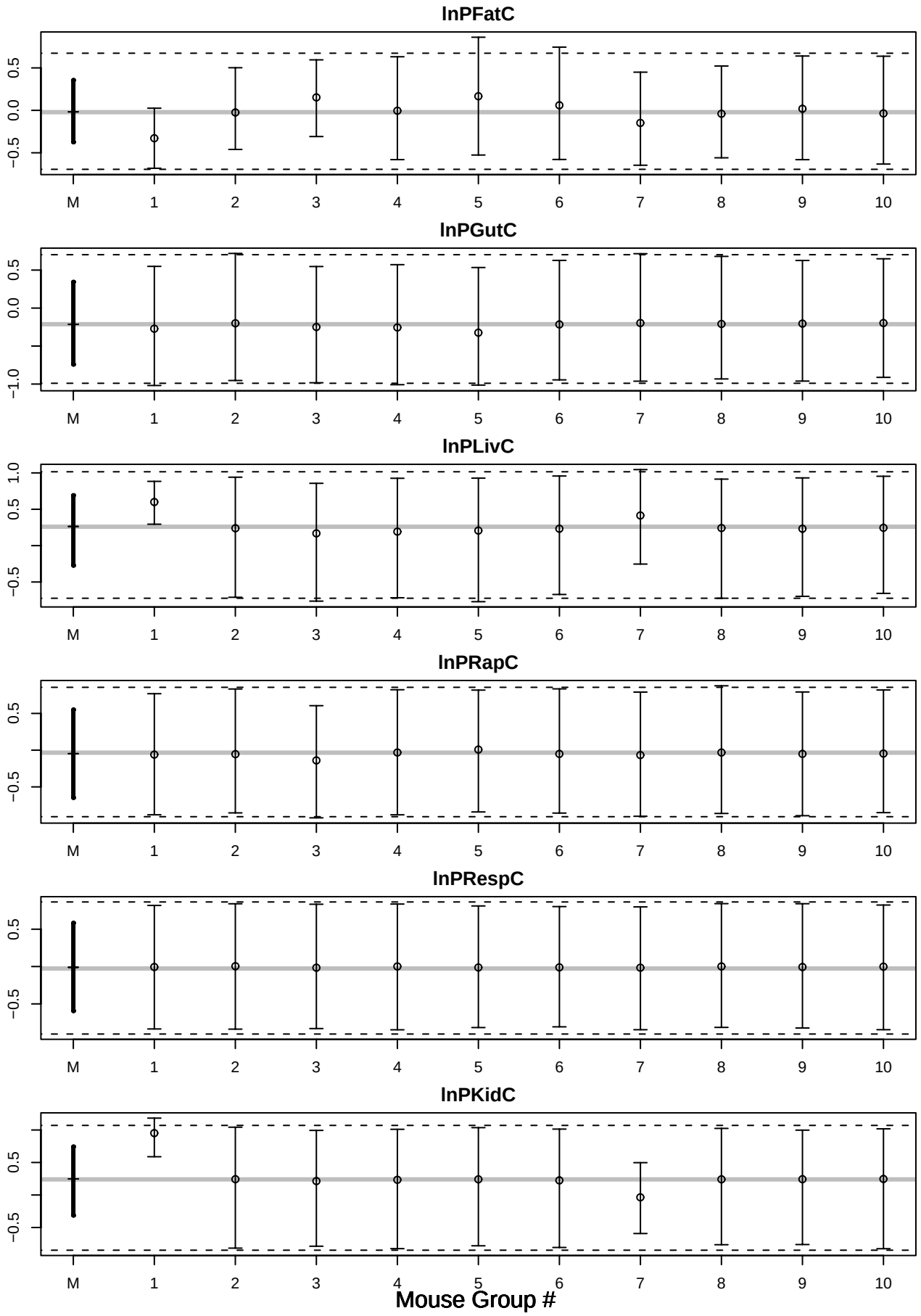
The following figures show statistical summaries (median, 95% confidence interval) of the posterior uncertainty distributions of the "scaling" (sampled) mouse PBPK model parameters for the population mean (labeled "M," using "+" symbol and thick error bar) and specific groups (labeled by number, using "○" symbol and thin error bar). The population mean distributions were also tabulated in Table A-9. In addition, for each parameter (abbreviations in Table A-4), the horizontal lines represents the median (thick gray line) and 95% confidence interval (thin dashed line) of the population distribution for combined uncertainty and variability. The numbers denoting the ten mouse groups correspond to the following data:

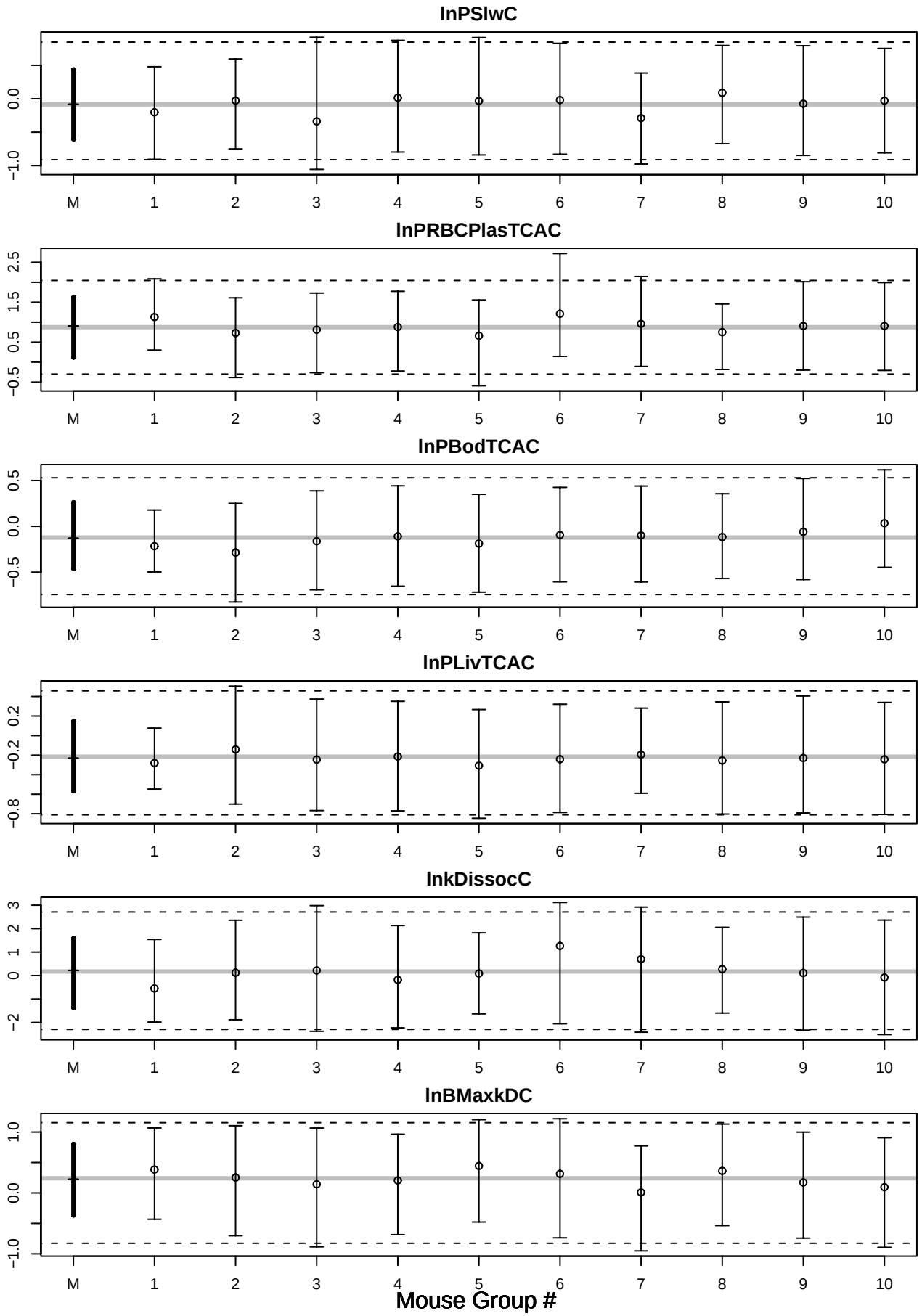
1. Abbas and Fisher (1997), Abbas et al. (1997);
2. Fisher et al. (1991) females;
3. Fisher et al. (1991) males;
4. Fisher and Allen (1993) females;
5. Fisher and Allen (1993) males;
6. Green and Prout (1985), Prout et al. (1985);
7. Greenberg et al. (1999);
8. Larson and Bull (1992a, b);
9. Merdink et al. (1998);
10. Templin et al. (1993)

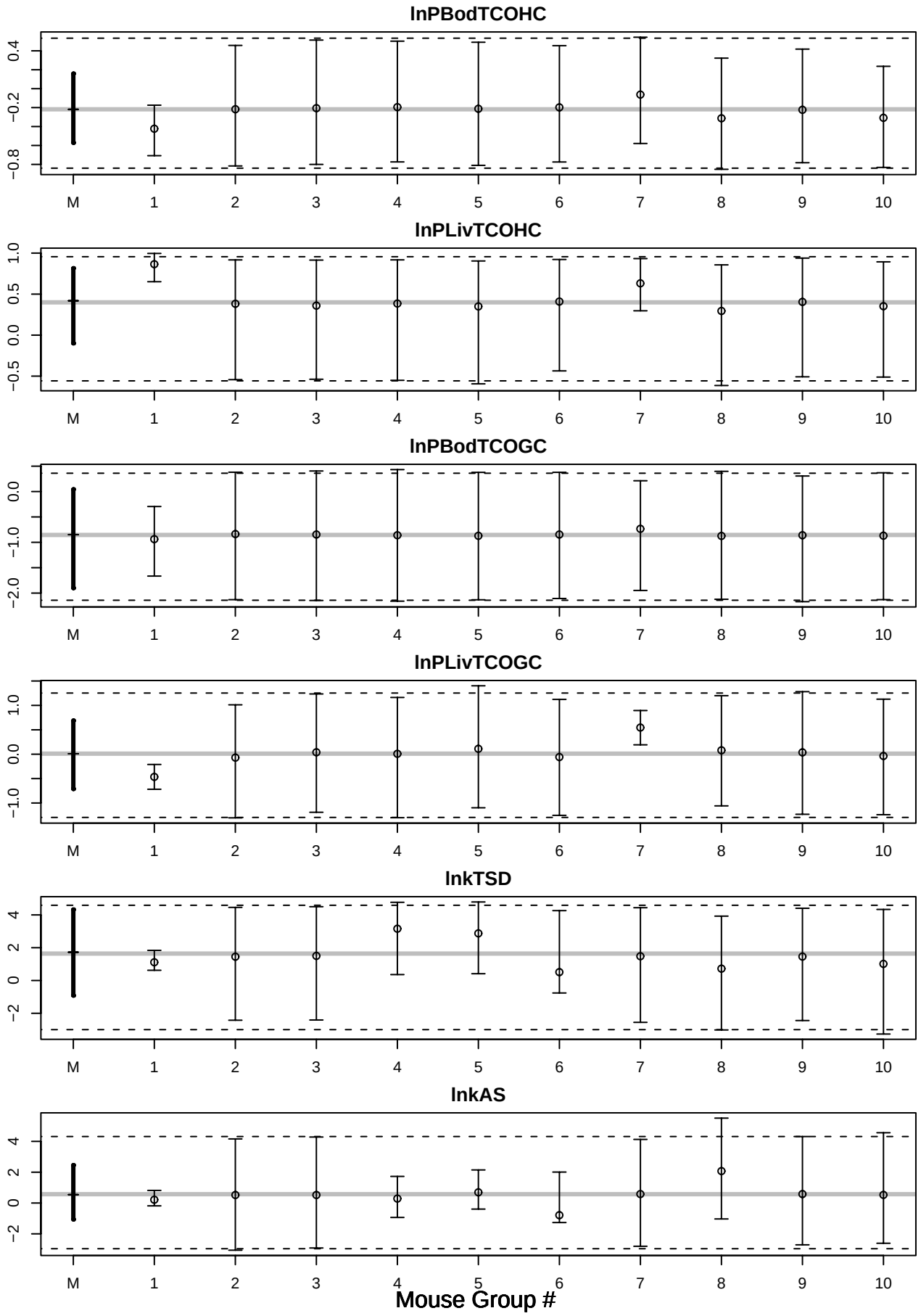

lnQCC
−0.5
0.0
0.5
M 1 2 3 4 5 6 7 8 9 10
lnVPRC
−0.6
−0.2
0.2
M 1 2 3 4 5 6 7 8 9 10
QFatC
0.5
1.0
1.5
M 1 2 3 4 5 6 7 8 9 10
QGutC
0.8
1.0
1.2
M 1 2 3 4 5 6 7 8 9 10
QLivC
0.7
0.9
1.1
1.3
M 1 2 3 4 5 6 7 8 9 10
QSlwC
0.4
0.8
1.2
M 1 2 3 4 5 6 7 8 9 10
Mouse Group #

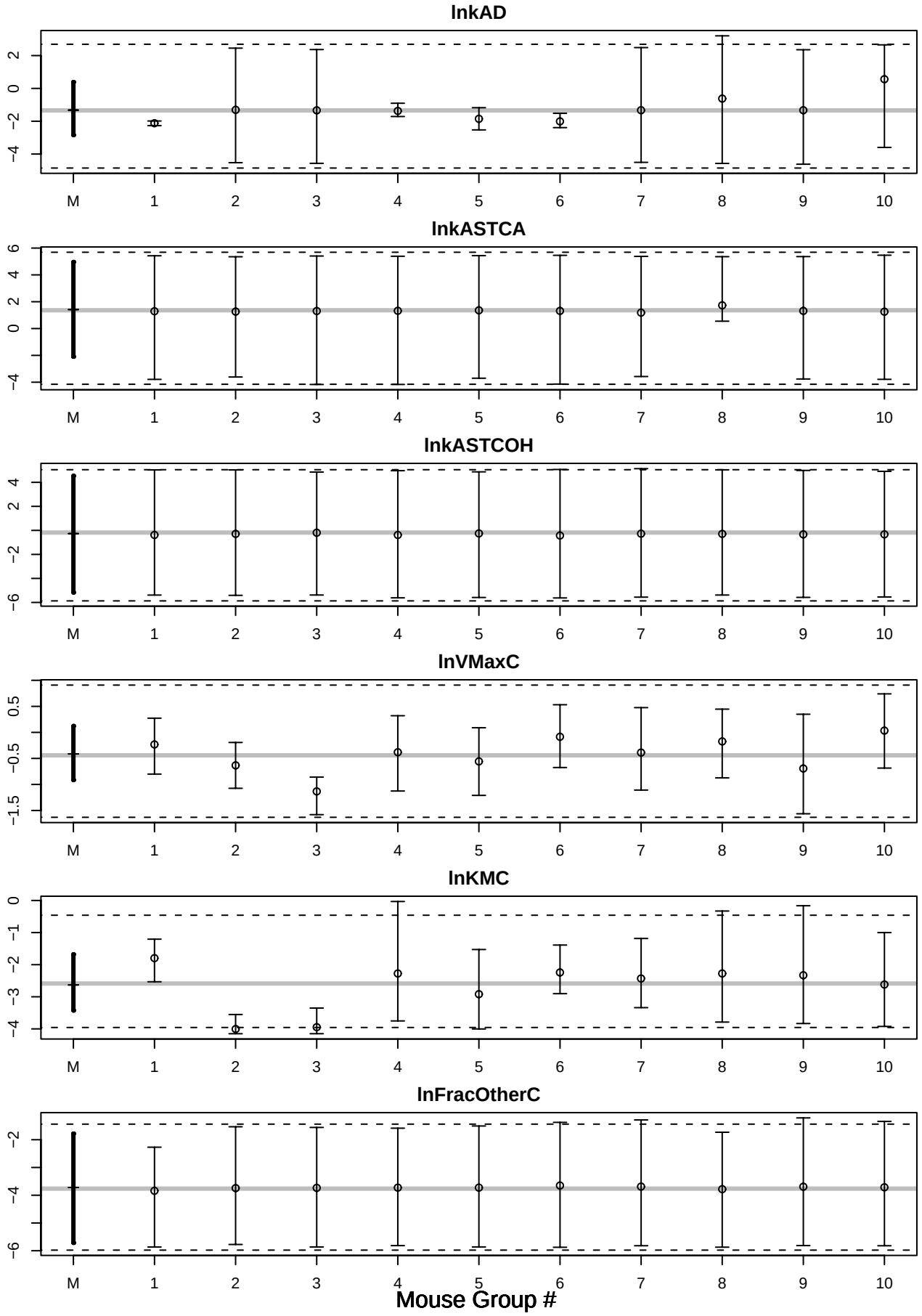

lnDRespC
QKidC
FracPlasC
VFatC
VGutC
VLivC
M
1
2
3
4
5
6
7
8
9
10
Mouse Group #

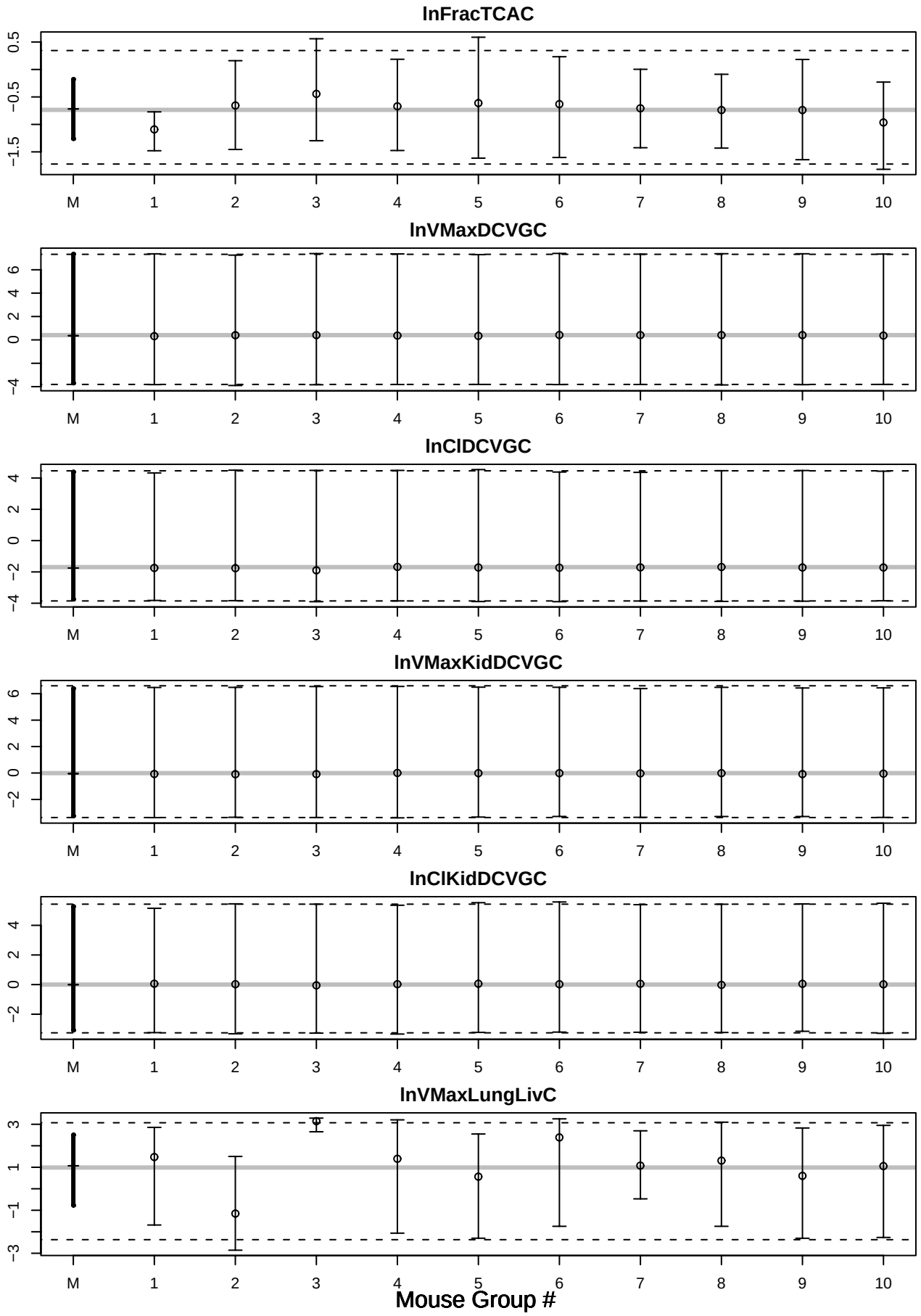

VRapC
VRespLumC
VRespEffC
VKidC
VBldC
lnPBC
M
1
2
3
4
5
6
7
8
9
10
Mouse Group #

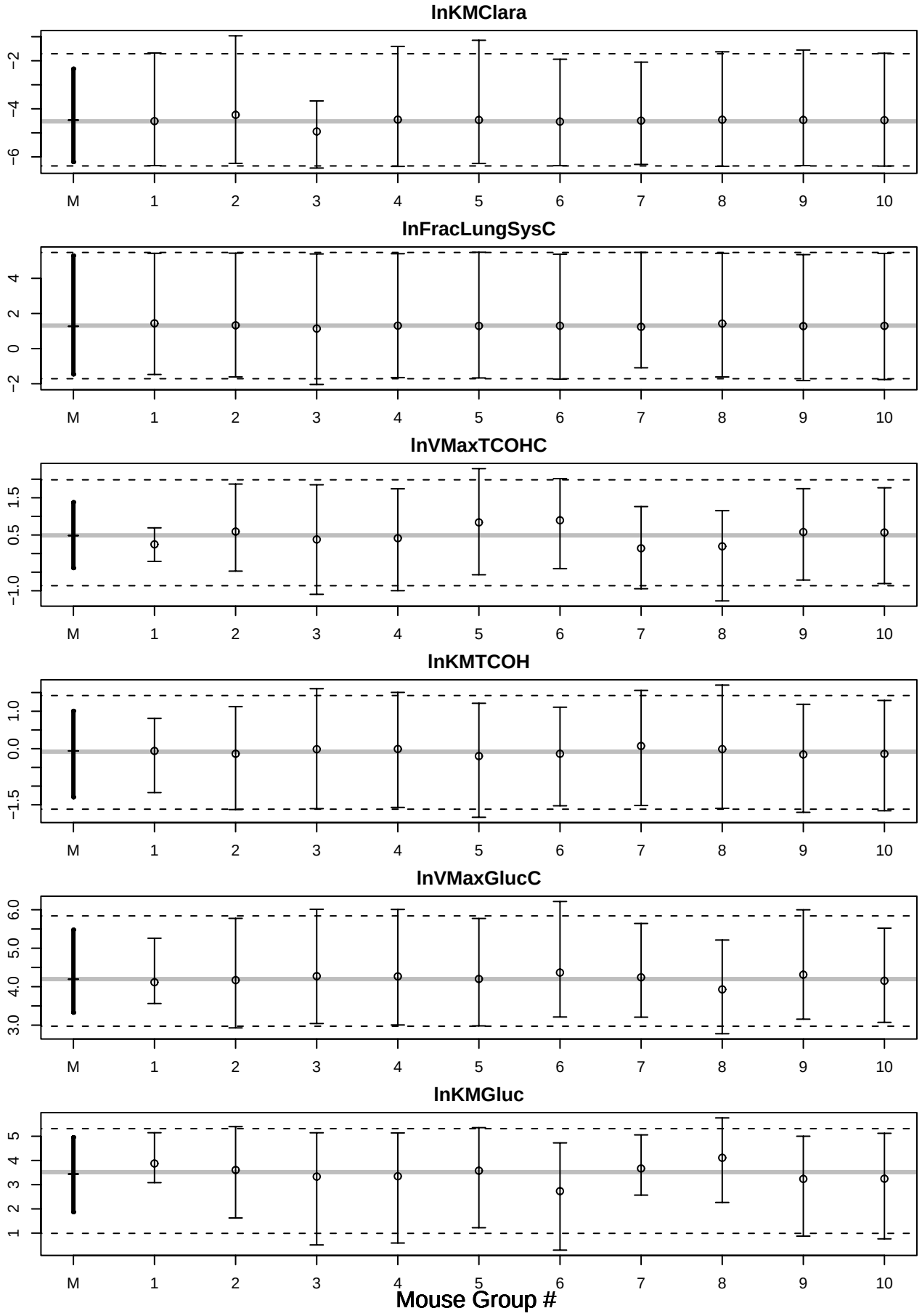

lnPFatC
lnPGutC
lnPLivC
lnPRapC
lnPRespC
lnPKidC
M
1
2
3
4
5
6
7
8
9
10
Mouse Group #

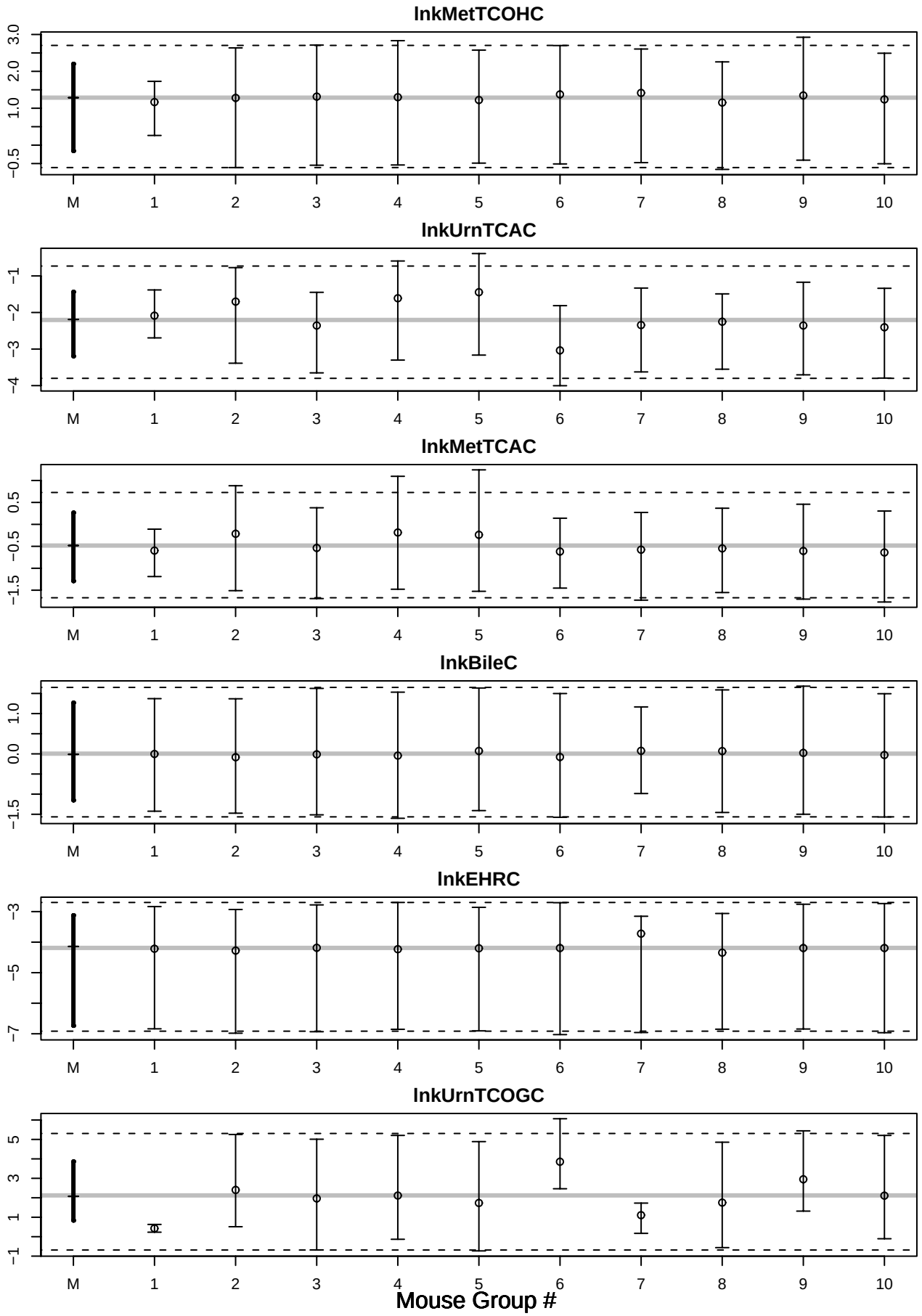

lnPSlwC
lnPRBCPlasTCAC
lnPBodTCAC
lnPLivTCAC
lnkDissocC
lnBMaxkDC
M 1 2 3 4 5 6 7 8 9 10
Mouse Group #


lnPBodTCOHC
lnPLivTCOHC
lnPBodTCOGC
lnPLivTCOGC
lnkTSD
lnkAS
M
1
2
3
4
5
6
7
8
9
10
Mouse Group #


lnkAD
lnkASTCA
lnkASTCOH
lnVMaxC
lnKMC
lnFracOtherC
M 1 2 3 4 5 6 7 8 9 10
Mouse Group #


lnFracTCAC
lnVMaxDCVGC
lnClDCVGC
lnVMaxKidDCVGC
lnClKidDCVGC
lnVMaxLungLivC
M 1 2 3 4 5 6 7 8 9 10
Mouse Group #


lnKMClara
lnFracLungSysC
lnVMaxTCOHC
lnKMTCOH
lnVMaxGlucC
lnKMGluc
M 1 2 3 4 5 6 7 8 9 10
Mouse Group #


lnkMetTCOHC
lnkUrnTCAC
lnkMetTCAC
lnkBileC
lnkEHRC
lnkUrnTCOGC
M 1 2 3 4 5 6 7 8 9 10
Mouse Group #