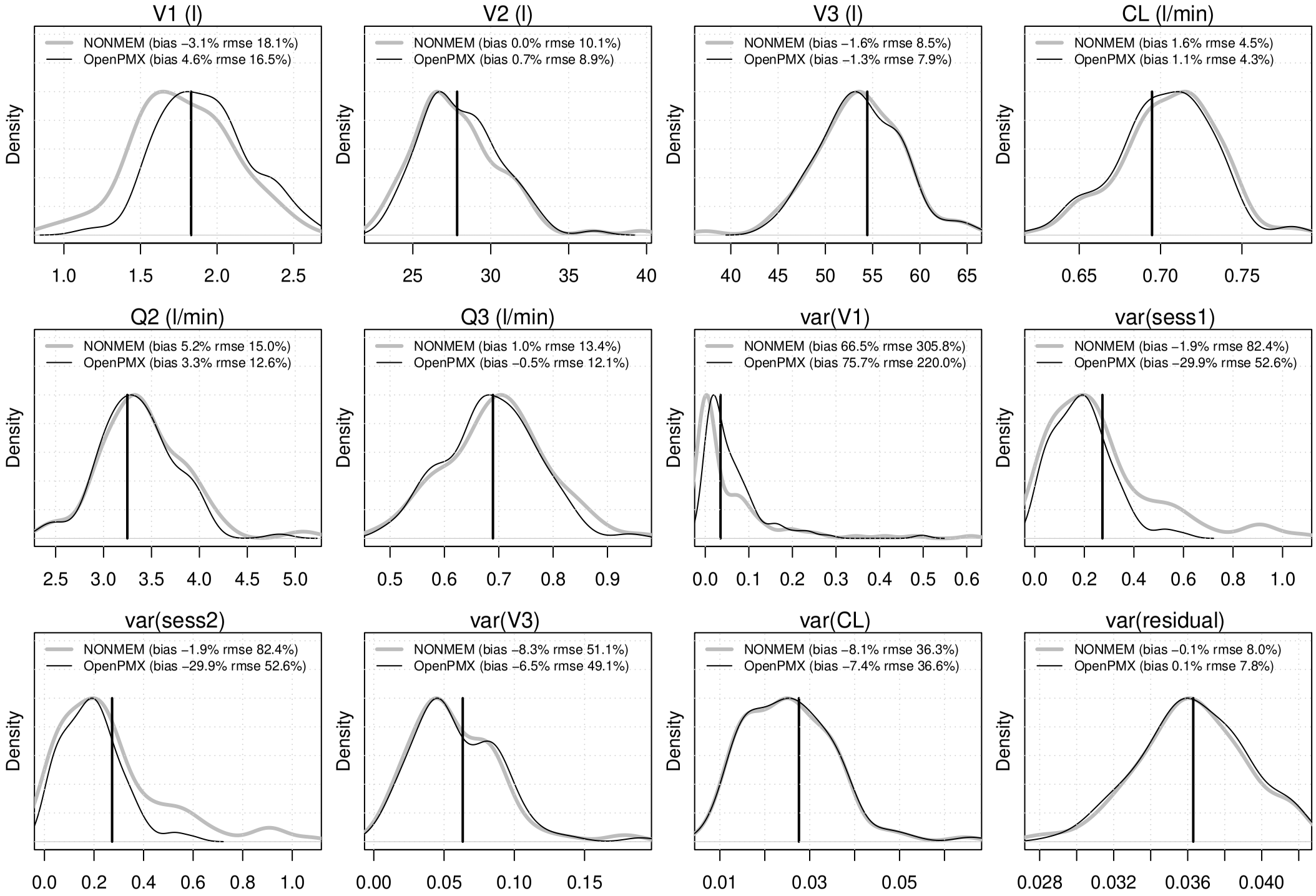
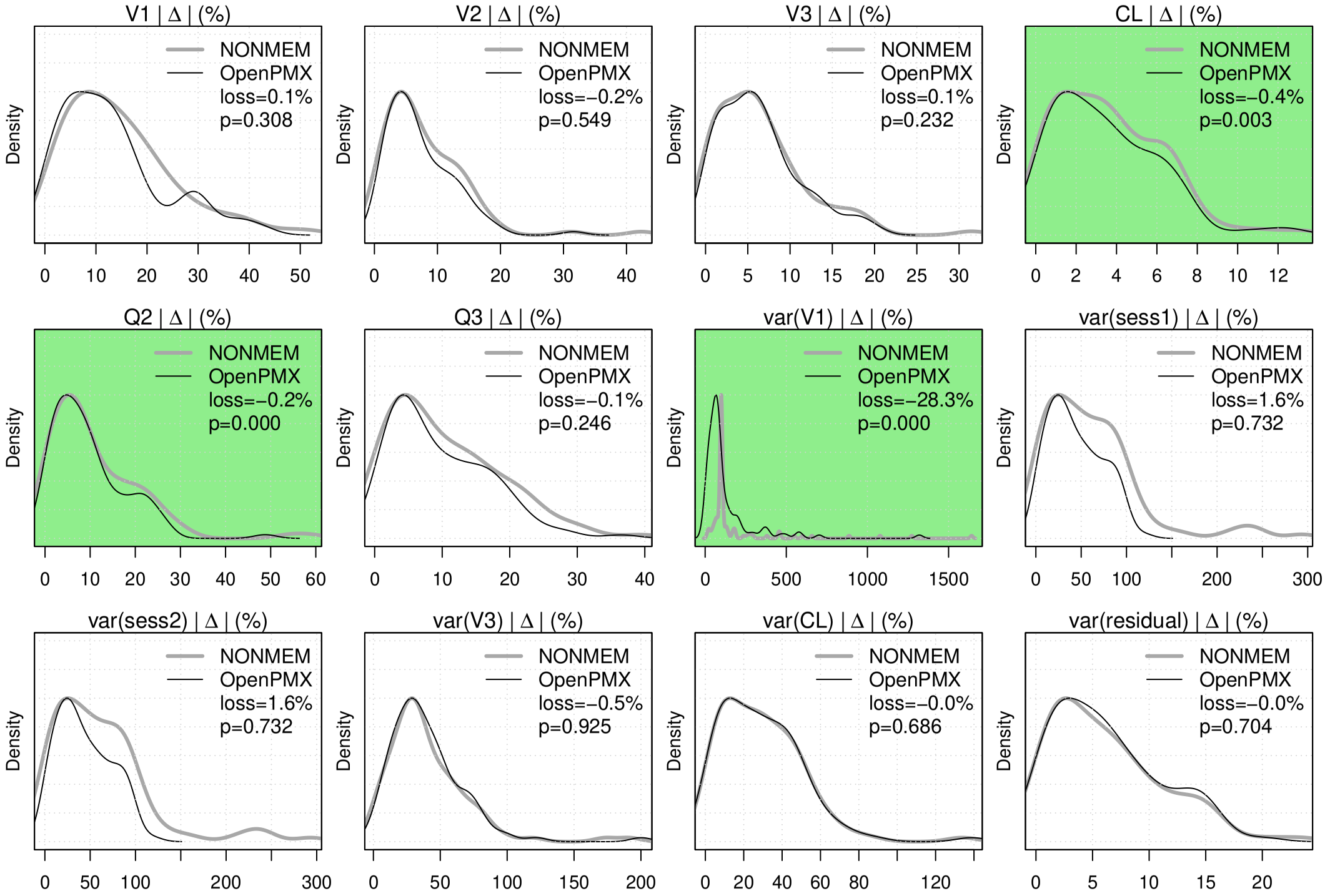
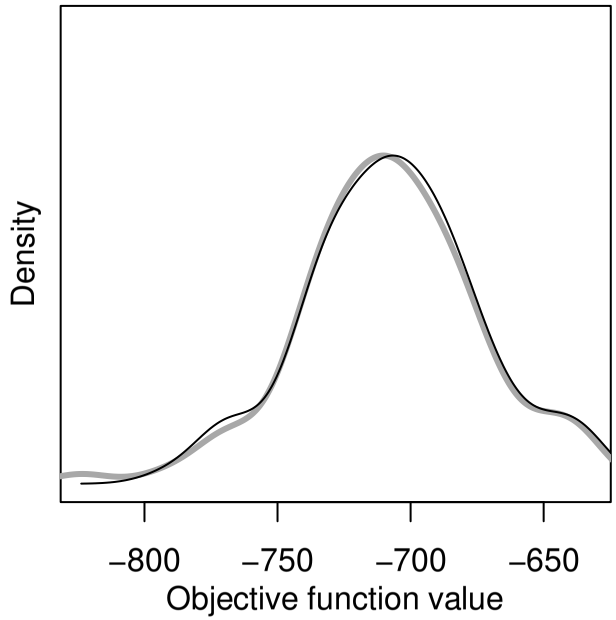
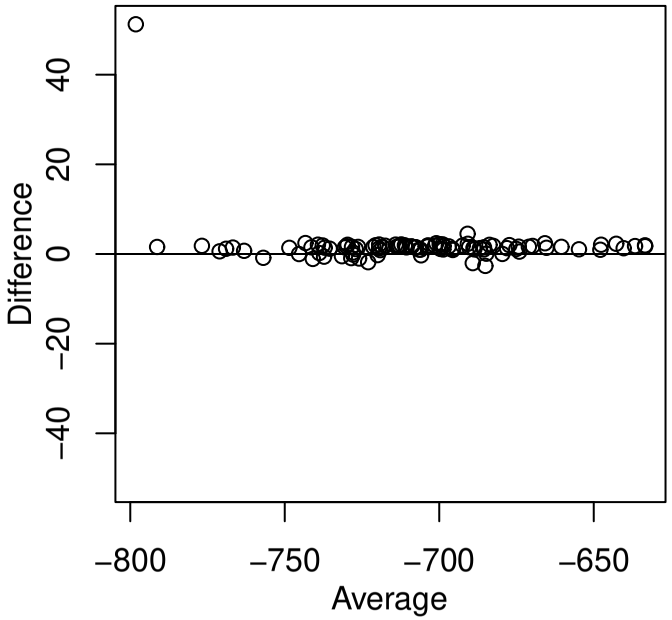
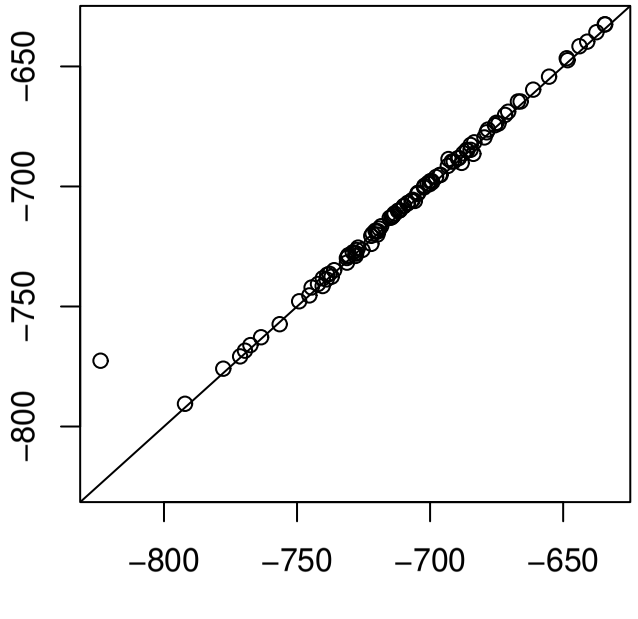

V1 (l)
NONMEM (bias −3.1% rmse 18.1%)
OpenPMX (bias 4.6% rmse 16.5%)
Density
1.0 1.5 2.0 2.5
V2 (l)
NONMEM (bias 0.0% rmse 10.1%)
OpenPMX (bias 0.7% rmse 8.9%)
Density
25 30 35 40
V3 (l)
NONMEM (bias −1.6% rmse 8.5%)
OpenPMX (bias −1.3% rmse 7.9%)
Density
40 45 50 55 60 65
CL (l/min)
NONMEM (bias 1.6% rmse 4.5%)
OpenPMX (bias 1.1% rmse 4.3%)
Density
0.65 0.70 0.75
Q2 (l/min)
NONMEM (bias 5.2% rmse 15.0%)
OpenPMX (bias 3.3% rmse 12.6%)
Density
2.5 3.0 3.5 4.0 4.5 5.0
Q3 (l/min)
NONMEM (bias 1.0% rmse 13.4%)
OpenPMX (bias −0.5% rmse 12.1%)
Density
0.5 0.6 0.7 0.8 0.9
var(V1)
NONMEM (bias 66.5% rmse 305.8%)
OpenPMX (bias 75.7% rmse 220.0%)
Density
0.0 0.1 0.2 0.3 0.4 0.5 0.6
var(sess1)
NONMEM (bias −1.9% rmse 82.4%)
OpenPMX (bias −29.9% rmse 52.6%)
Density
0.0 0.2 0.4 0.6 0.8 1.0
var(sess2)
NONMEM (bias −1.9% rmse 82.4%)
OpenPMX (bias −29.9% rmse 52.6%)
Density
0.0 0.2 0.4 0.6 0.8 1.0
var(V3)
NONMEM (bias −8.3% rmse 51.1%)
OpenPMX (bias −6.5% rmse 49.1%)
Density
0.00 0.05 0.10 0.15
var(CL)
NONMEM (bias −8.1% rmse 36.3%)
OpenPMX (bias −7.4% rmse 36.6%)
Density
0.01 0.03 0.05
var(residual)
NONMEM (bias −0.1% rmse 8.0%)
OpenPMX (bias 0.1% rmse 7.8%)
Density
0.028 0.032 0.036 0.040


gronmem vs nonmem
V1 | Δ | (%)
NONMEM
OpenPMX
loss=0.1%
p=0.308
V2 | Δ | (%)
NONMEM
OpenPMX
loss=−0.2%
p=0.549
V3 | Δ | (%)
NONMEM
OpenPMX
loss=0.1%
p=0.232
CL | Δ | (%)
NONMEM
OpenPMX
loss=−0.4%
p=0.003
Q2 | Δ | (%)
NONMEM
OpenPMX
loss=−0.2%
p=0.000
Q3 | Δ | (%)
NONMEM
OpenPMX
loss=−0.1%
p=0.246
var(V1) | Δ | (%)
NONMEM
OpenPMX
loss=−28.3%
p=0.000
var(sess1) | Δ | (%)
NONMEM
OpenPMX
loss=1.6%
p=0.732
var(sess2) | Δ | (%)
NONMEM
OpenPMX
loss=1.6%
p=0.732
var(V3) | Δ | (%)
NONMEM
OpenPMX
loss=−0.5%
p=0.925
var(CL) | Δ | (%)
NONMEM
OpenPMX
loss=−0.0%
p=0.686
var(residual) | Δ | (%)
NONMEM
OpenPMX
loss=−0.0%
p=0.704
Density

OpenPMX vs NONMEM