Left plot (Population Predicted):
R−squared = 0.651
Inter = 2.59 (95%CI −0.456 to 5.64)
Slope = 0.9 (95%CI 0.778 to 1.02)
Bias = 0.304
Imprecision = 13.2

Right plot (Individual Posterior Predicted):
R−squared = 0.953
Inter = 0.51 (95%CI −0.518 to 1.54)
Slope = 1 (95%CI 0.959 to 1.04)
Bias = −0.279
Imprecision = 1.7

Model Description	-2*LL	AIC	BIC
1-compartment	1270.1	1276.2	1285.9
2-compartment	1195.9	1206	1222.2
2-compartment with CrCL	1163.8	1176	1195.4
2-compartment with CrCL and Weight	1159.9	1172	1191.4
2-compartment with CrCL, RRT and BMI	1130.7	1143	1162.2
2-compartment with CrCL, RRT, Weight and ECMO mode	742.1	757	775.9
2-compartment with CrCL, RRT and Weight	507.4	522.5	540.6

#Pri
Cl,0.1, 10.2
Clrrt,0,1
V, 0.5, 80
IC2, 0.1,9300
Kcp,0,8.2
Kpc,0,14

#COV
IC
WT
RRT1
CrCl

#INI
X(1) = IC*Vw
X(2) = IC2

#Sec
Cln = Cl*(CrCl/77)
&IF (RRT1.eq.1) THEN Cln = Clrrt
Vw = V*(WT/80)**0.75
Ke = Cln/Vw

#Out
Y(1) = X(1)/Vw

#Err
G=3
1.5,0.2,0,0