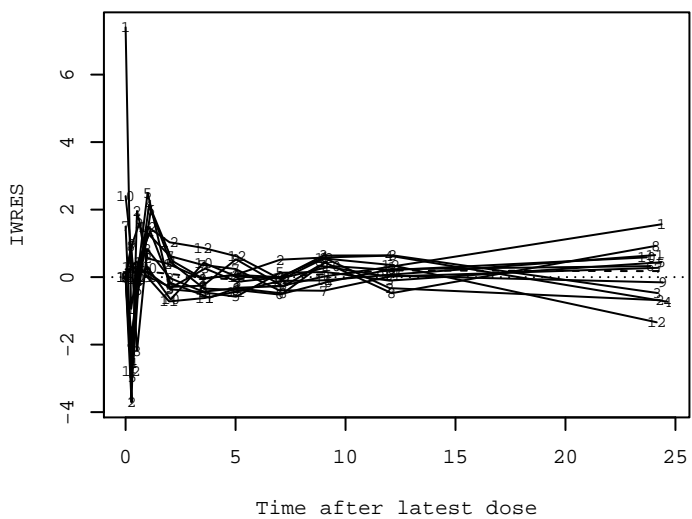
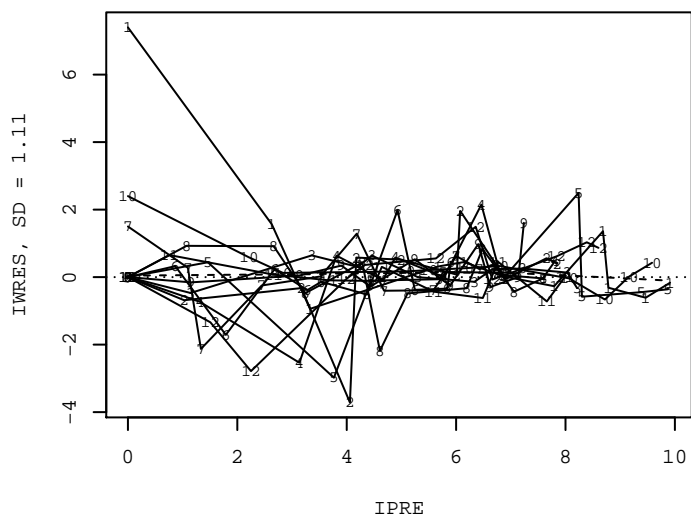
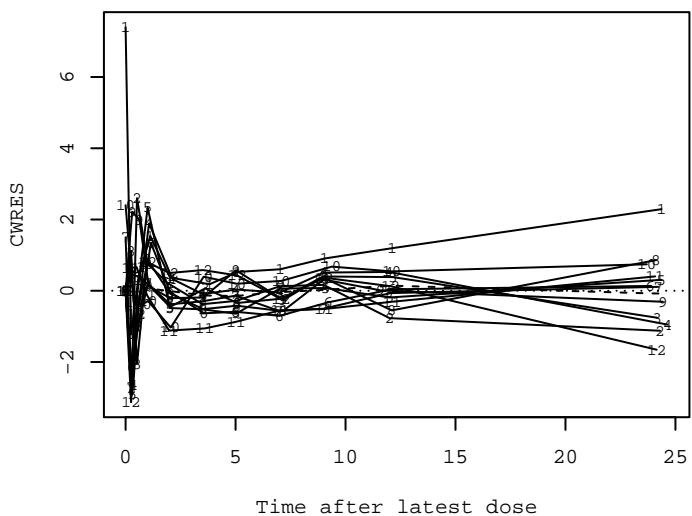
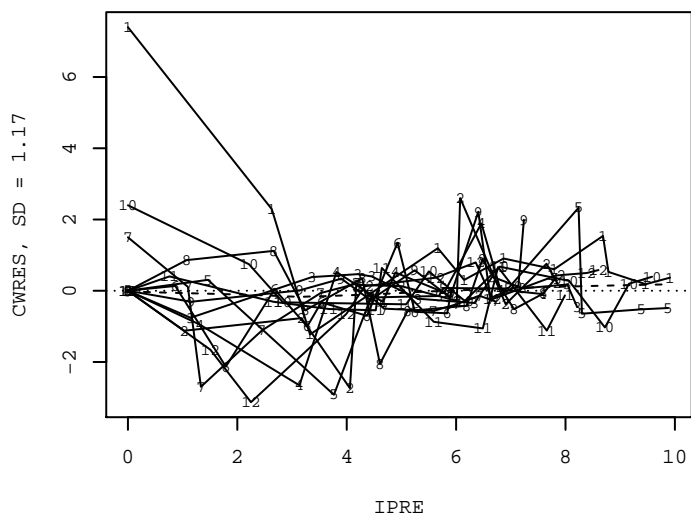
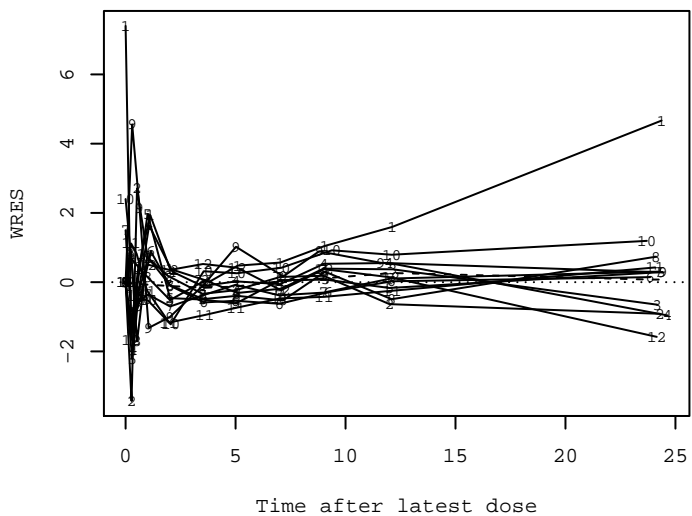
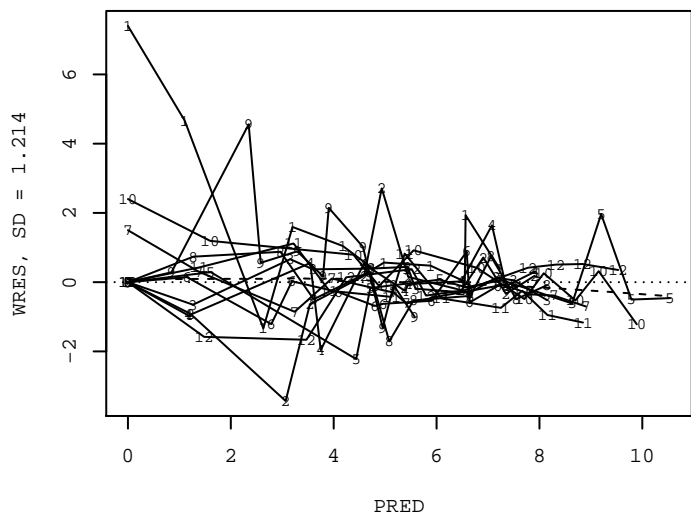
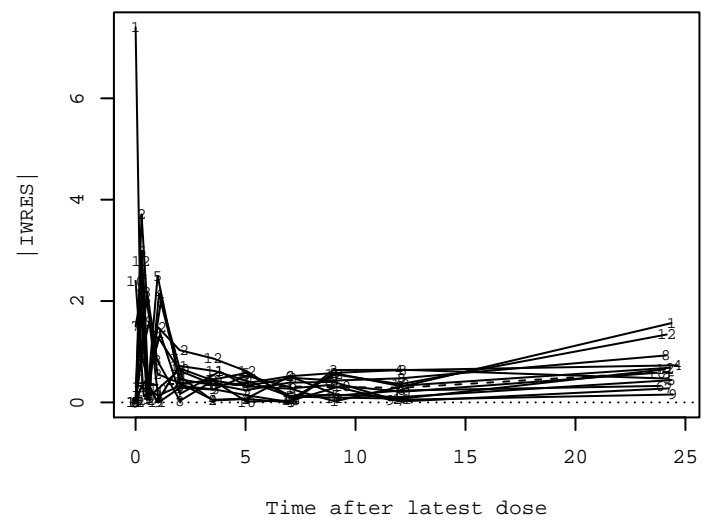
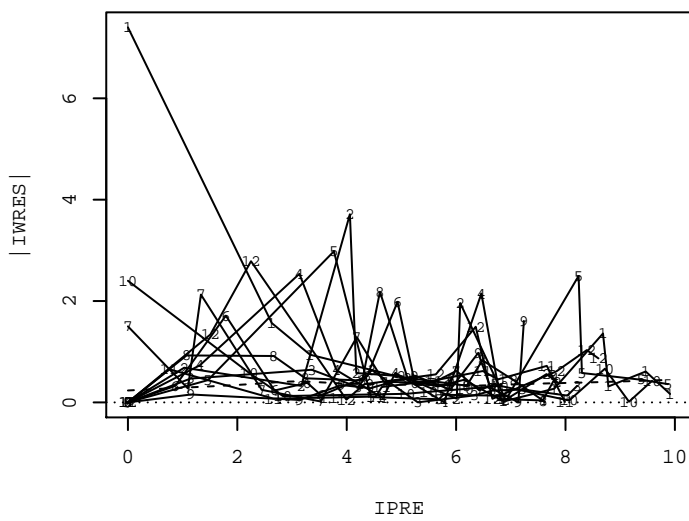
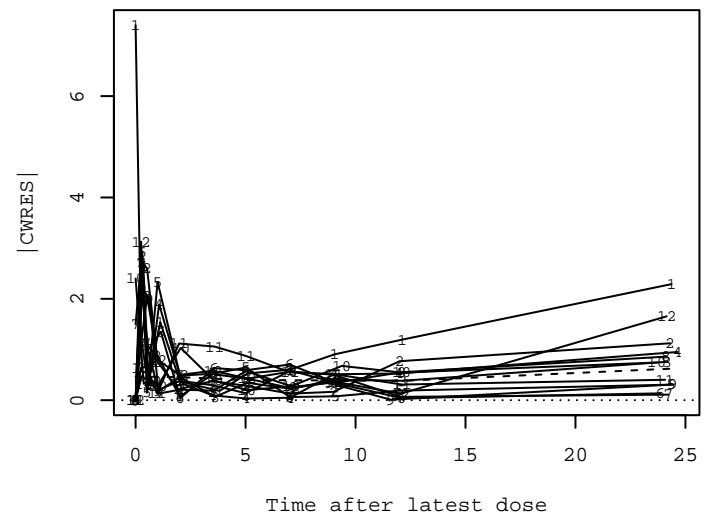
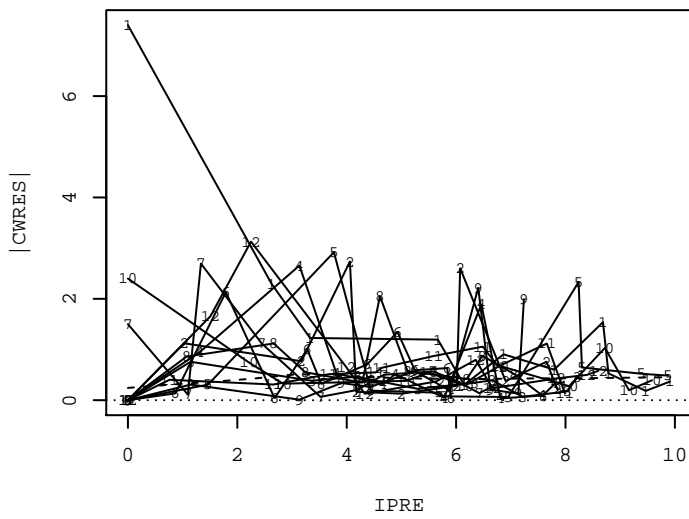
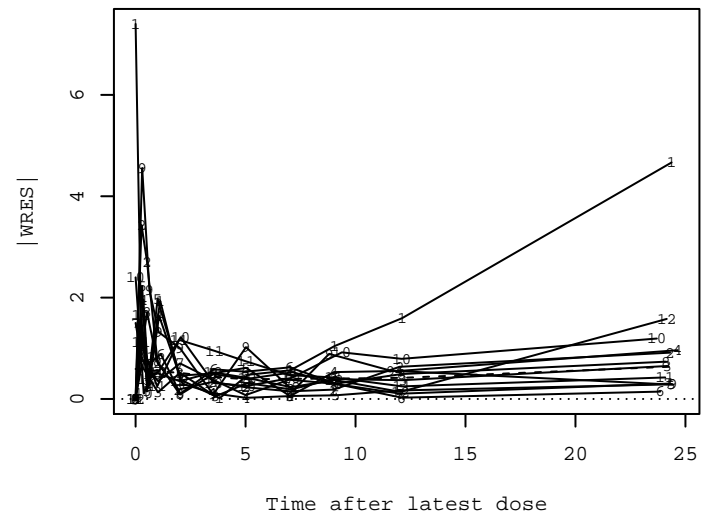
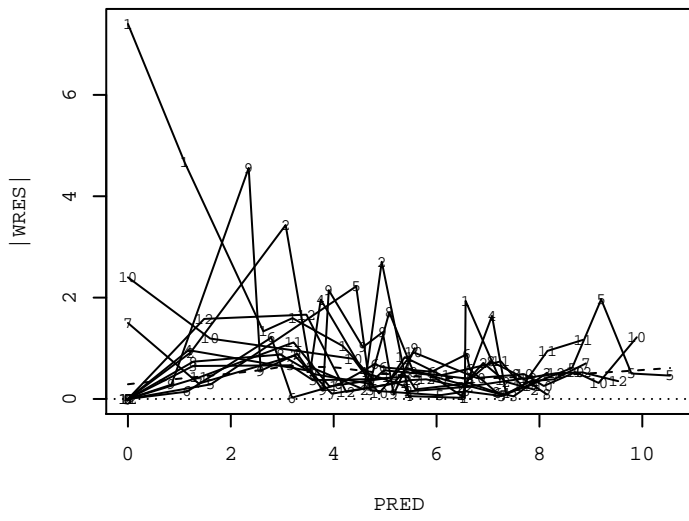


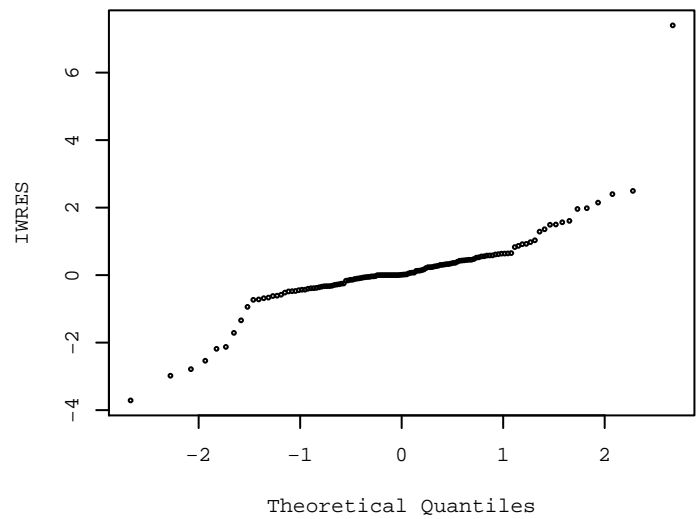
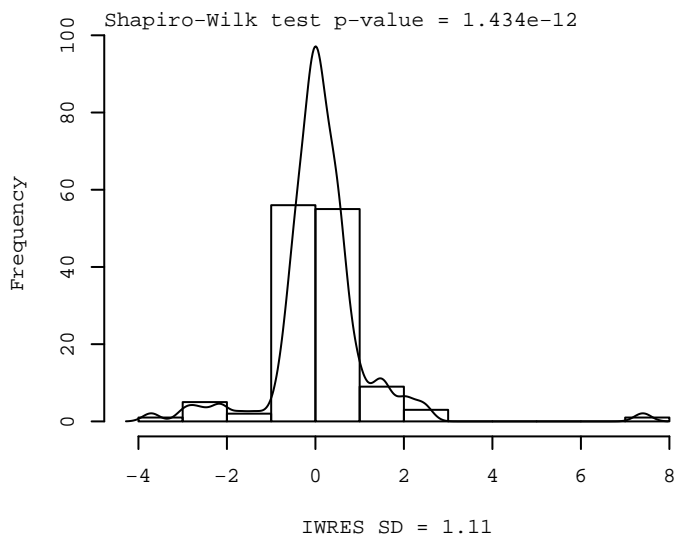
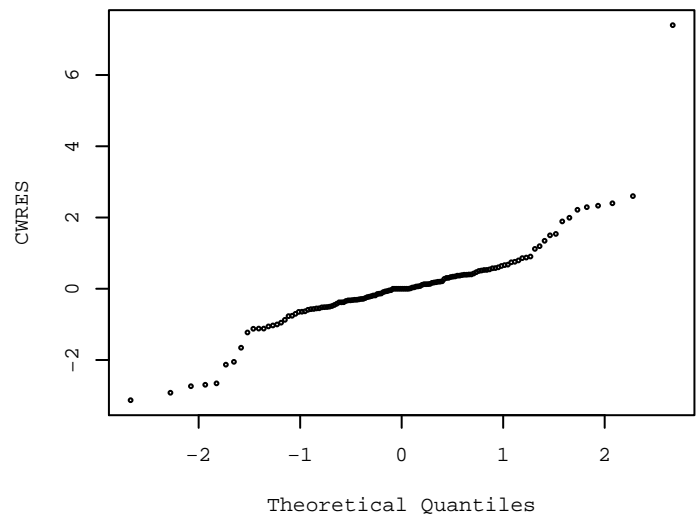
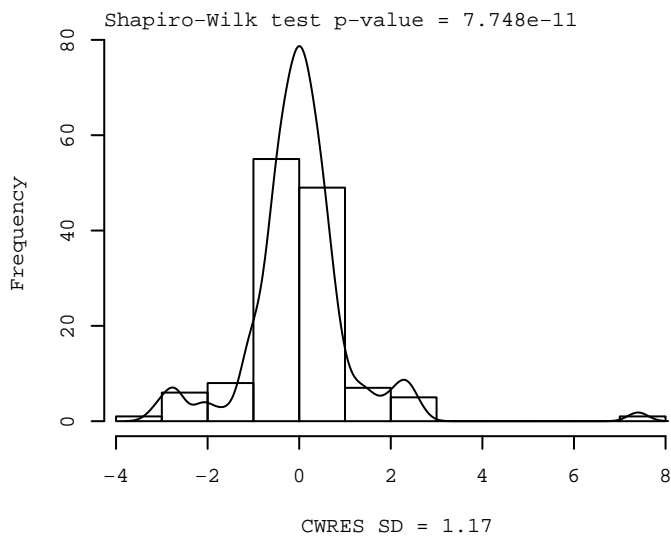
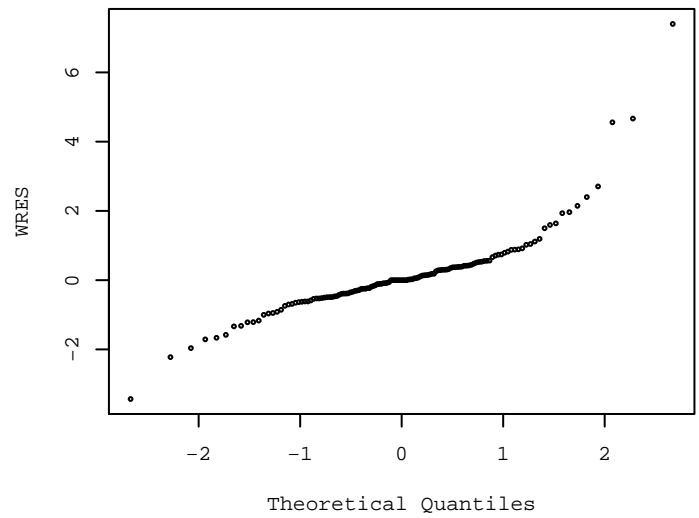
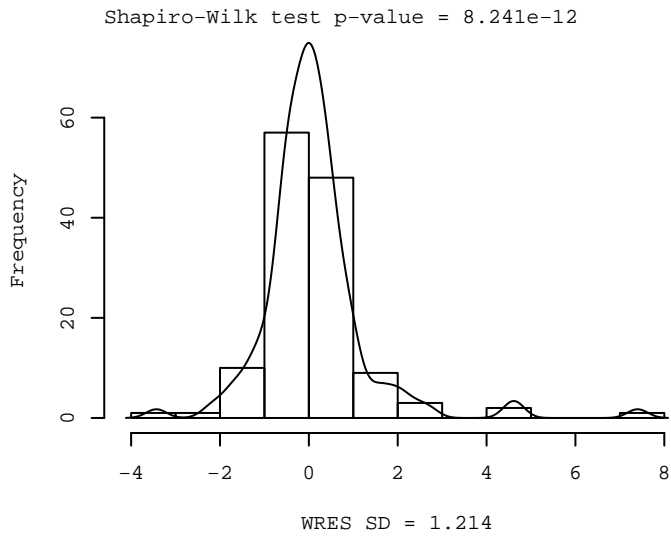
# Residuals of Model C07-4



# Absolute Values of Residuals of Model C07-4



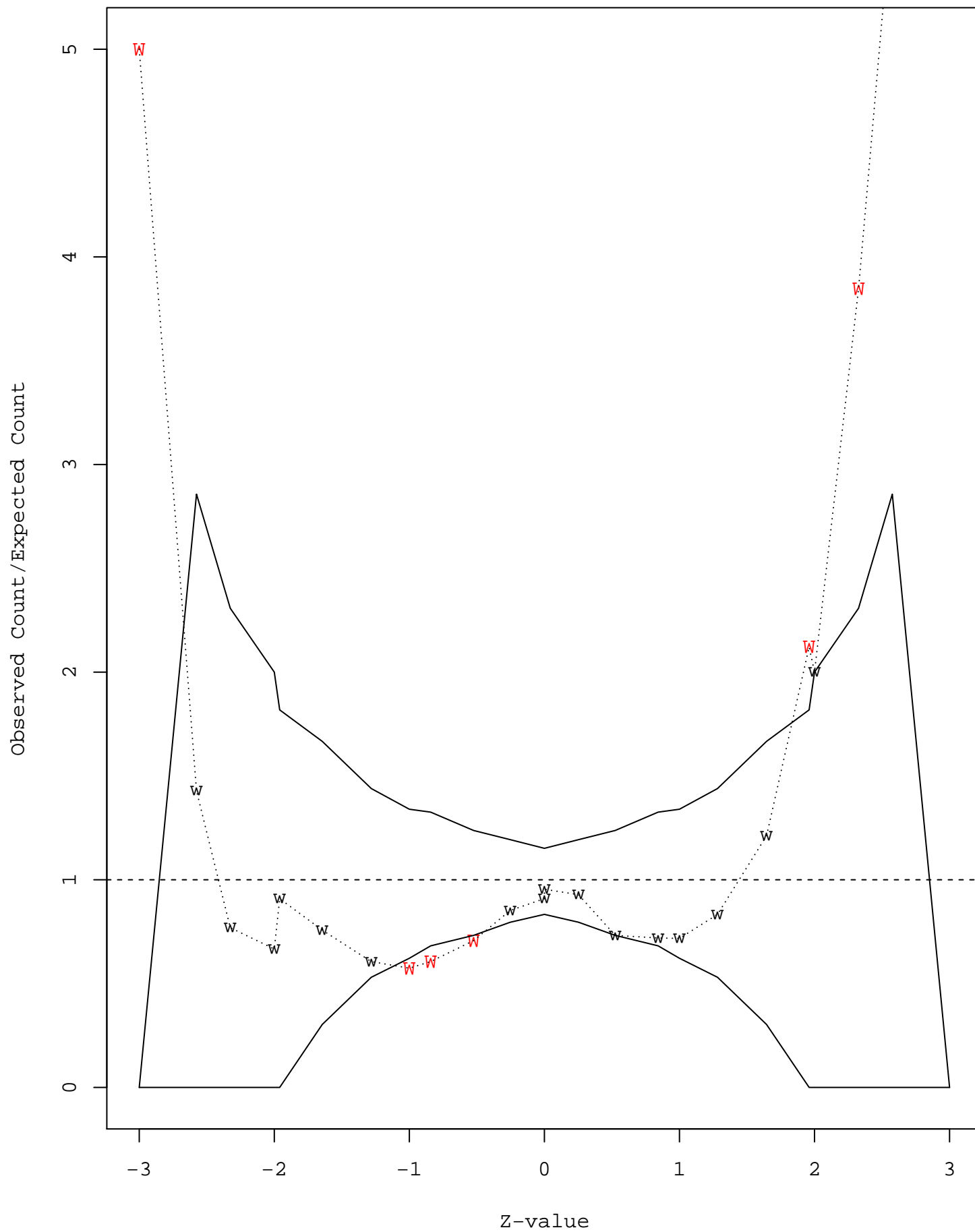
## Distribution of Residuals of Model C07-4



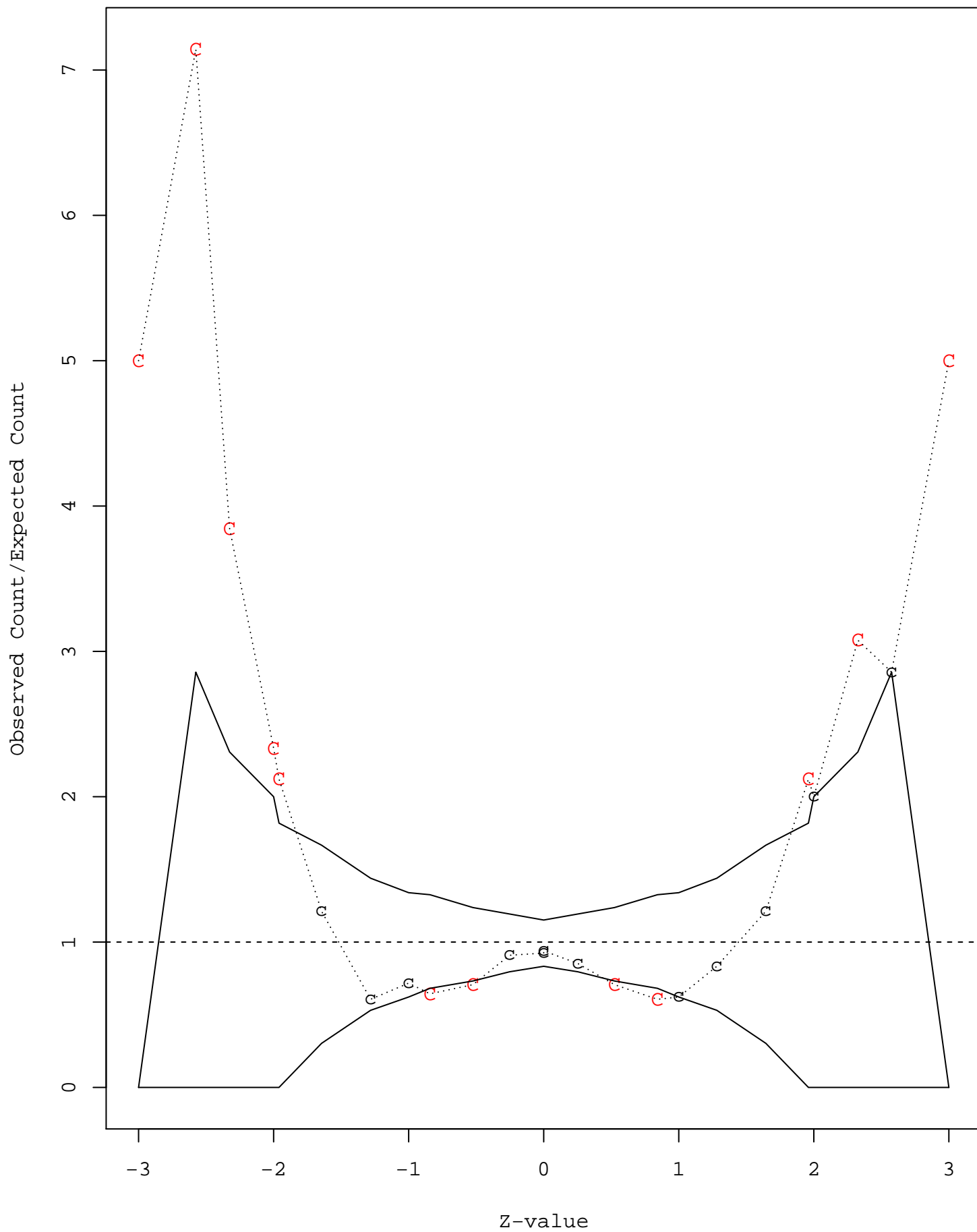
# Test of residual counts using binomial distribution

	Z-value	Percent	Expected	LB	UB	WRES	Cnt	WRES	p-val	CWRE	Cnt	CWRE	p-val	IWRE	Cnt	IWRE	p-val
[1,]	-3.000	0.13	0.2	0	0		1		0.014		1		0.014		1		0.014
[2,]	-2.576	0.50	0.7	0	2		1		0.142		5		0.000		3		0.005
[3,]	-2.326	1.00	1.3	0	3		1		0.381		5		0.002		4		0.011
[4,]	-2.000	2.28	3.0	0	6		2		0.420		7		0.011		6		0.032
[5,]	-1.960	2.50	3.3	0	6		3		0.420		7		0.018		6		0.049
[6,]	-1.645	5.00	6.6	2	11		5		0.349		8		0.216		7		0.340
[7,]	-1.282	10.00	13.2	7	19		8		0.080		8		0.080		8		0.080
[8,]	-1.000	15.87	20.9	13	28		12		0.017		15		0.094		8		0.001
[9,]	-0.842	20.00	26.4	18	35		16		0.012		17		0.022		9		0.000
[10,]	-0.524	30.00	39.6	29	49		28		0.015		28		0.015		16		0.000
[11,]	-0.253	40.00	52.8	42	63		45		0.097		48		0.223		36		0.002
[12,]	0.000	50.00	66.0	55	76		60		0.169		61		0.217		55		0.034
[13,]	0.000	50.00	66.0	55	76		63		0.332		62		0.271		68		0.332
[14,]	0.253	40.00	52.8	42	63		49		0.280		45		0.097		50		0.343
[15,]	0.524	30.00	39.6	29	49		29		0.025		28		0.015		30		0.039
[16,]	0.842	20.00	26.4	18	35		19		0.063		16		0.012		17		0.022
[17,]	1.000	15.87	20.9	13	28		15		0.094		13		0.033		13		0.033
[18,]	1.282	10.00	13.2	7	19		11		0.322		11		0.322		12		0.434
[19,]	1.645	5.00	6.6	2	11		8		0.216		8		0.216		6		0.492
[20,]	1.960	2.50	3.3	0	6		7		0.018		7		0.018		6		0.049
[21,]	2.000	2.28	3.0	0	6		6		0.032		6		0.032		4		0.183
[22,]	2.326	1.00	1.3	0	3		5		0.002		4		0.011		3		0.044
[23,]	2.576	0.50	0.7	0	2		4		0.001		2		0.029		1		0.142
[24,]	3.000	0.13	0.2	0	0		3		0.000		1		0.014		1		0.014

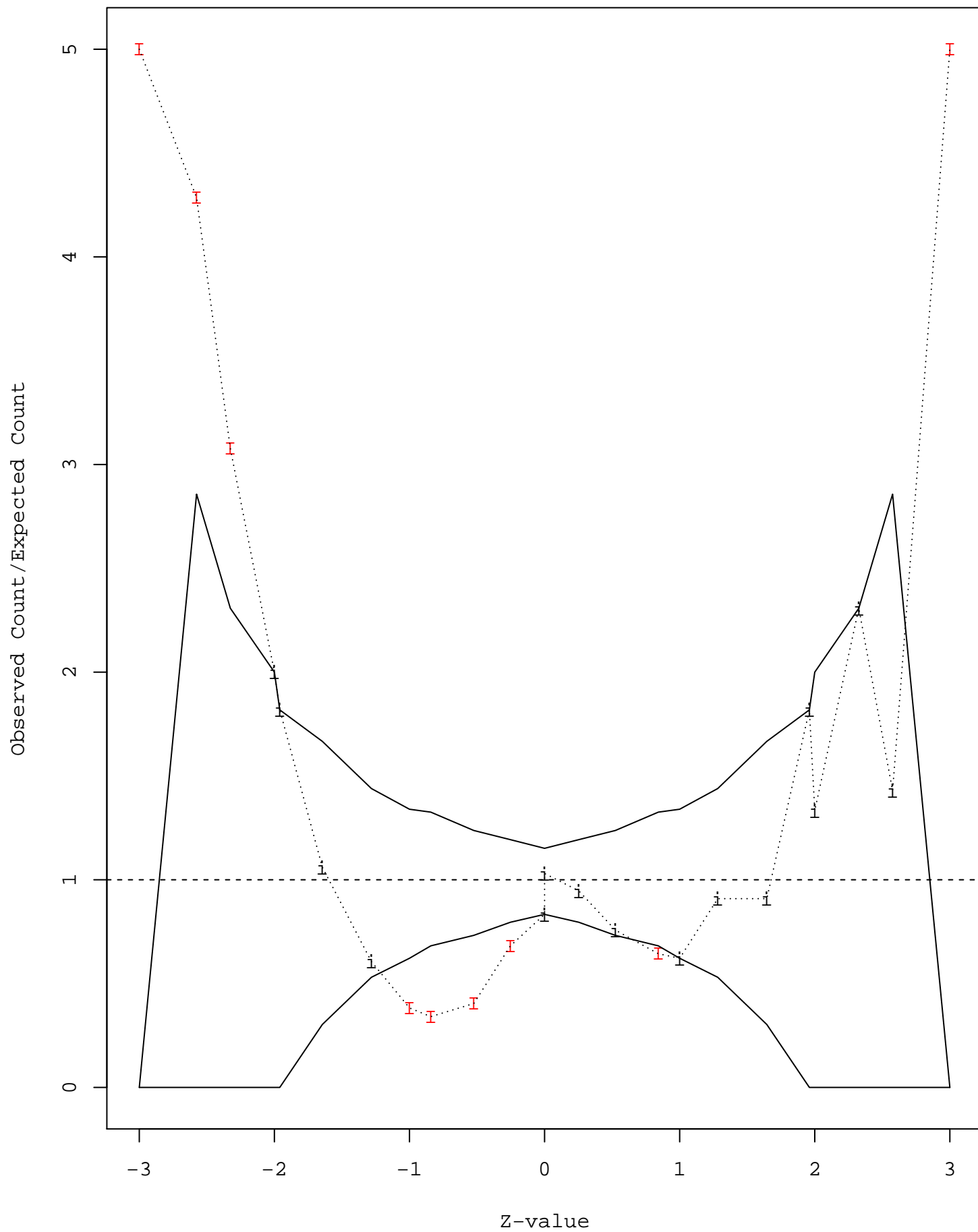
Ratio of WRES Count to Expected Count



Ratio of CWRES Count to Expected Count



Ratio of IWRES Count to Expected Count



# Extreme WRES values larger than 3

	ID	TIME	DV	PRED	IPRE	WRES	CWRE	IWRE
2	1	0.00	0.74	0.0000	0.0000	7.4000	7.4000	7.40000
12	1	24.37	3.28	1.1029	2.6299	4.6670	2.2907	1.56560
15	2	0.27	1.72	3.0657	4.0582	-3.4317	-2.7356	-3.71200
99	9	0.30	7.37	2.3475	6.4053	4.5586	2.2173	0.97774



# Extreme WRES values larger than 2

	ID	TIME	DV	PRED	IPRE	WRES	CWRE	IWRE
2	1	0.00	0.74	0.0000	0.0000	7.4000	7.4000	7.40000
12	1	24.37	3.28	1.1029	2.6299	4.6670	2.2907	1.56560
15	2	0.27	1.72	3.0657	4.0582	-3.4317	-2.7356	-3.71200
16	2	0.52	7.91	4.9342	6.0748	2.7074	2.6011	1.96010
51	5	0.30	2.02	4.4376	3.7658	-2.2226	-2.9193	-2.98070
99	9	0.30	7.37	2.3475	6.4053	4.5586	2.2173	0.97774
100	9	0.63	9.03	3.9041	7.2395	2.1465	1.9932	1.60740
110	10	0.00	0.24	0.0000	0.0000	2.4000	2.4000	2.40000

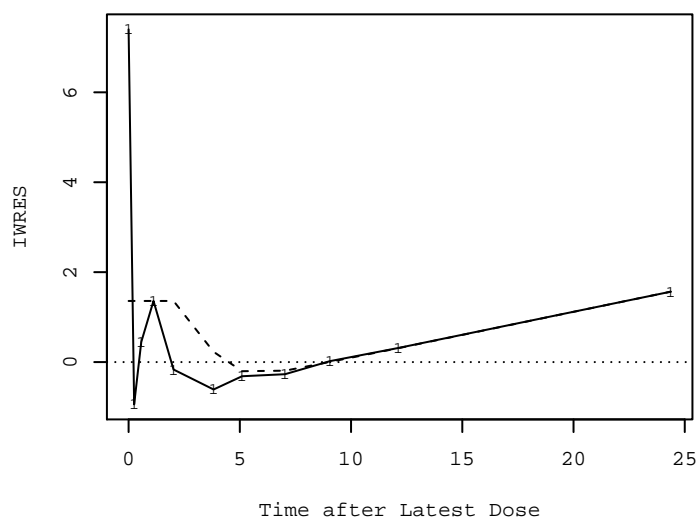
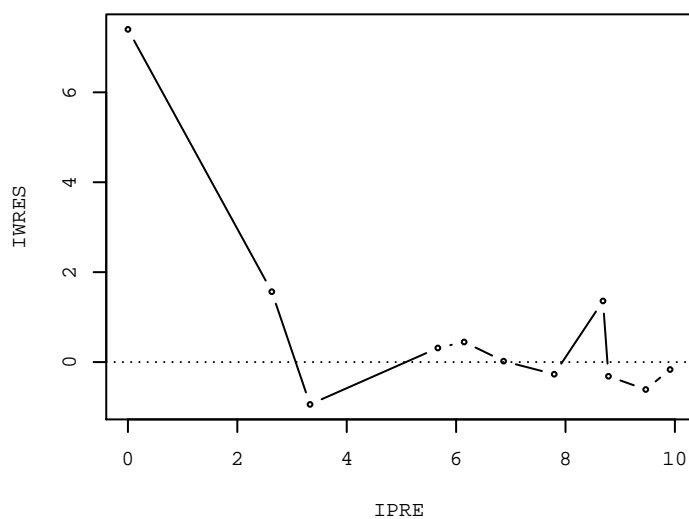
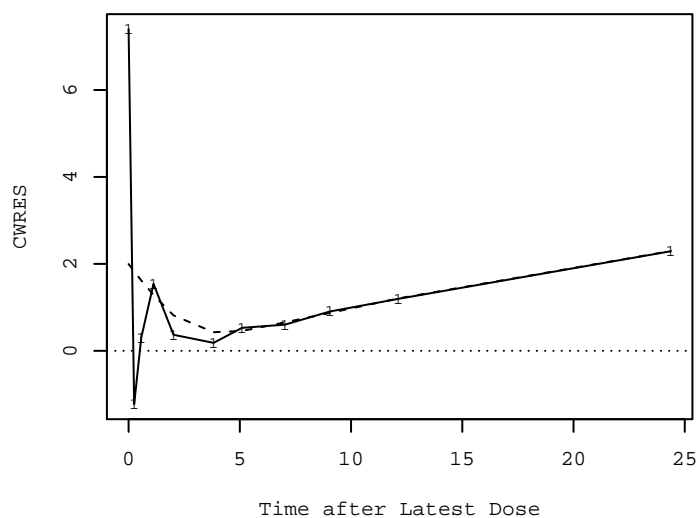
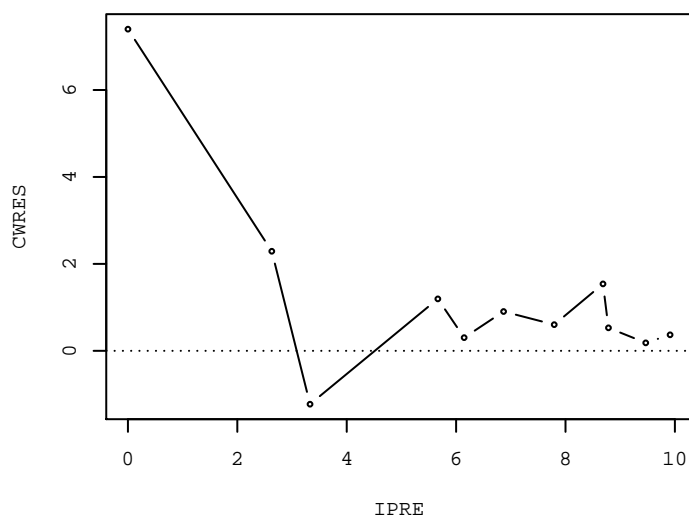
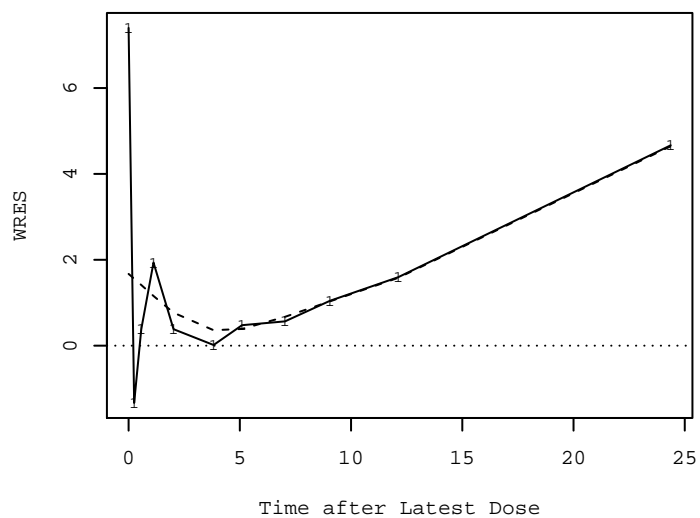
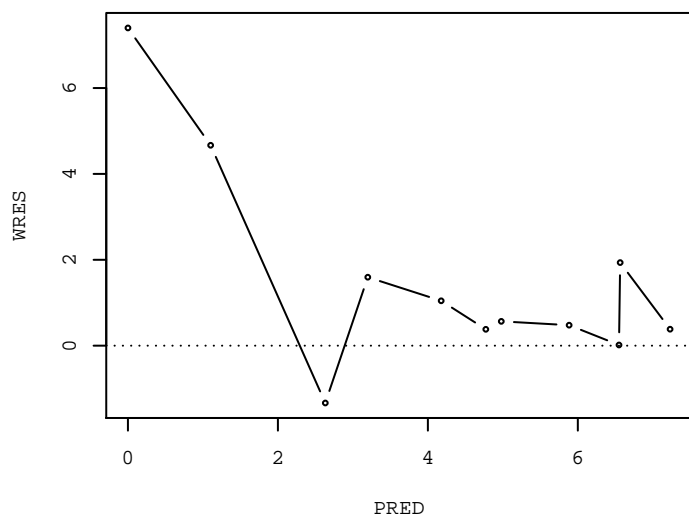
# Extreme CWRE values larger than 2

	ID	TIME	DV	PRED	IPRE	WRES	CWRE	IWRE
2	1	0.00	0.74	0.0000	0.0000	7.40000	7.4000	7.40000
12	1	24.37	3.28	1.1029	2.6299	4.66700	2.2907	1.56560
15	2	0.27	1.72	3.0657	4.0582	-3.43170	-2.7356	-3.71200
16	2	0.52	7.91	4.9342	6.0748	2.70740	2.6011	1.96010
39	4	0.35	1.89	3.7482	3.1347	-1.96220	-2.6556	-2.53660
51	5	0.30	2.02	4.4376	3.7658	-2.22260	-2.9193	-2.98070
53	5	1.00	11.40	9.2001	8.2392	1.96490	2.3316	2.49560
63	6	0.27	1.29	2.7870	1.7895	-1.21170	-2.1309	-1.71110
75	7	0.25	0.85	3.2410	1.3341	-0.85579	-2.6952	-2.12690
88	8	0.52	3.05	5.0800	4.6070	-1.70990	-2.0518	-2.18360
99	9	0.30	7.37	2.3475	6.4053	4.55860	2.2173	0.97774
110	10	0.00	0.24	0.0000	0.0000	2.40000	2.4000	2.40000
135	12	0.25	1.25	3.4701	2.2499	-1.66390	-3.1285	-2.78530

## Extreme IWRE values larger than 2

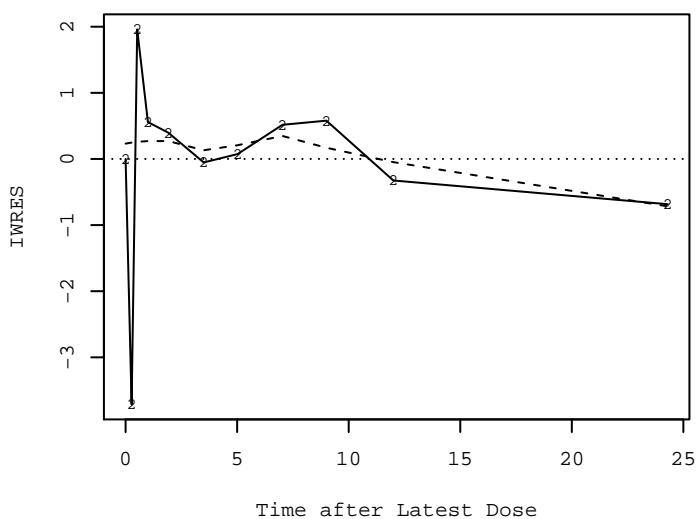
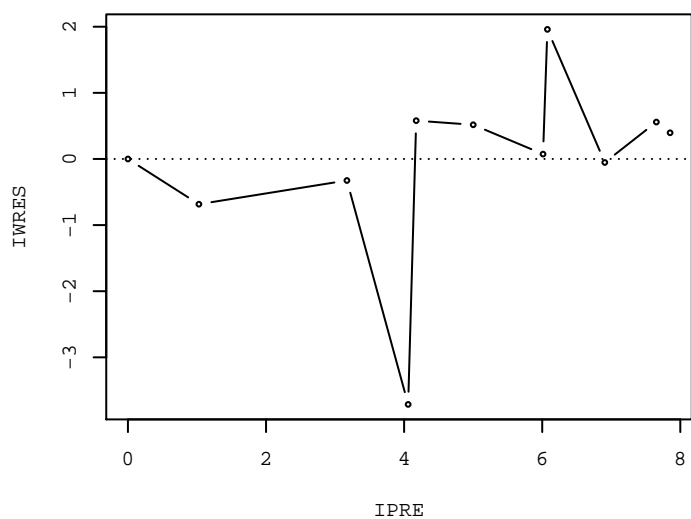
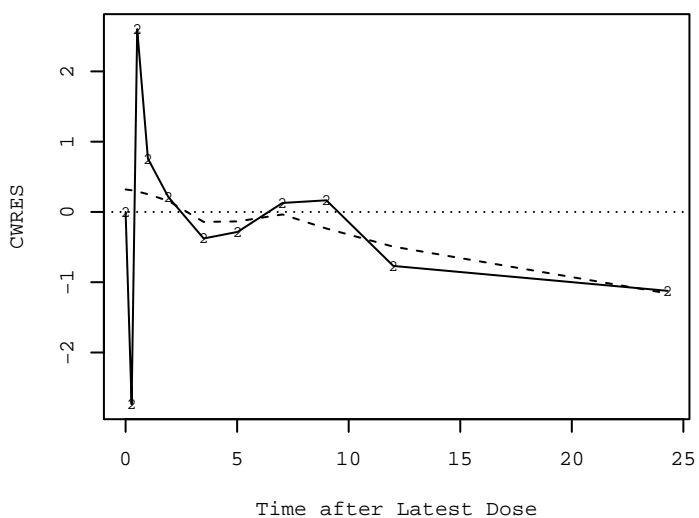
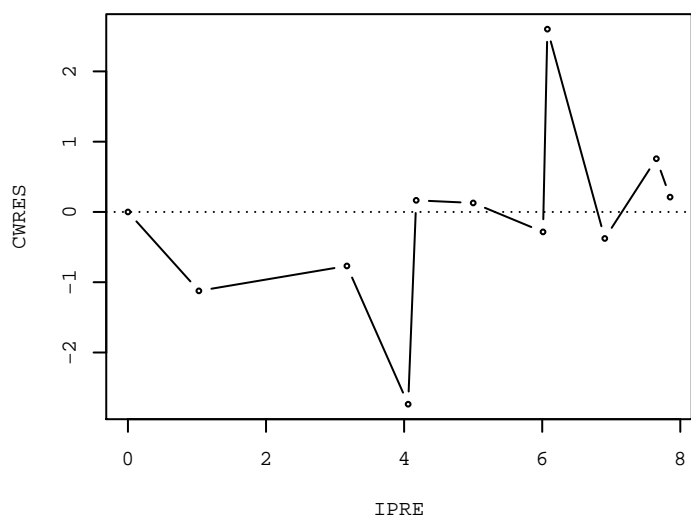
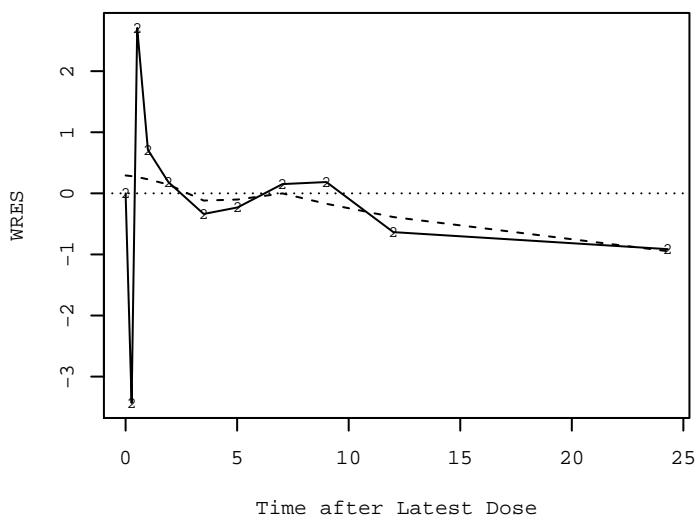
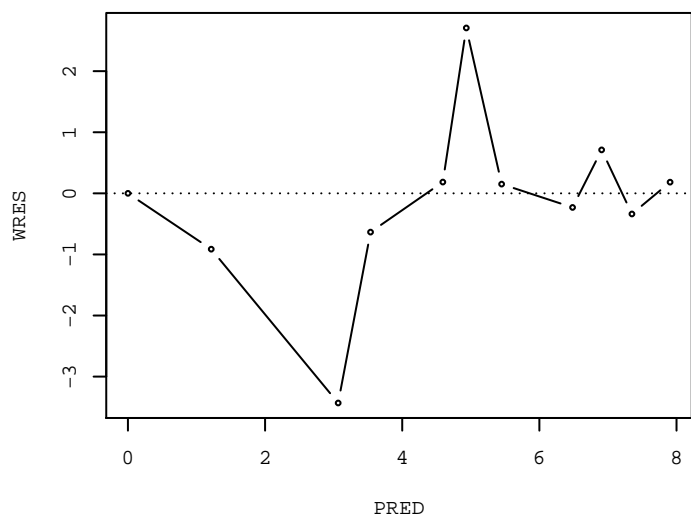
	ID	TIME	DV	PRED	IPRE	WRES	CWRE	IWRE
2	1	0.00	0.74	0.0000	0.0000	7.40000	7.4000	7.4000
15	2	0.27	1.72	3.0657	4.0582	-3.43170	-2.7356	-3.7120
39	4	0.35	1.89	3.7482	3.1347	-1.96220	-2.6556	-2.5366
41	4	1.07	8.60	7.0774	6.4618	1.64050	1.8907	2.1483
51	5	0.30	2.02	4.4376	3.7658	-2.22260	-2.9193	-2.9807
53	5	1.00	11.40	9.2001	8.2392	1.96490	2.3316	2.4956
75	7	0.25	0.85	3.2410	1.3341	-0.85579	-2.6952	-2.1269
88	8	0.52	3.05	5.0800	4.6070	-1.70990	-2.0518	-2.1836
110	10	0.00	0.24	0.0000	0.0000	2.40000	2.4000	2.4000
135	12	0.25	1.25	3.4701	2.2499	-1.66390	-3.1285	-2.7853

Individual Residual Curve, ID = 1  
 IOFV = 68.1334 , OFV per DV = 6.1939 , Run Test(CWRES) p = 0.818



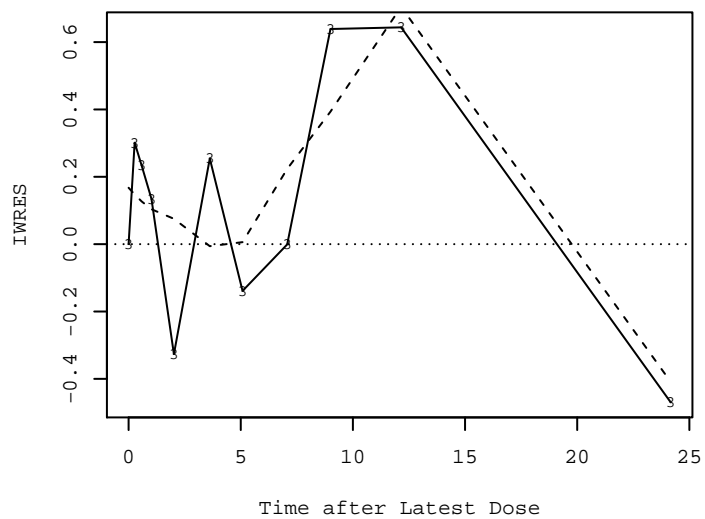
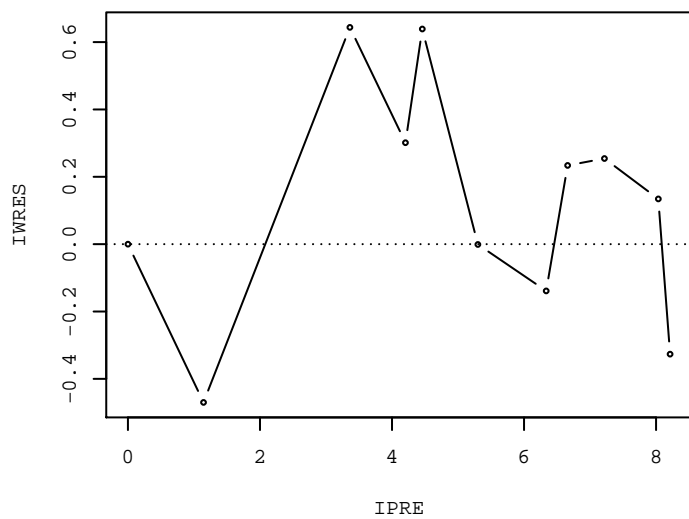
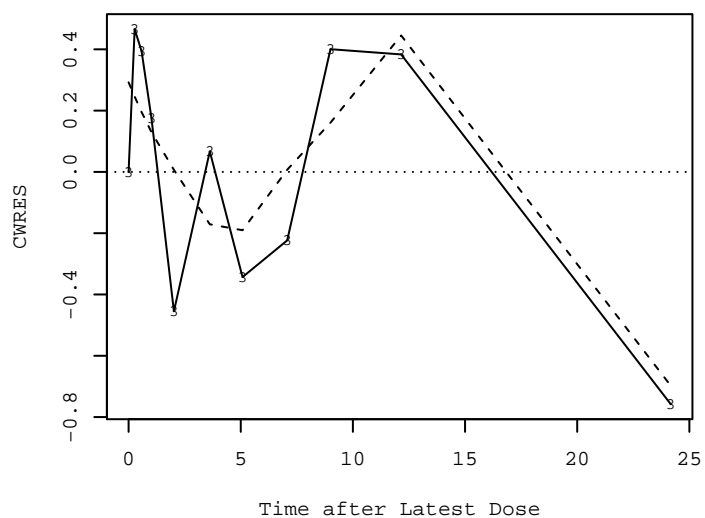
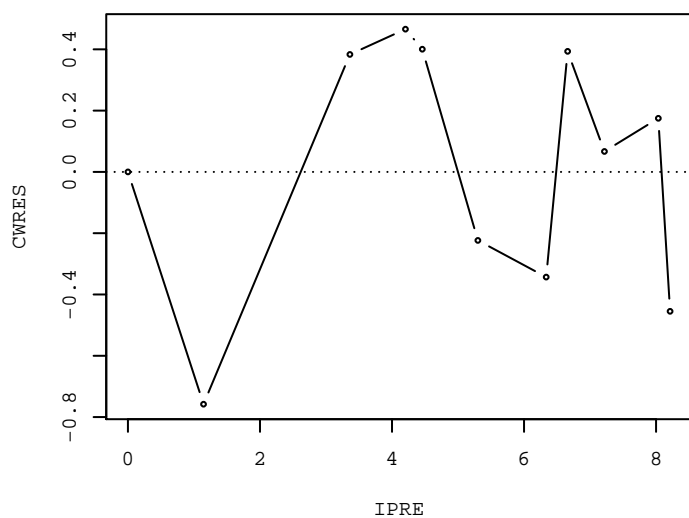
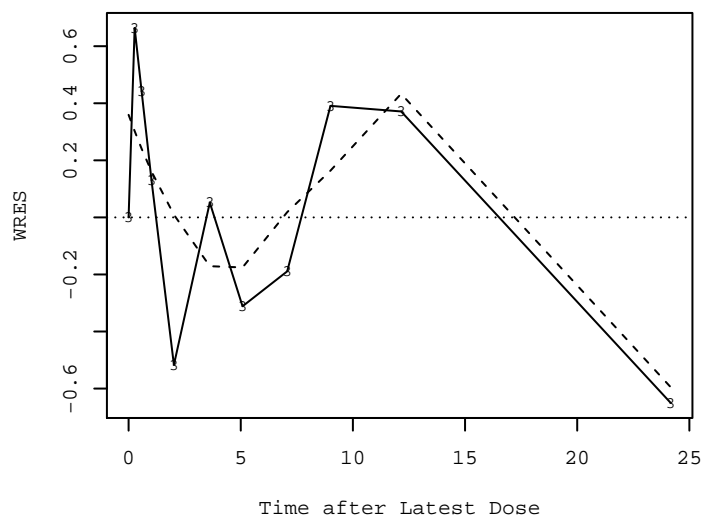
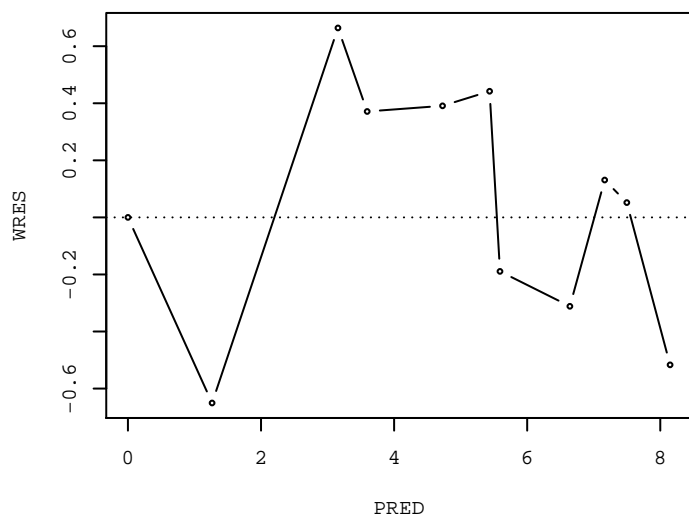
\*Fractional number means dosing occasion.

Individual Residual Curve, ID = 2  
 IOFV = 14.4607 , OFV per DV = 1.3146 , Run Test(CWRES) p = 0.357



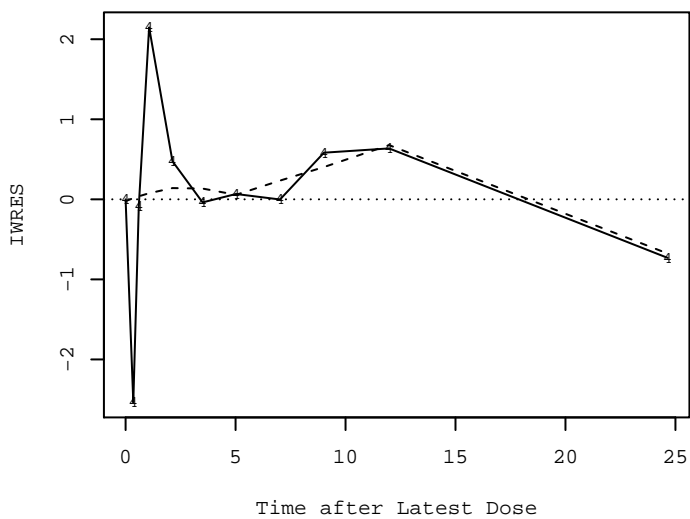
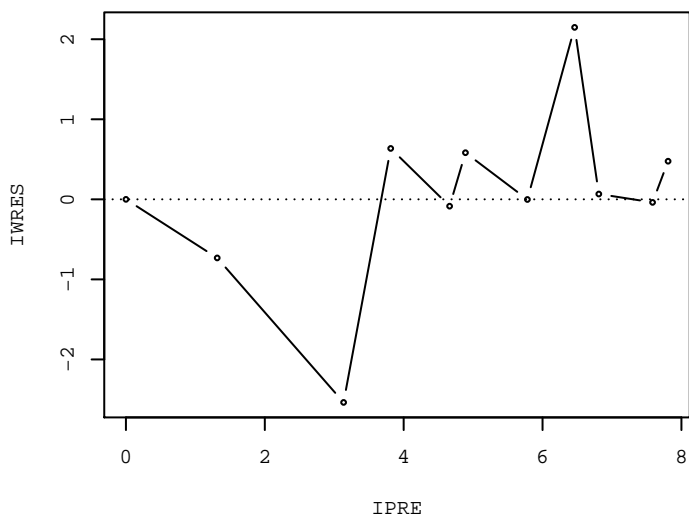
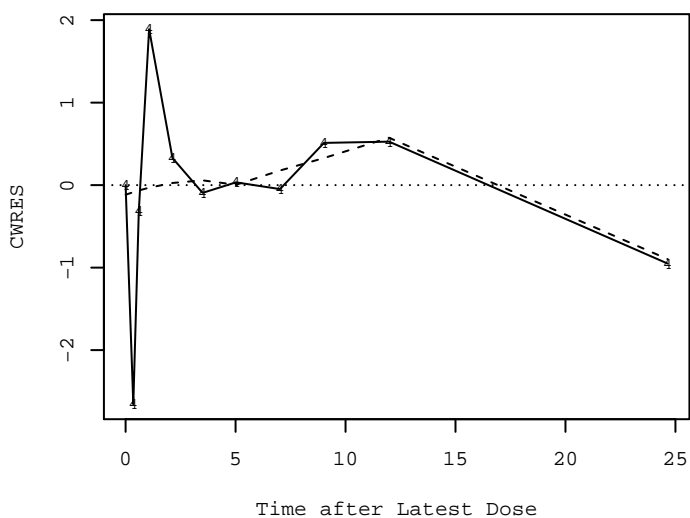
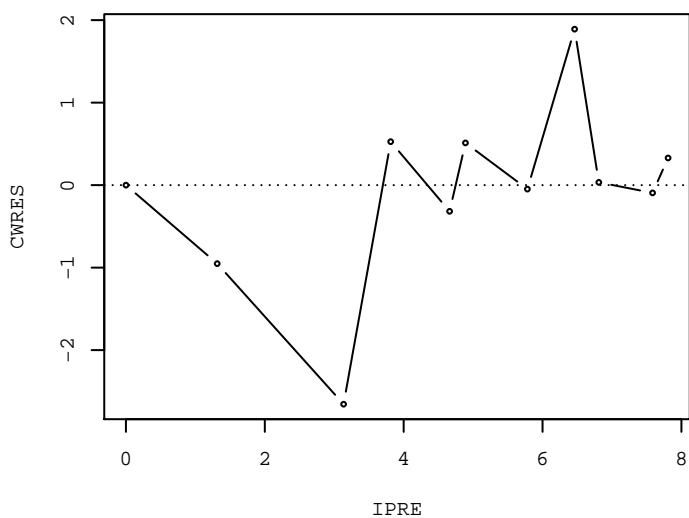
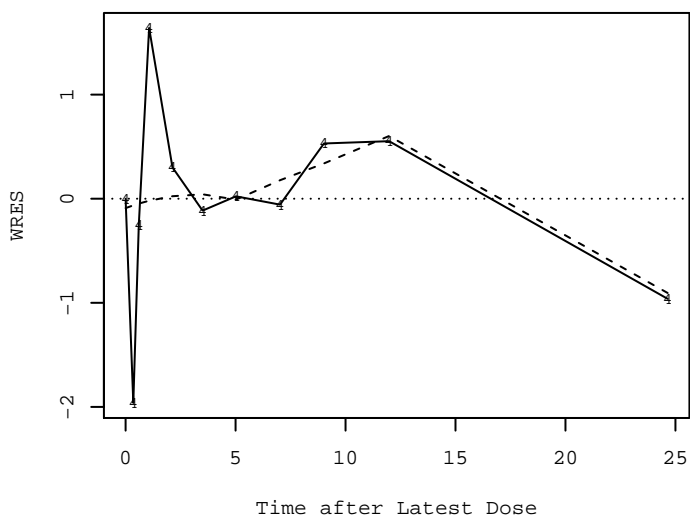
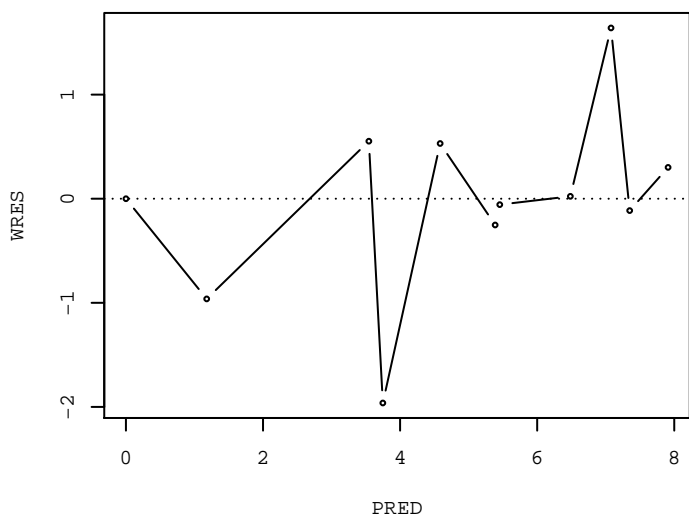
\*Fractional number means dosing occasion.

Individual Residual Curve, ID = 3  
 IOFV = -2.44382 , OFV per DV = -0.22217 , Run Test(CWRES) p = 0.595



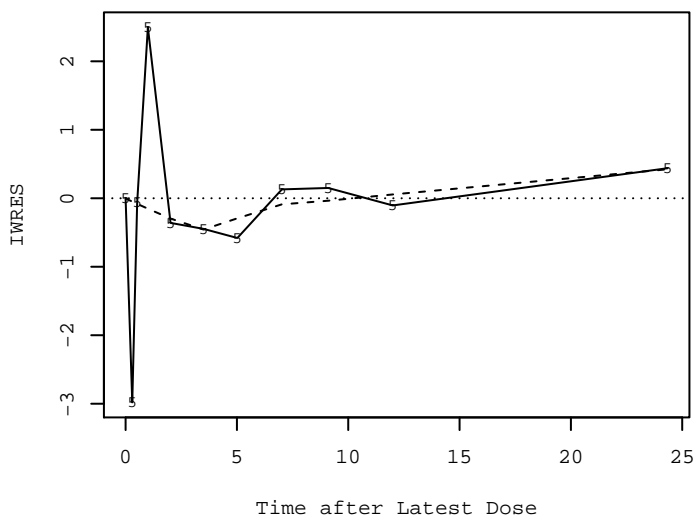
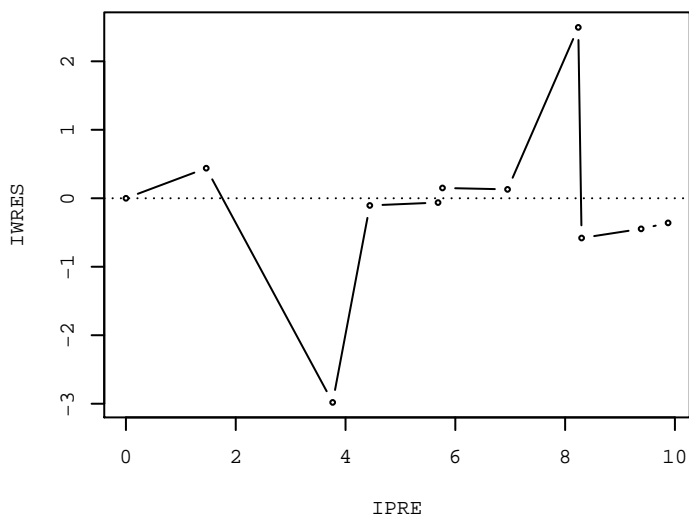
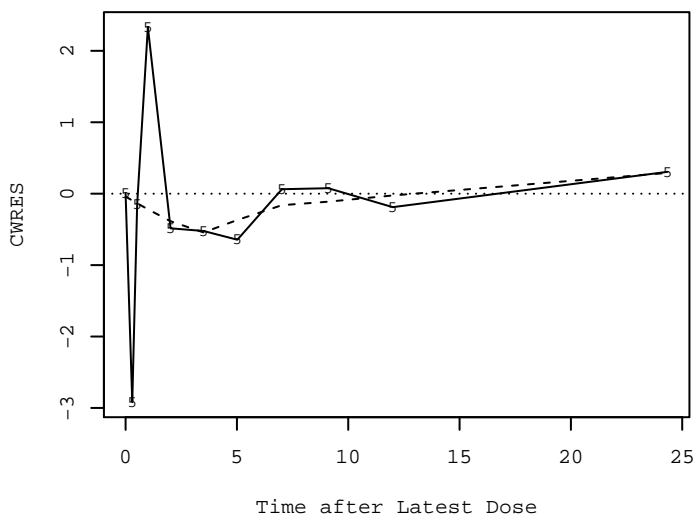
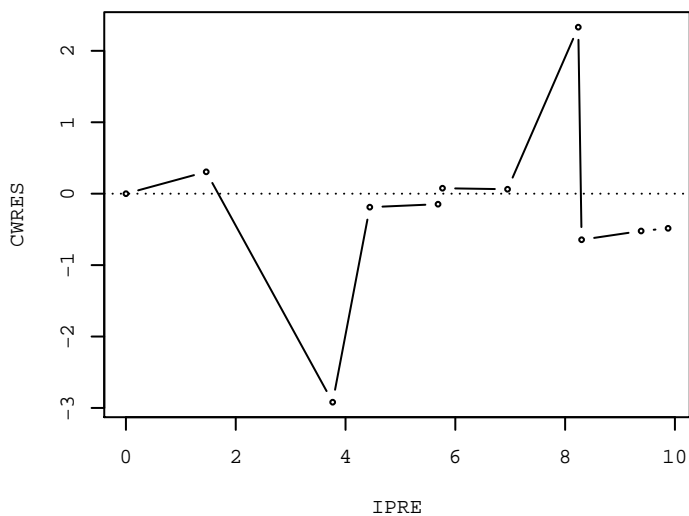
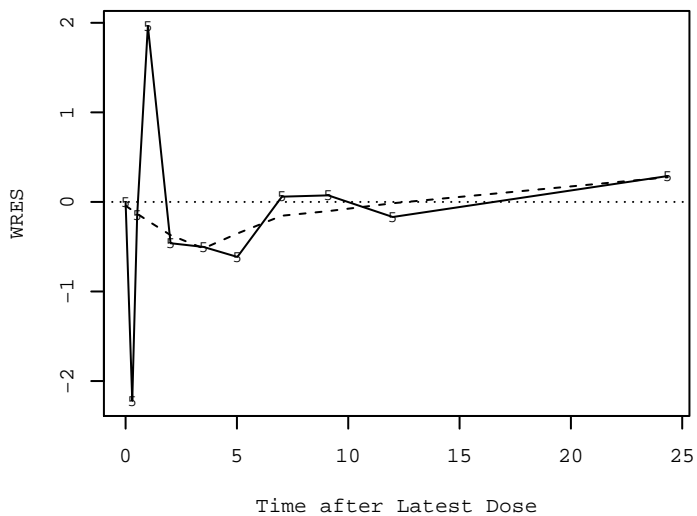
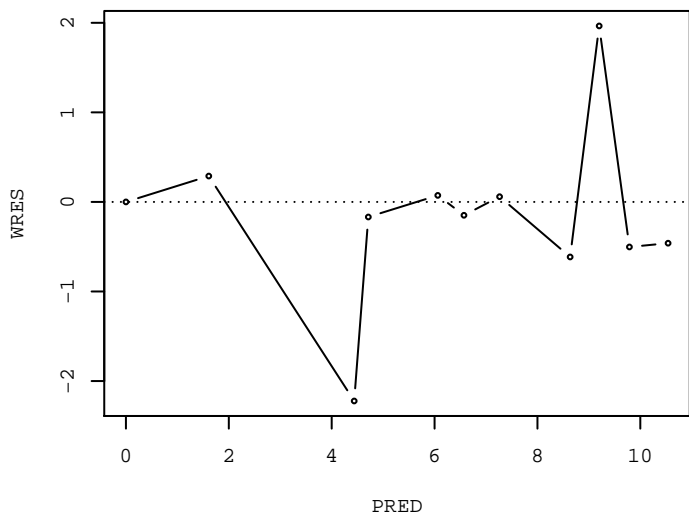
\*Fractional number means dosing occasion.

Individual Residual Curve, ID = 4  
 IOFV = 8.20068 , OFV per DV = 0.74552 , Run Test(CWRES) p = 0.357



\*Fractional number means dosing occasion.

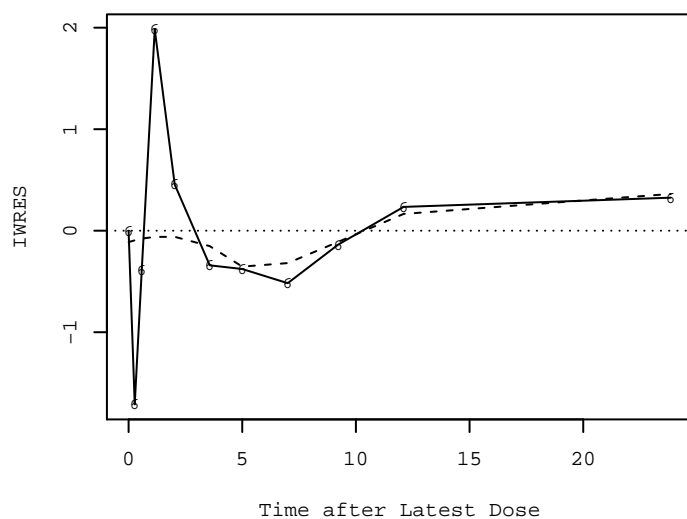
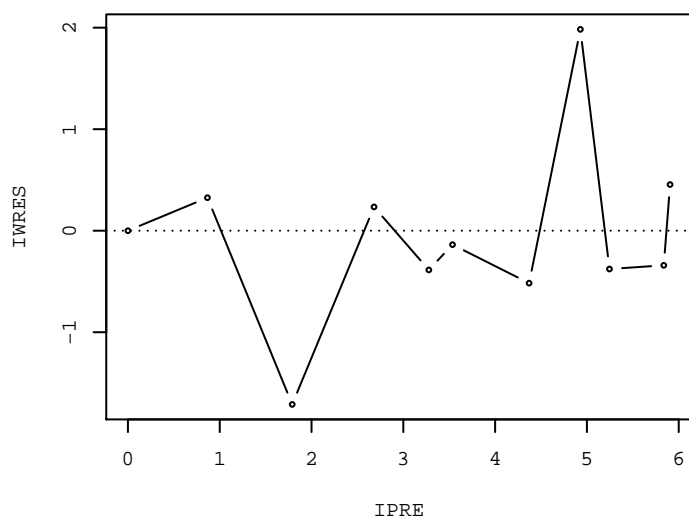
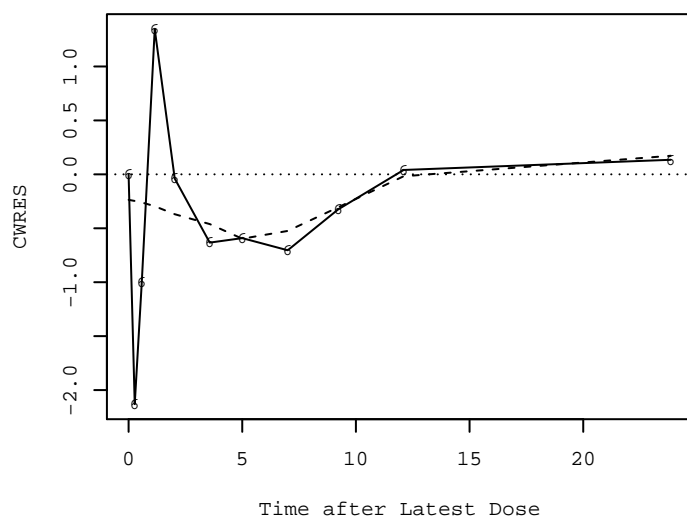
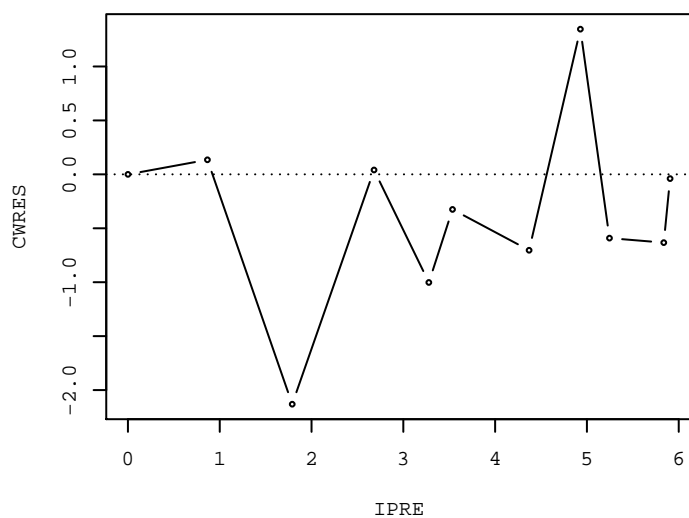
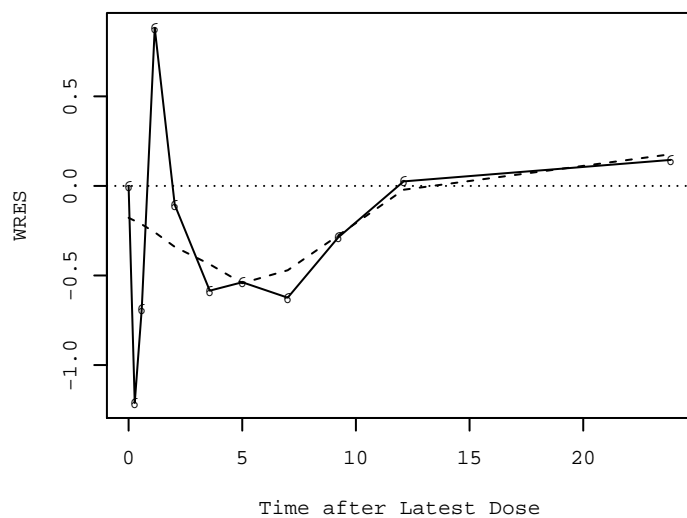
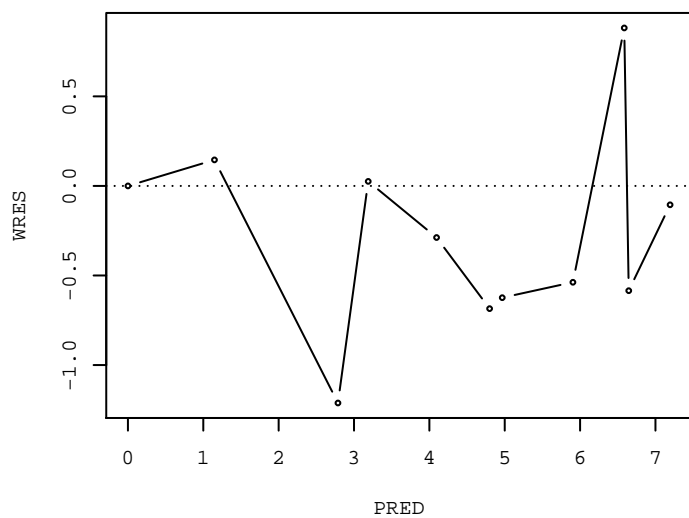
Individual Residual Curve, ID = 5  
 IOFV = 15.3335 , OFV per DV = 1.394 , Run Test(CWRES) p = 0.595



\*Fractional number means dosing occasion.

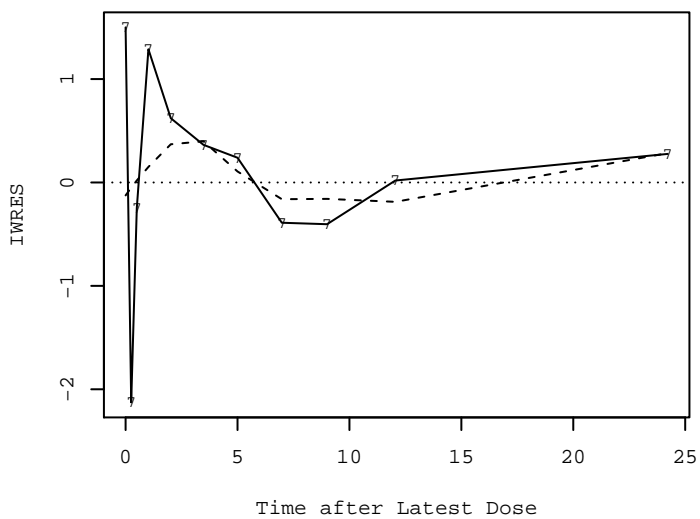
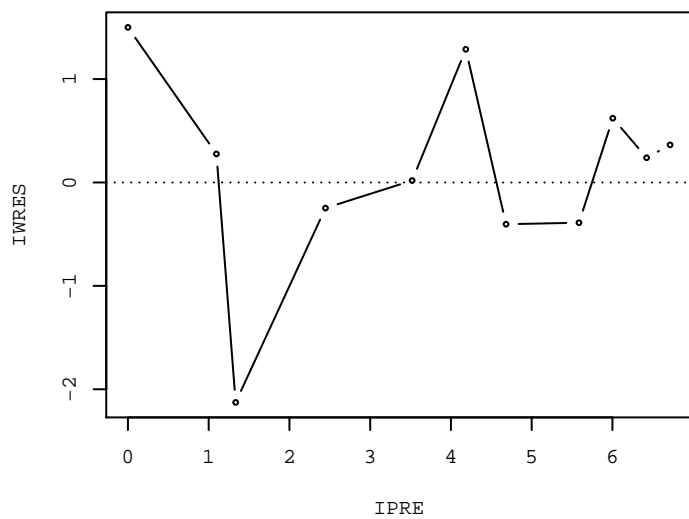
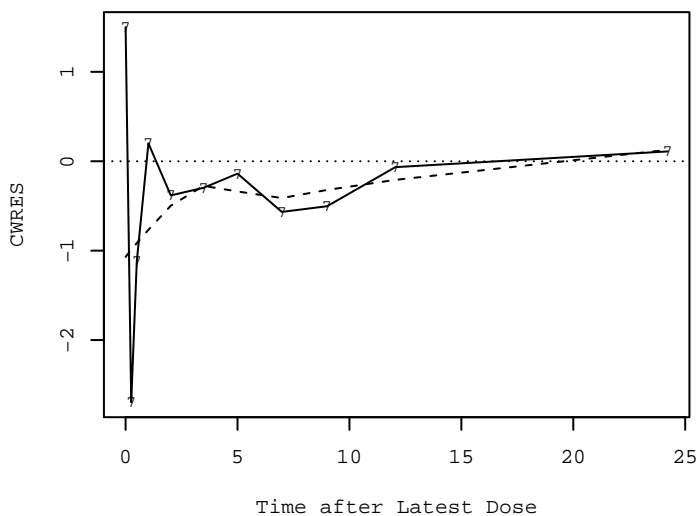
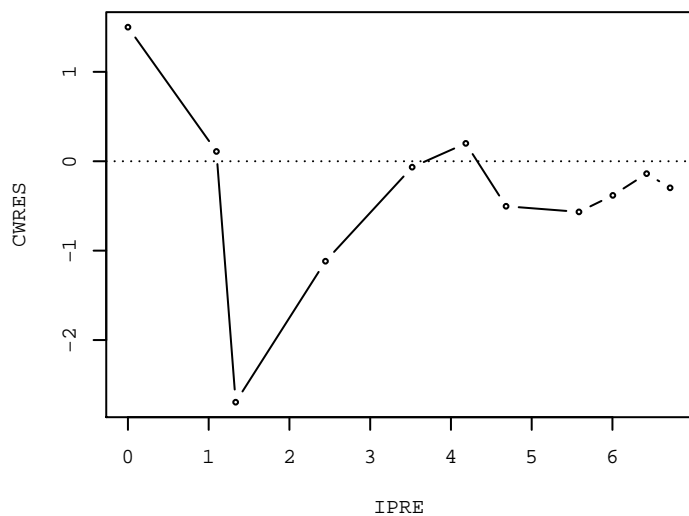
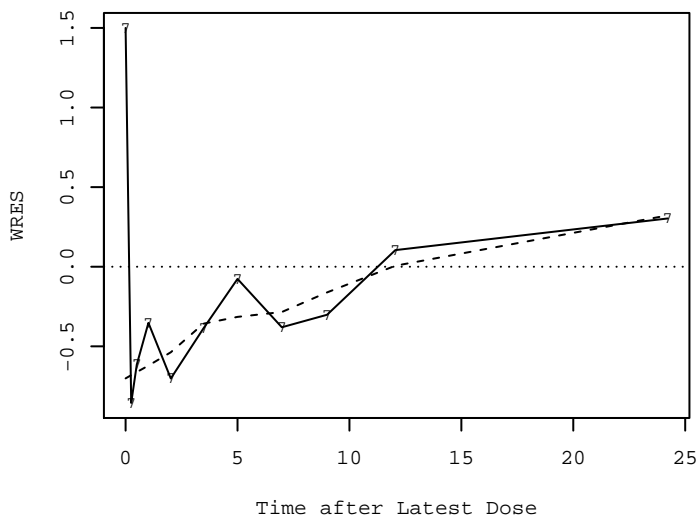
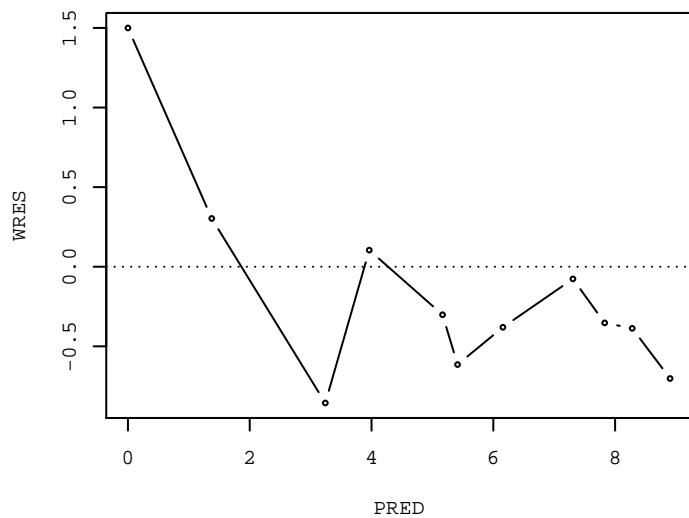


Individual Residual Curve, ID = 6  
 IOFV = -1.89679 , OFV per DV = -0.17244 , Run Test(CWRES) p = 0.283



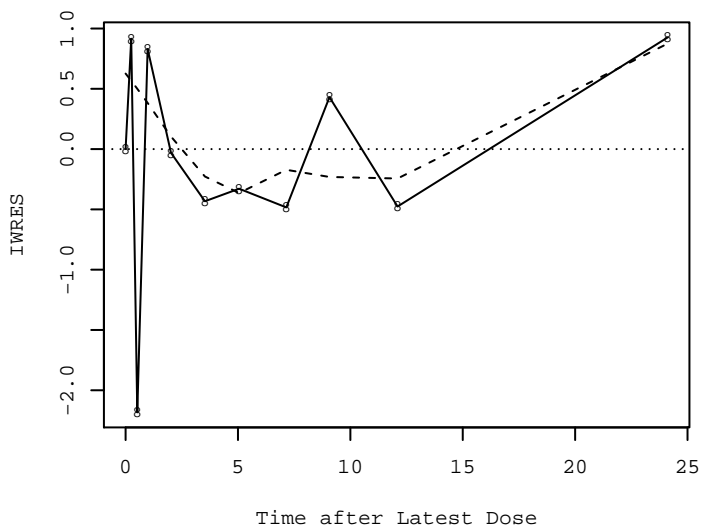
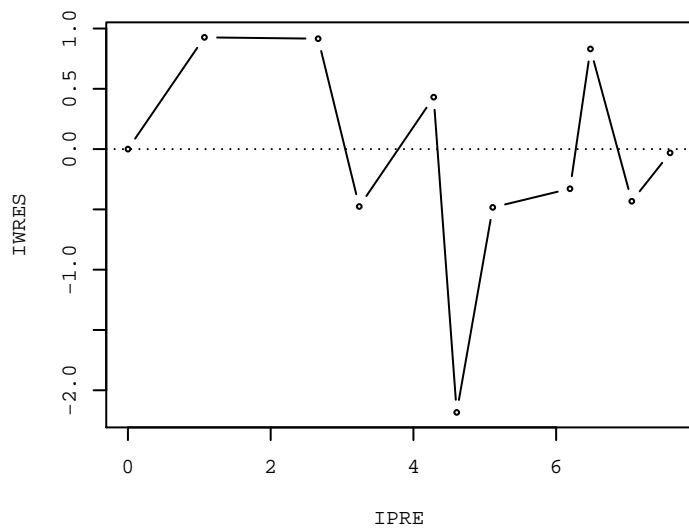
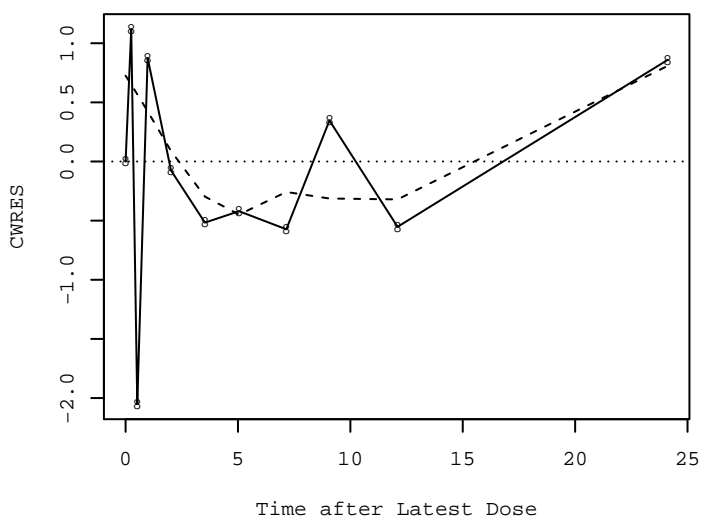
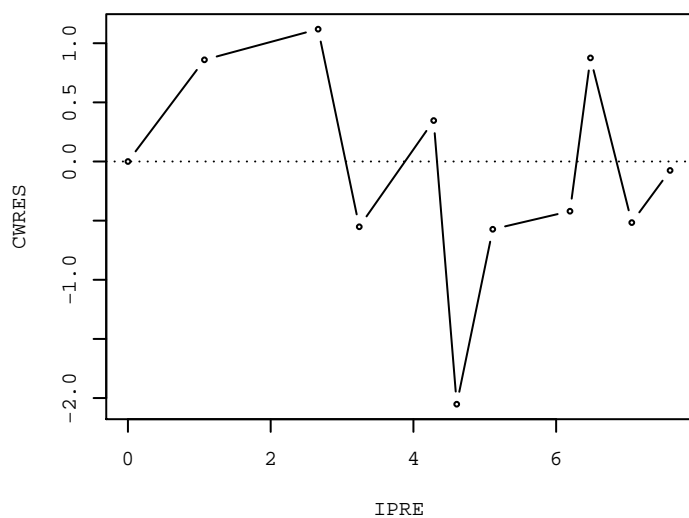
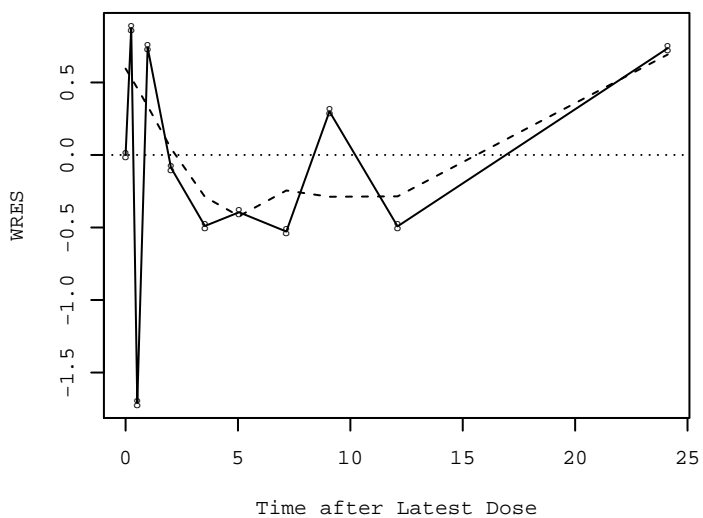
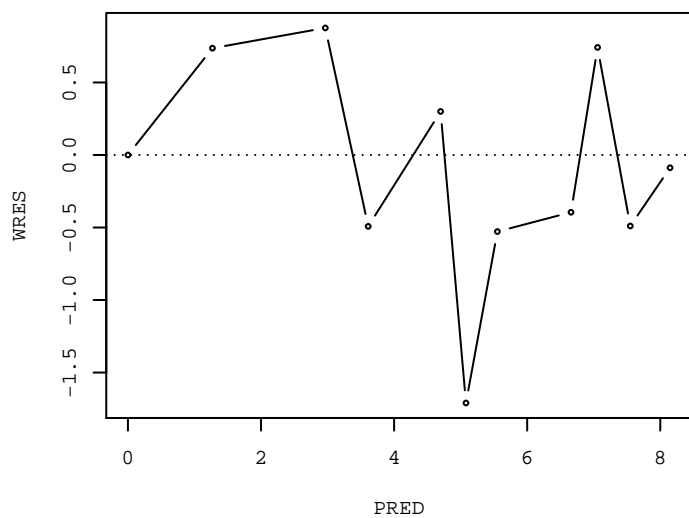
\*Fractional number means dosing occasion.

Individual Residual Curve, ID = 7  
 IOFV = 2.51587 , OFV per DV = 0.22872 , Run Test(CWRES) p = 0.764



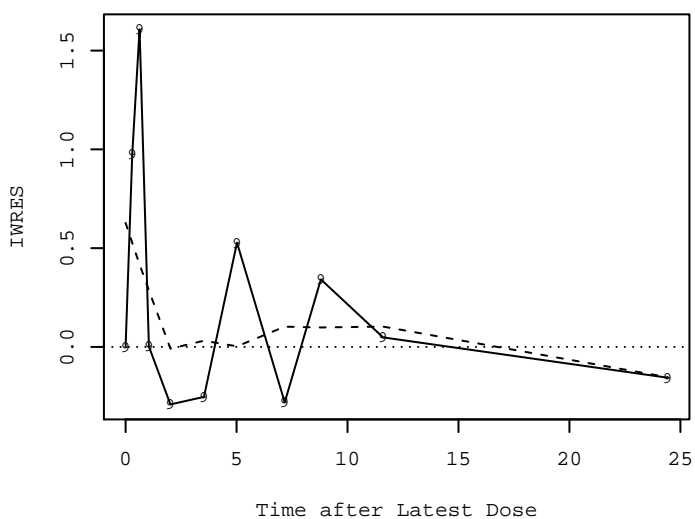
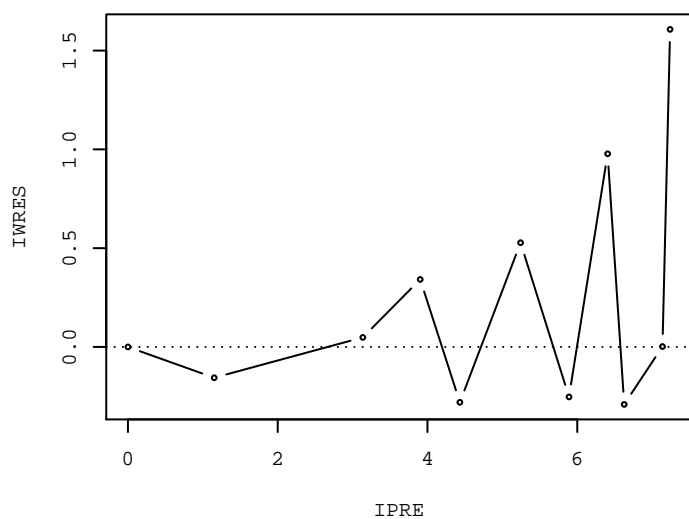
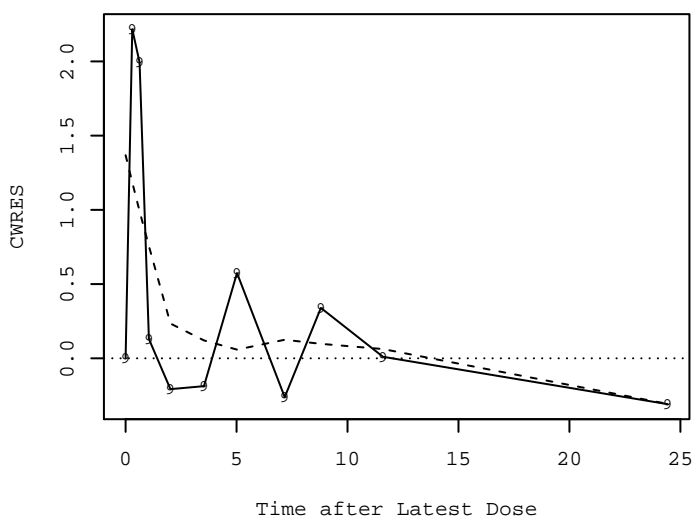
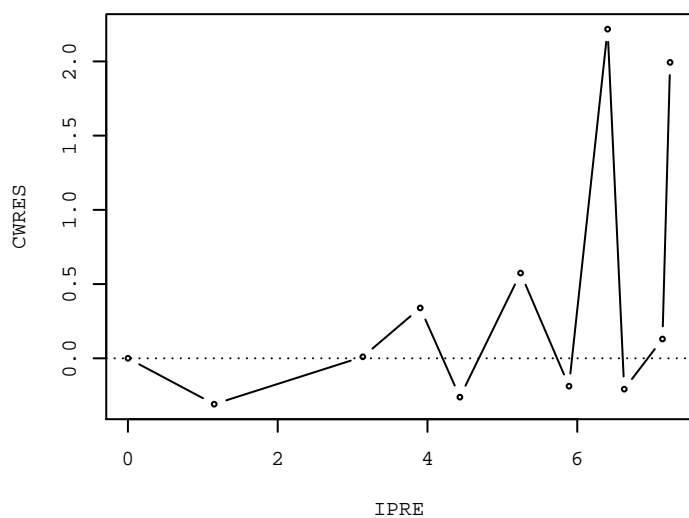
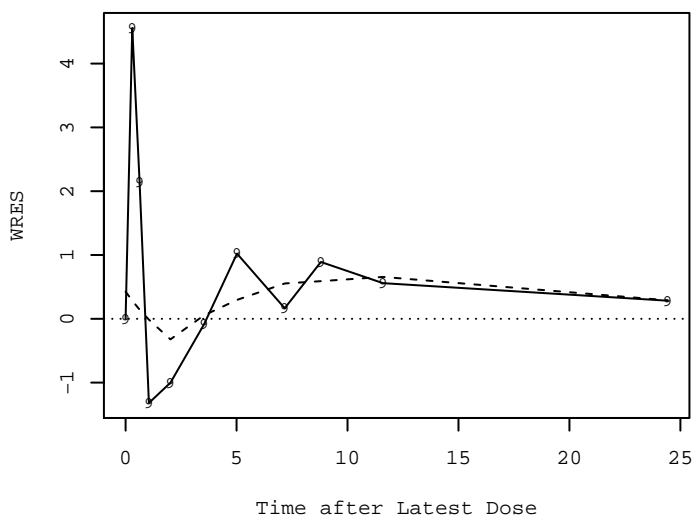
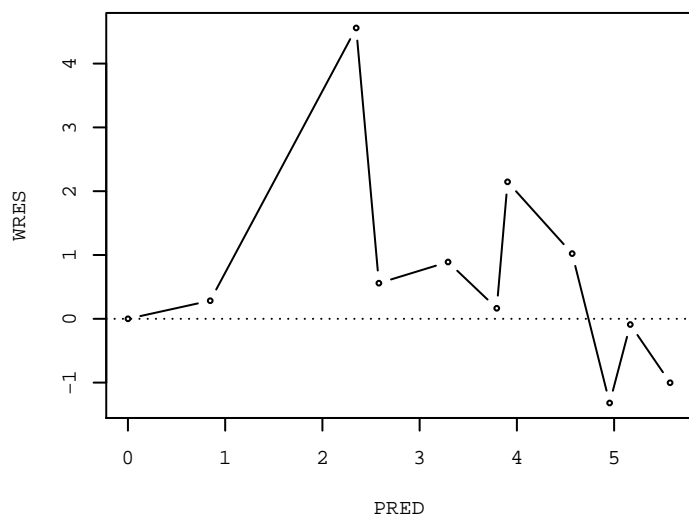
\*Fractional number means dosing occasion.

Individual Residual Curve, ID = 8  
 IOFV = 1.89377 , OFV per DV = 0.17216 , Run Test(CWRES) p = 0.31



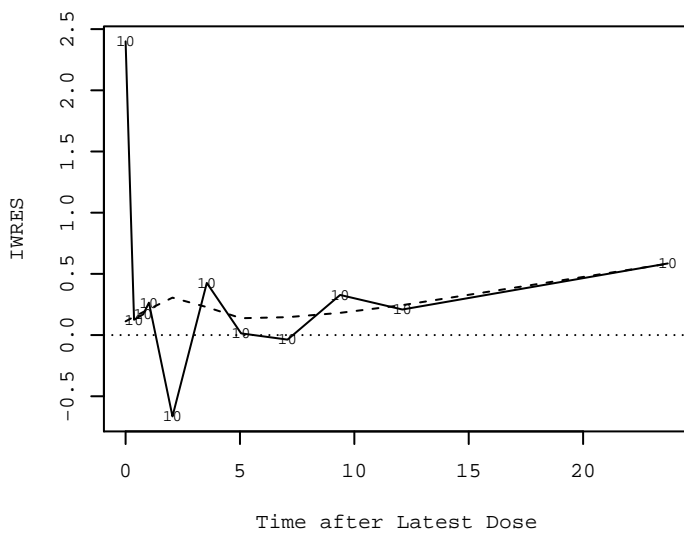
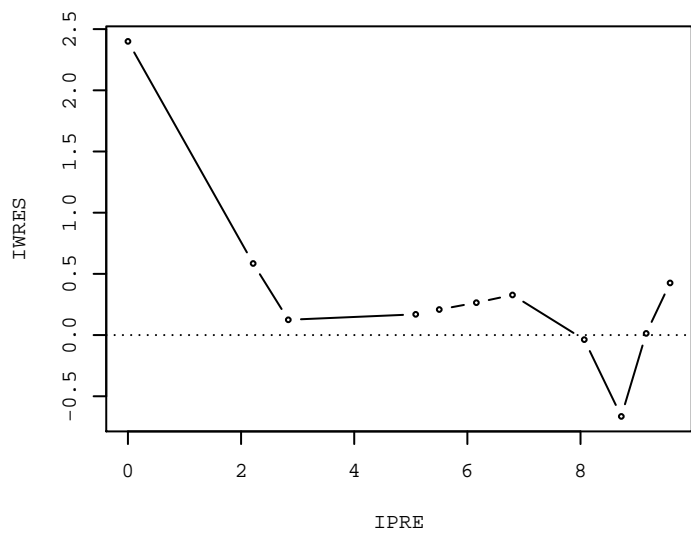
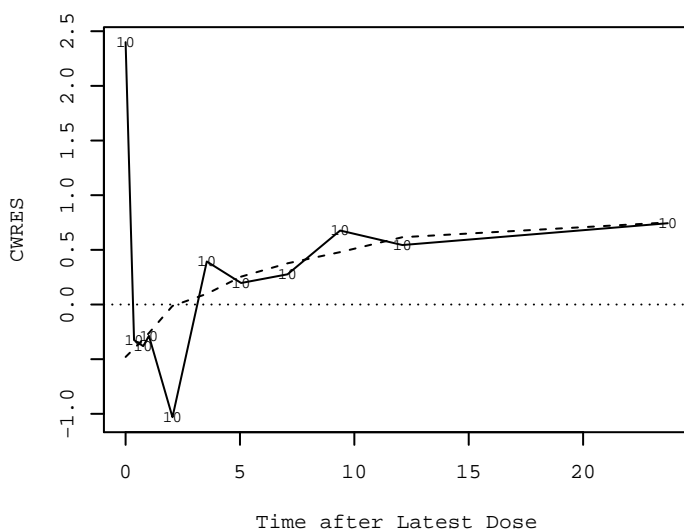
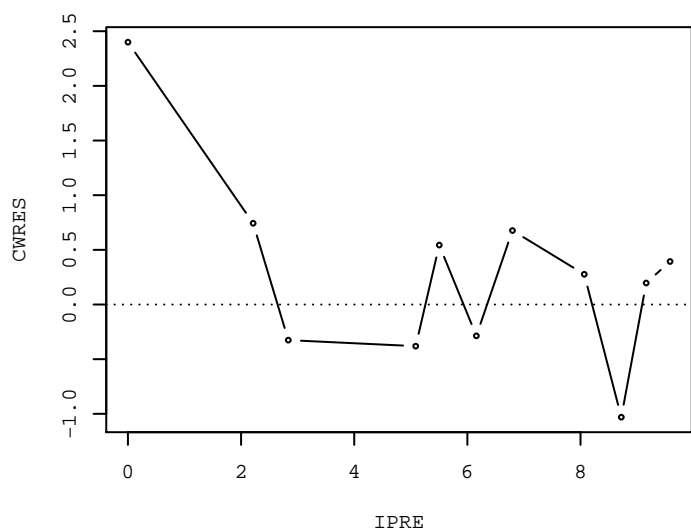
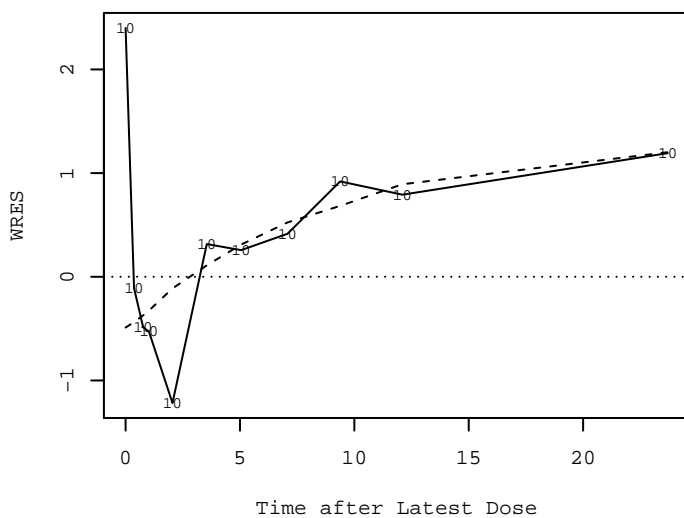
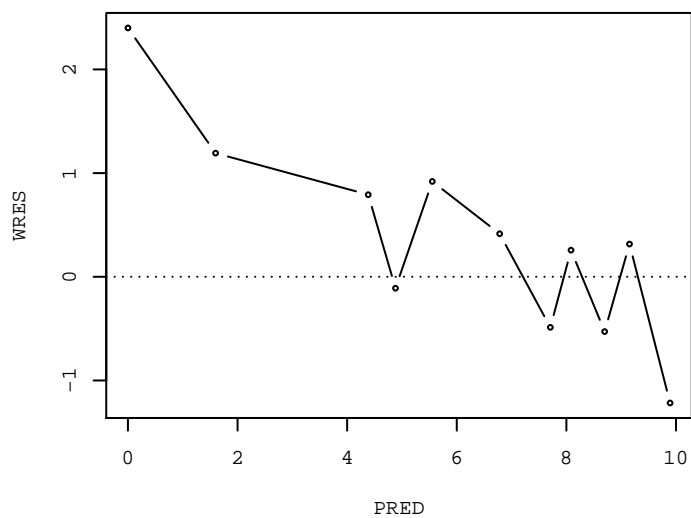
\*Fractional number means dosing occasion.

Individual Residual Curve, ID = 9  
 IOFV = 2.54607 , OFV per DV = 0.23146 , Run Test(CWRES) p = 0.595



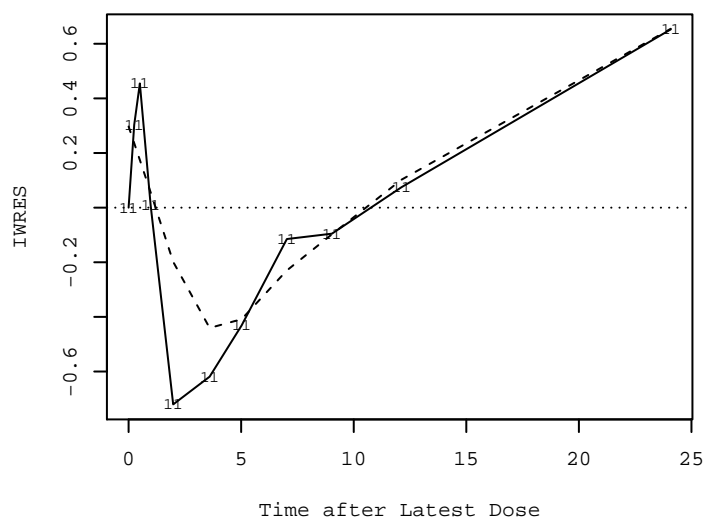
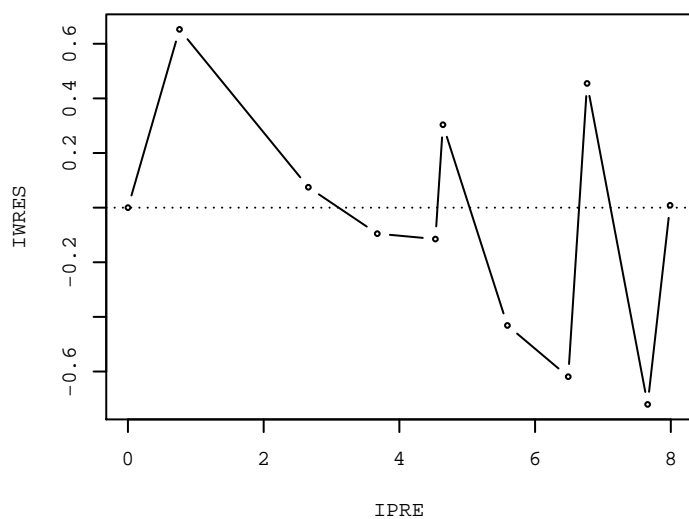
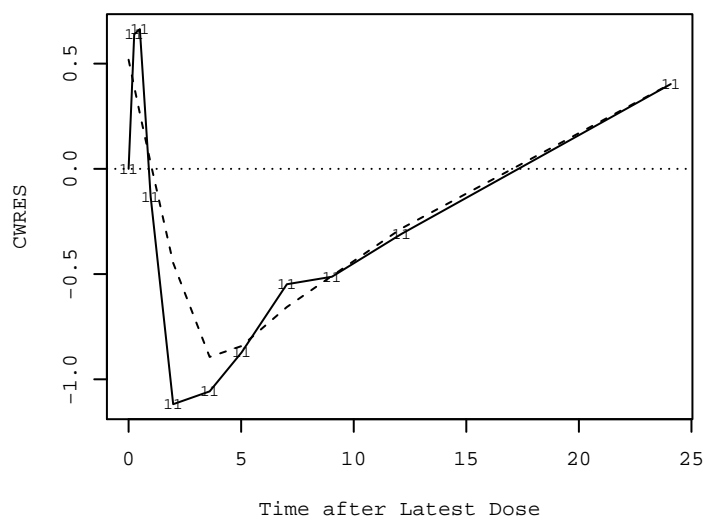
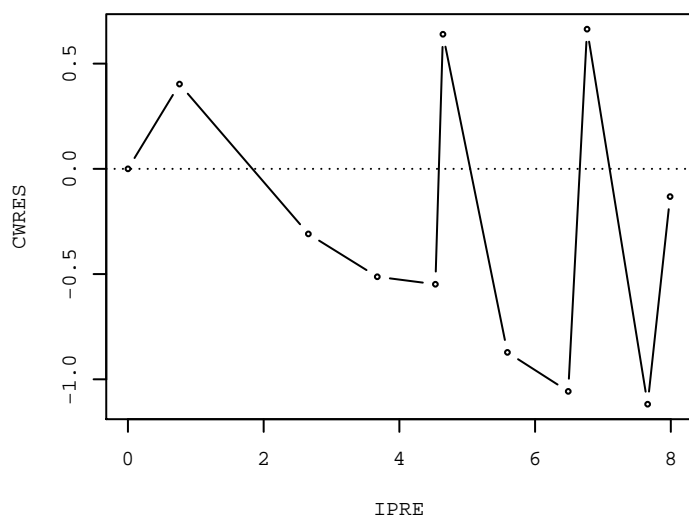
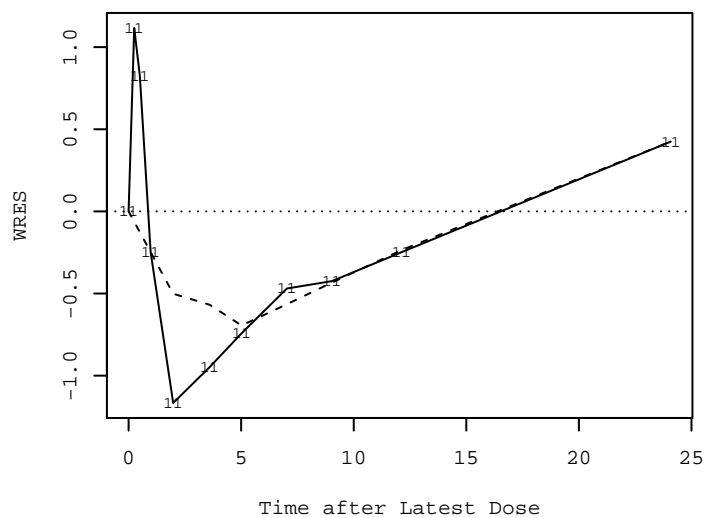
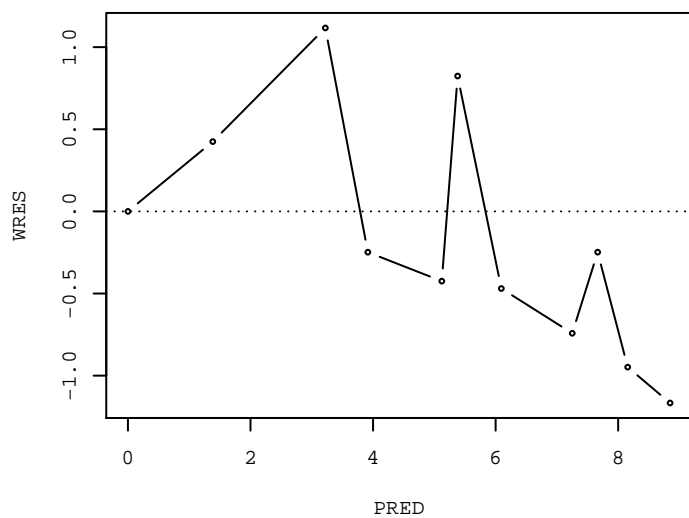
\*Fractional number means dosing occasion.

Individual Residual Curve, ID = 10  
 IOFV = 8.63323 , OFV per DV = 0.78484 , Run Test(CWRES) p = 0.0333



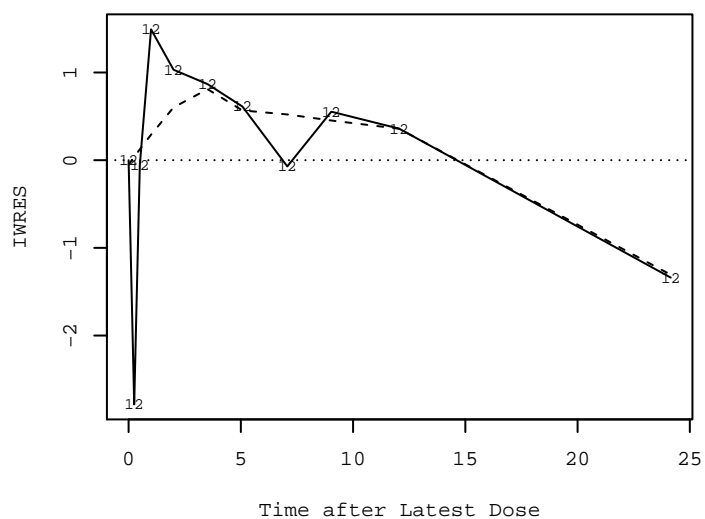
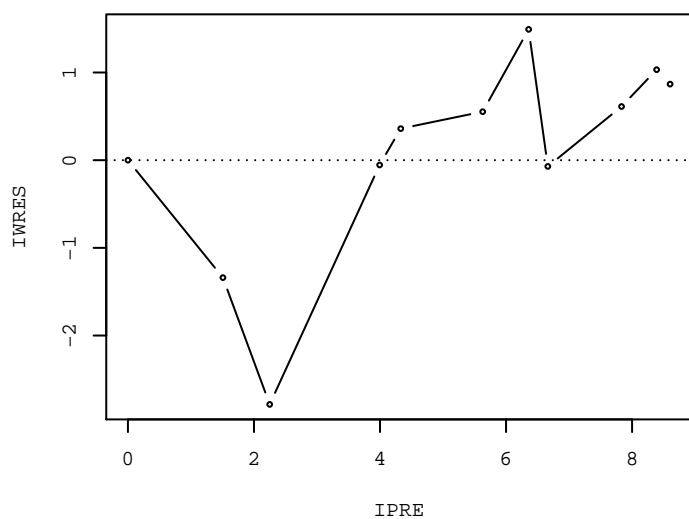
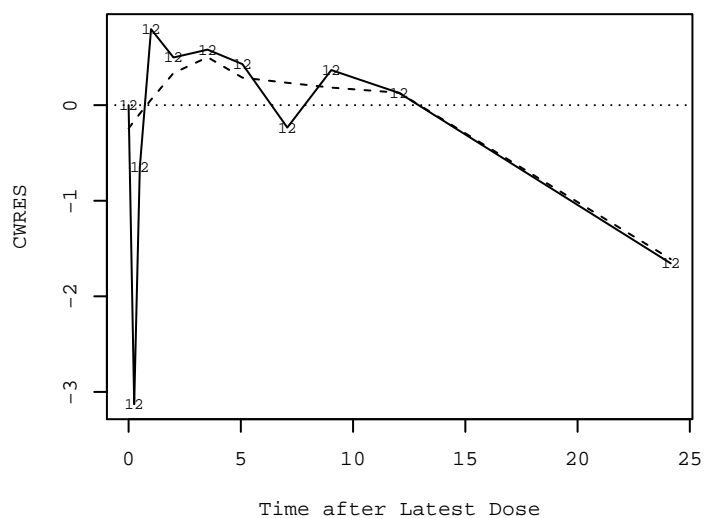
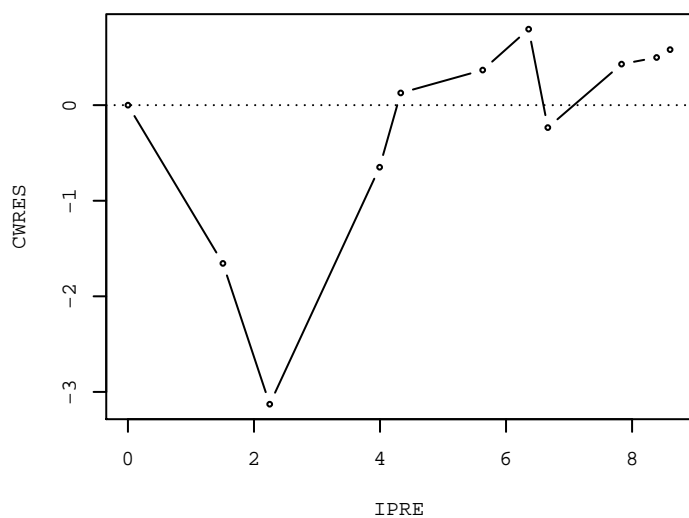
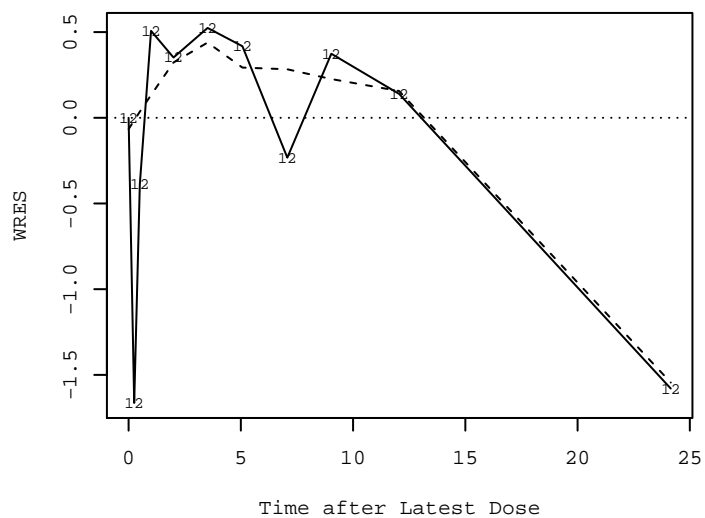
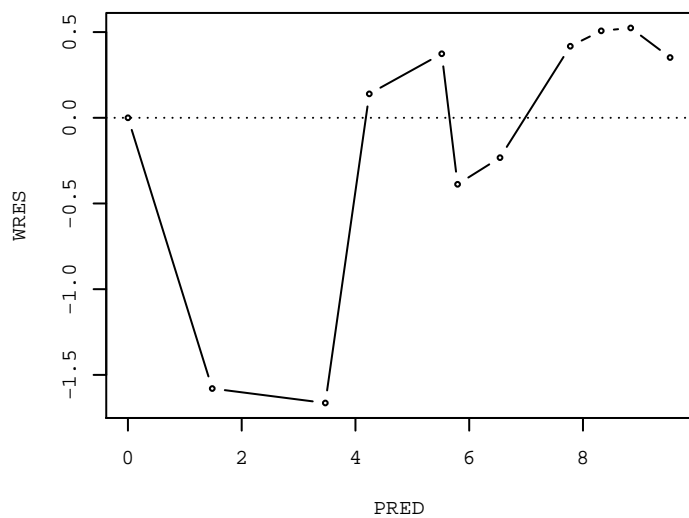
\*Fractional number means dosing occasion.

Individual Residual Curve, ID = 11  
 IOFV = -1.49454 , OFV per DV = -0.13587 , Run Test(CWRES) p = 0.0833



\*Fractional number means dosing occasion.

Individual Residual Curve, ID = 12  
 IOFV = 11.3805 , OFV per DV = 1.0346 , Run Test(CWRES) p = 0.405



\*Fractional number means dosing occasion.

Subjects with Bad Run Test Result on CWRES

ID	p.value
10.00000000	0.03333333