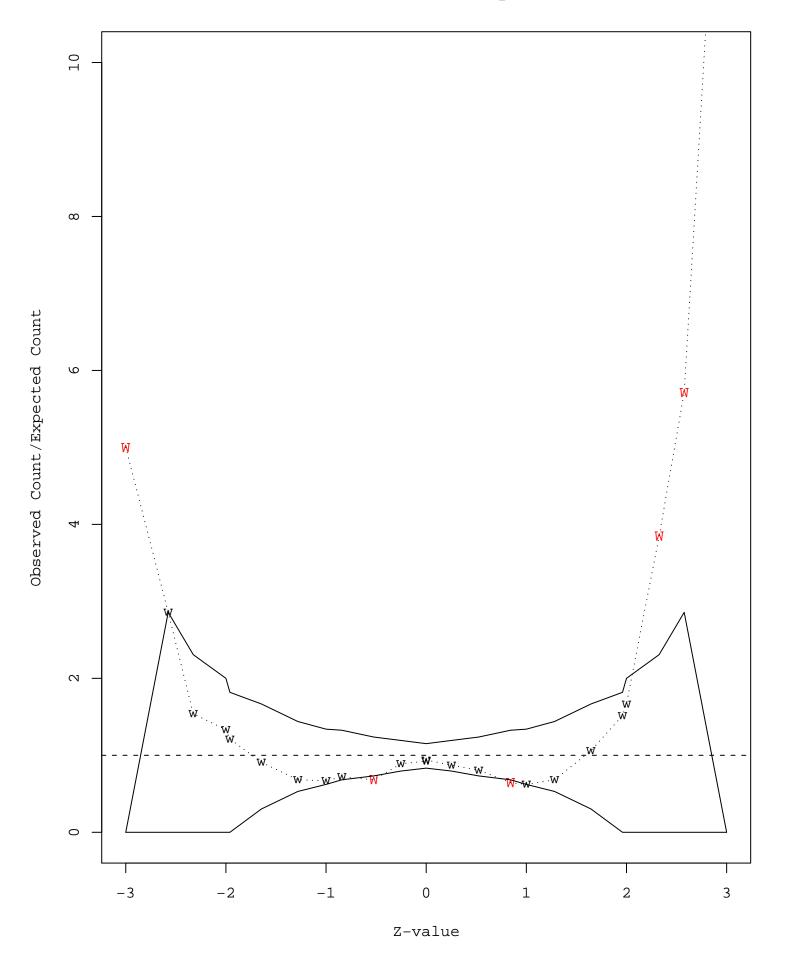
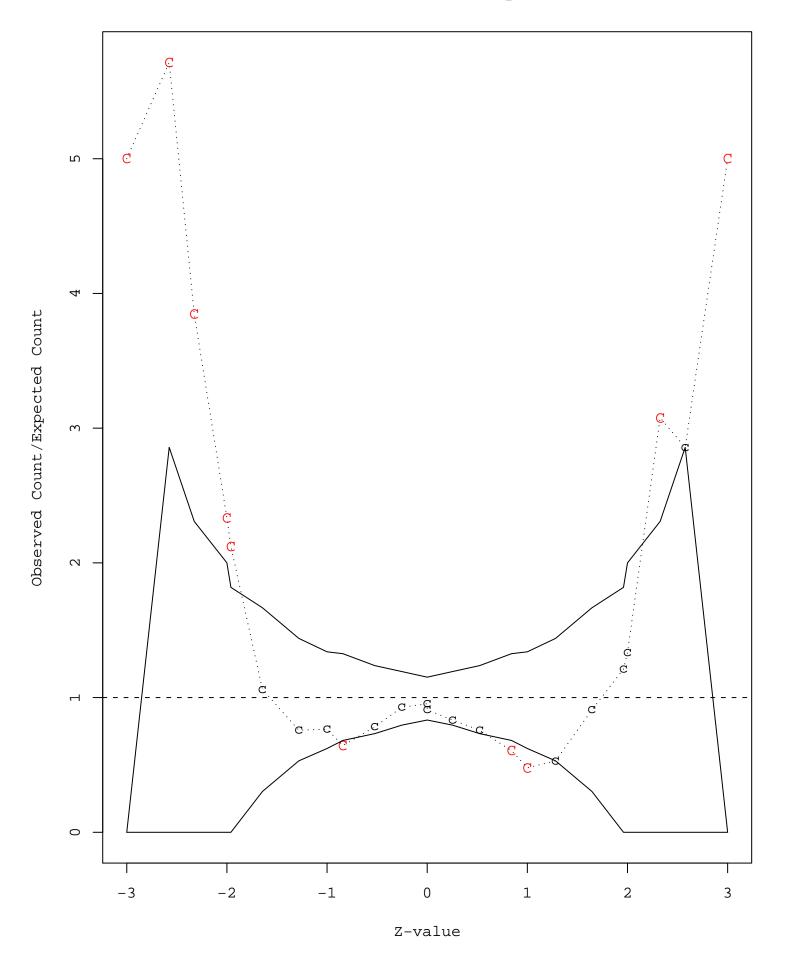


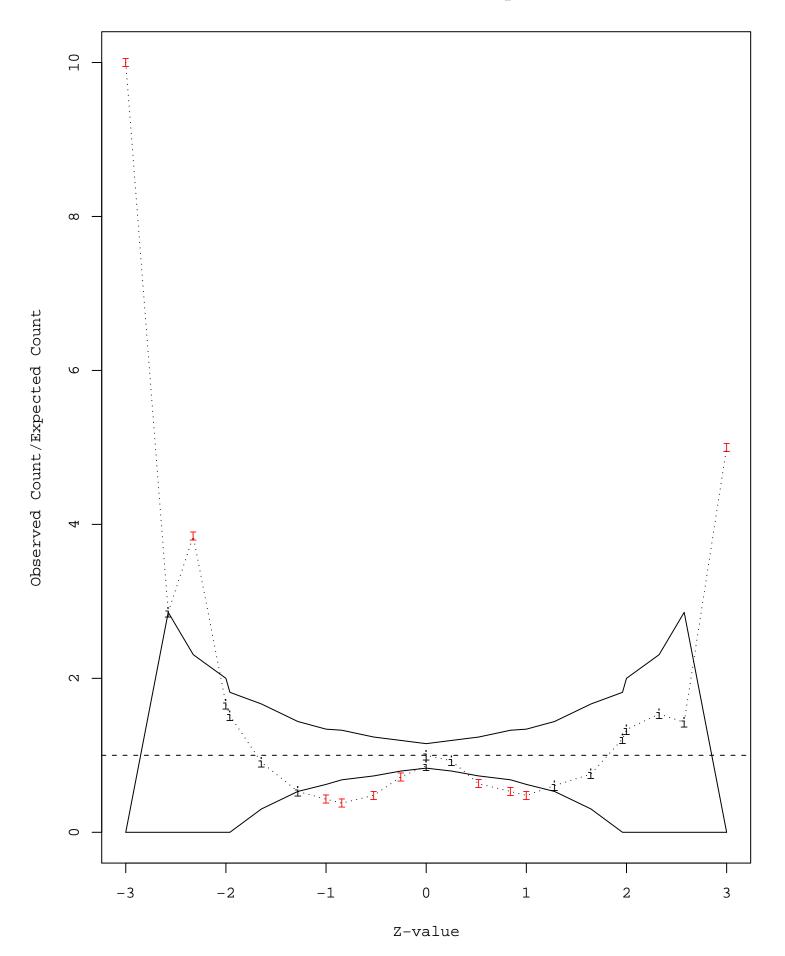
Test of residual counts using binomial distribution

	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		2		0.001
[2,]	-2.576	0.50	0.7	0	2		2	0.029		4		0.001		2		0.029
[3,]	-2.326	1.00	1.3	0	3		2	0.147		5		0.002		5		0.002
[4,]	-2.000	2.28	3.0	0	6		4	0.183		7		0.011		5		0.082
[5,]	-1.960	2.50	3.3	0	6		4	0.236		7		0.018		5		0.115
[6,]	-1.645	5.00	6.6	2	11		6	0.492		7		0.340		6		0.492
[7,]	-1.282	10.00	13.2	7	19		9	0.139		10		0.221		7		0.041
[8,]	-1.000	15.87	20.9	13	28		14	0.057		16		0.144		9		0.001
[9,]	-0.842	20.00	26.4	18	35		19	0.063		17		0.022		10		0.000
[10,]	-0.524	30.00	39.6	29	49		27	0.009		31		0.060		19		0.000
[11,]	-0.253	40.00	52.8	42	63		47	0.173		49		0.280		38		0.005
[12,]	0.000	50.00	66.0	55	76		61	0.217		63		0.332		57		0.069
[13,]	0.000	50.00	66.0	55	76		62	0.271		60		0.169		66		0.465
[14,]	0.253	40.00	52.8	42	63		46	0.131		44		0.069		49		0.280
[15,]	0.524	30.00	39.6	29	49		32	0.087		30		0.039		25		0.003
[16,]	0.842	20.00	26.4	18	35		17	0.022		16		0.012		14		0.003
[17,]	1.000	15.87	20.9	13	28		13	0.033		10		0.004		10		0.004
[18,]	1.282	10.00	13.2	7	19		9	0.139		7		0.041		8		0.080
[19,]	1.645	5.00	6.6	2	11		7	0.340		6		0.492		5		0.349
[20,]	1.960	2.50	3.3	0	6		5	0.115		4		0.236		4		0.236
[21,]	2.000	2.28	3.0	0	6		5	0.082		4		0.183		4		0.183
[22,]	2.326	1.00	1.3	0	3		5	0.002		4		0.011		2		0.147
[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







#### Extreme WRES values larger than 3

 ID
 TIME
 DV
 PRED
 IPRE
 WRES
 CWRE
 IWRE

 12
 1
 24.37
 3.28
 1.2485
 2.5167
 3.3787
 2.386942
 1.74750

 15
 2
 0.27
 1.72
 3.2270
 3.9403
 -3.6064
 -3.054944
 -3.76710

 53
 5
 1.00
 11.40
 7.2409
 8.0076
 3.5652
 3.330559
 3.12910

 99
 9
 0.30
 7.37
 3.5066
 6.6392
 3.0928
 1.665080
 0.80034

# Extreme WRES values larger than 2

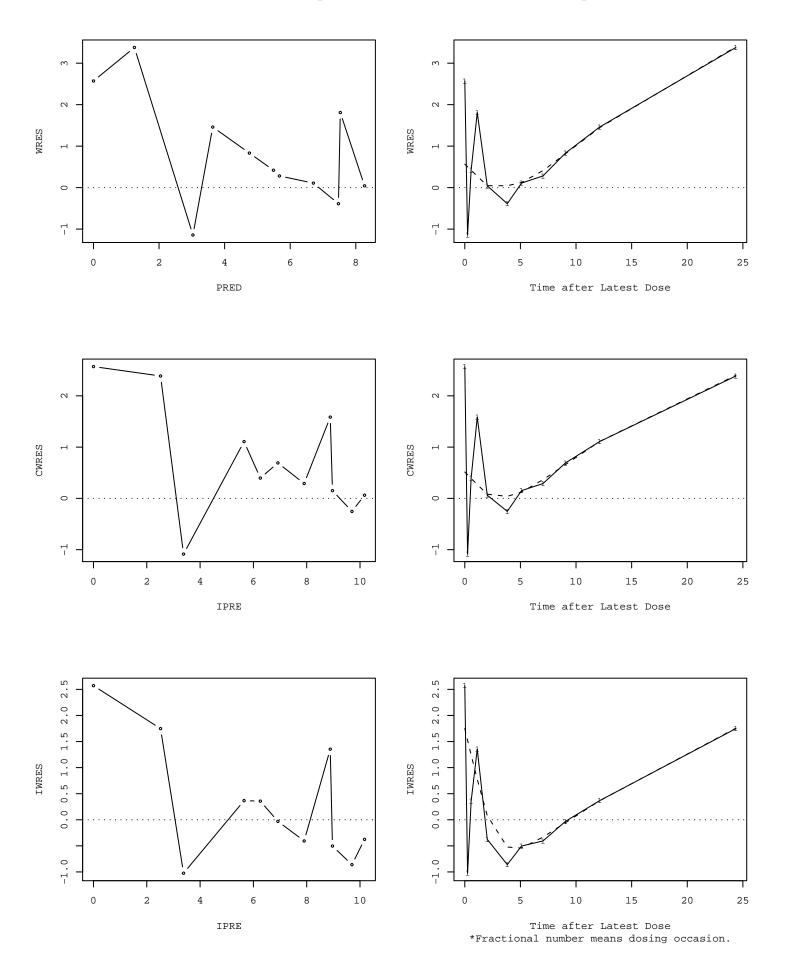
	ID	TIME	DV	PRED	IPRE	WRES	CWRE	IWRE
2	1	0.00	0.74	0.0000	0.0000	2.5709	2.570873	2.57090
12	1	24.37	3.28	1.2485	2.5167	3.3787	2.386942	1.74750
15	2	0.27	1.72	3.2270	3.9403	-3.6064	-3.054944	-3.76710
16	2	0.52	7.91	5.1854	5.9789	2.8579	2.819601	2.32160
39	4	0.35	1.89	3.9433	3.1280	-2.0454	-2.706425	-2.47830
51	5	0.30	2.02	3.5066	3.8217	-2.9059	-2.842478	-3.12830
53	5	1.00	11.40	7.2409	8.0076	3.5652	3.330559	3.12910
88	8	0.52	3.05	5.1854	4.6057	-2.0522	-2.330698	-2.33400
99	9	0.30	7.37	3.5066	6.6392	3.0928	1.665080	0.80034

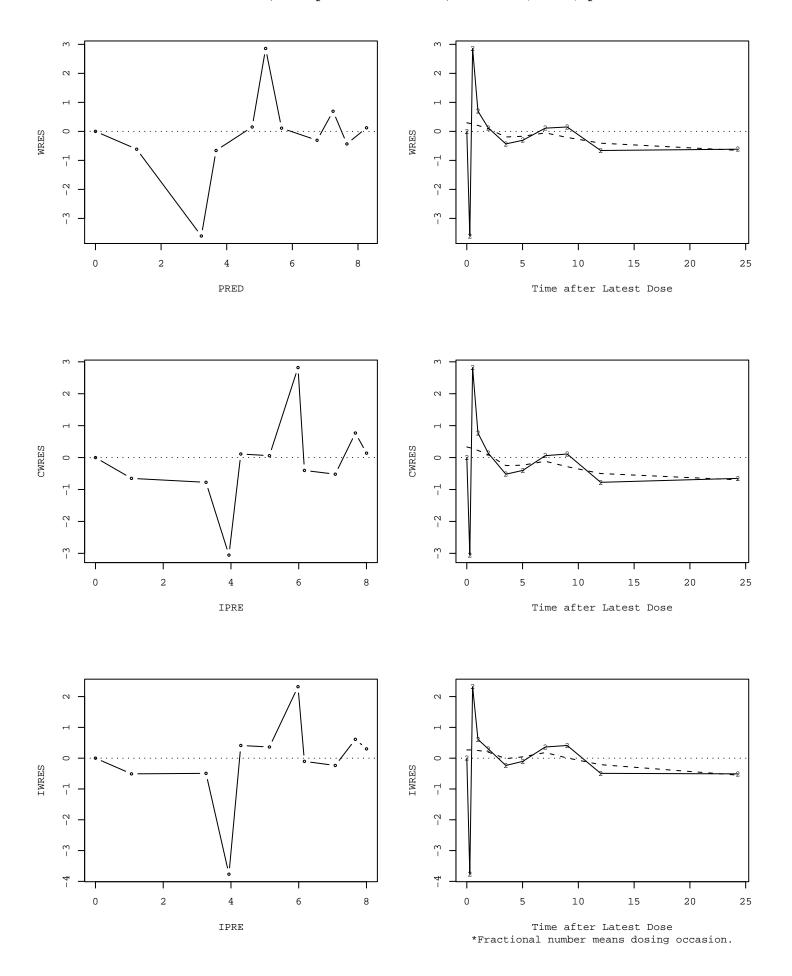
#### Extreme CWRE values larger than 2

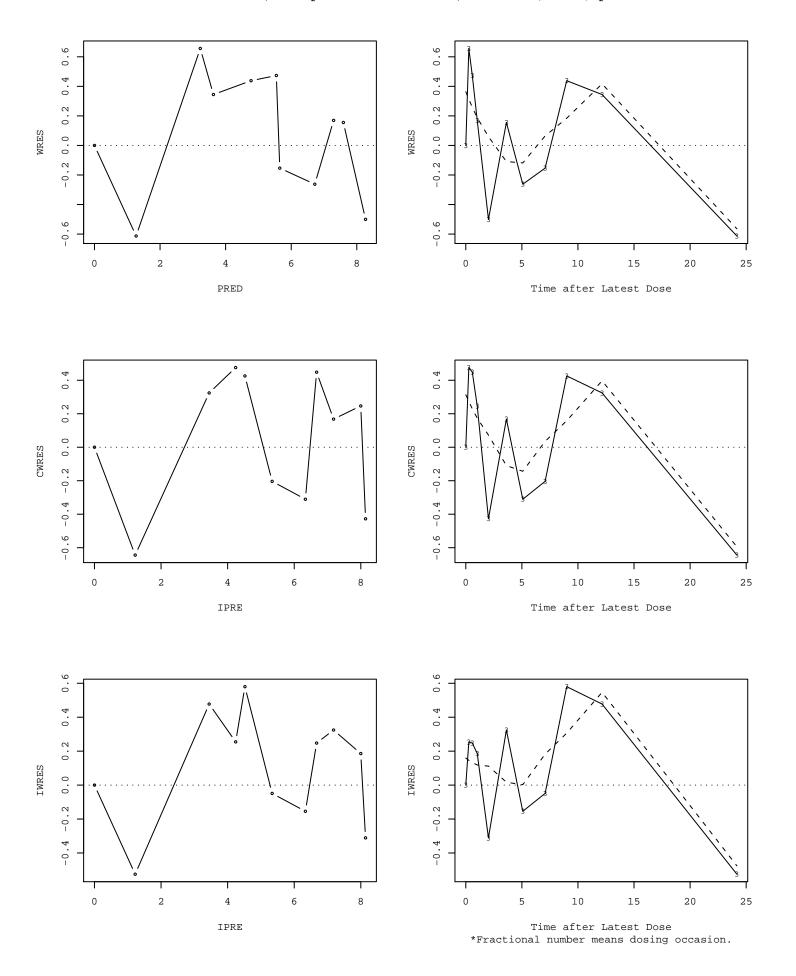
	ID	TIME	DV	PRED	IPRE	WRES	CWRE	IWRE
2	1	0.00	0.74	0.0000	0.0000	2.5709	2.570873	2.5709
12	1	24.37	3.28	1.2485	2.5167	3.3787	2.386942	1.7475
15	2	0.27	1.72	3.2270	3.9403	-3.6064	-3.054944	-3.7671
16	2	0.52	7.91	5.1854	5.9789	2.8579	2.819601	2.3216
39	4	0.35	1.89	3.9433	3.1280	-2.0454	-2.706425	-2.4783
51	5	0.30	2.02	3.5066	3.8217	-2.9059	-2.842478	-3.1283
53	5	1.00	11.40	7.2409	8.0076	3.5652	3.330559	3.1291
63	6	0.27	1.29	3.2270	1.8796	-1.4095	-2.057880	-1.5590
75	7	0.25	0.85	3.0329	1.4185	-1.1205	-2.154174	-1.6612
88	8	0.52	3.05	5.1854	4.6057	-2.0522	-2.330698	-2.3340
135	12	0.25	1.25	3.0329	2.2658	-1.7703	-2.789100	-2.4614

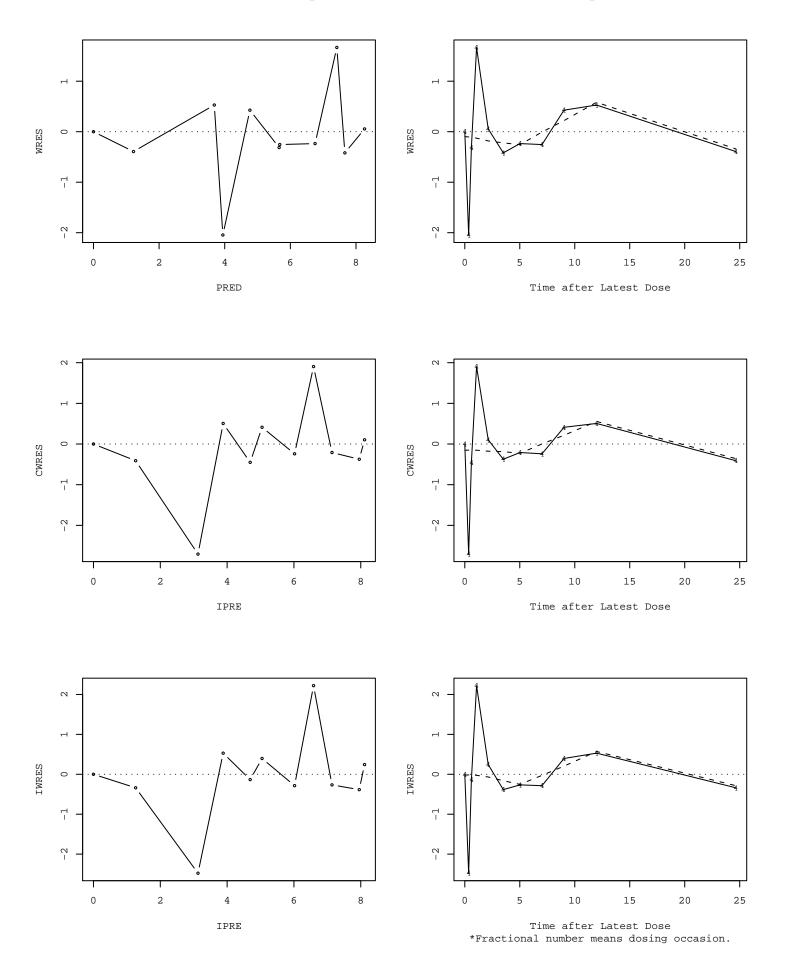
## Extreme IWRE values larger than 2

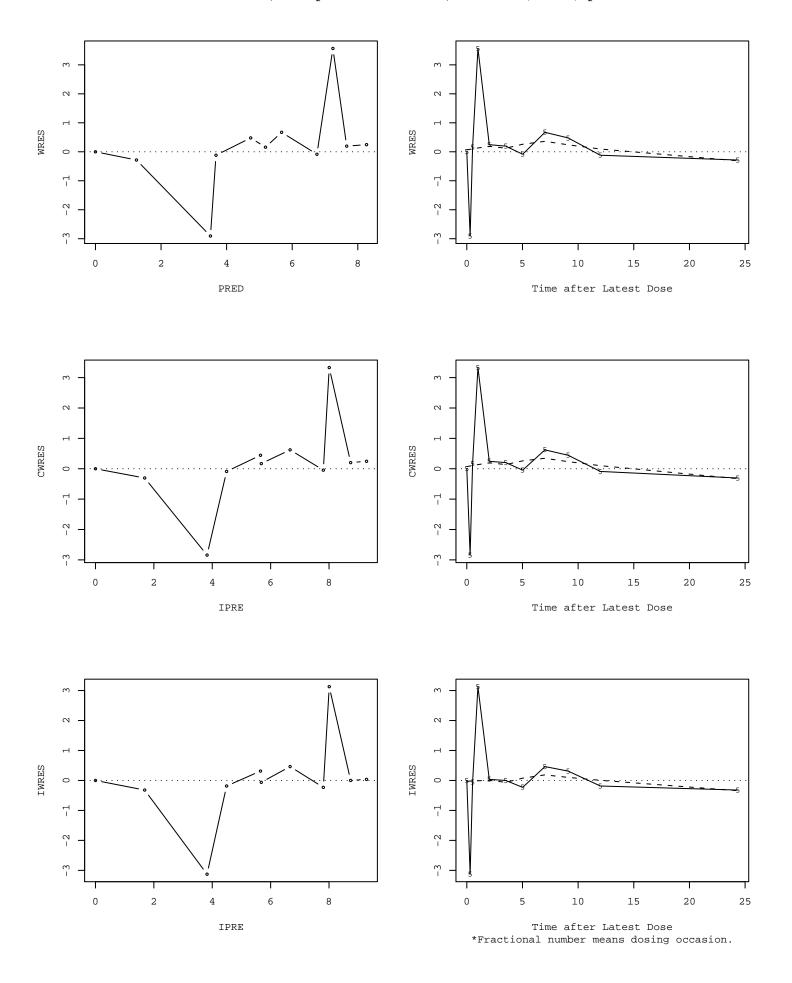
	ID	TIME	DV	PRED	IPRE	WRES	CWRE	IWRE
2	1	0.00	0.74	0.0000	0.0000	2.5709	2.570873	2.5709
15	2	0.27	1.72	3.2270	3.9403	-3.6064	-3.054944	-3.7671
16	2	0.52	7.91	5.1854	5.9789	2.8579	2.819601	2.3216
39	4	0.35	1.89	3.9433	3.1280	-2.0454	-2.706425	-2.4783
41	4	1.07	8.60	7.4162	6.5871	1.6682	1.904480	2.2200
51	5	0.30	2.02	3.5066	3.8217	-2.9059	-2.842478	-3.1283
53	5	1.00	11.40	7.2409	8.0076	3.5652	3.330559	3.1291
88	8	0.52	3.05	5.1854	4.6057	-2.0522	-2.330698	-2.3340
135	12	0.25	1.25	3.0329	2.2658	-1.7703	-2.789100	-2.4614

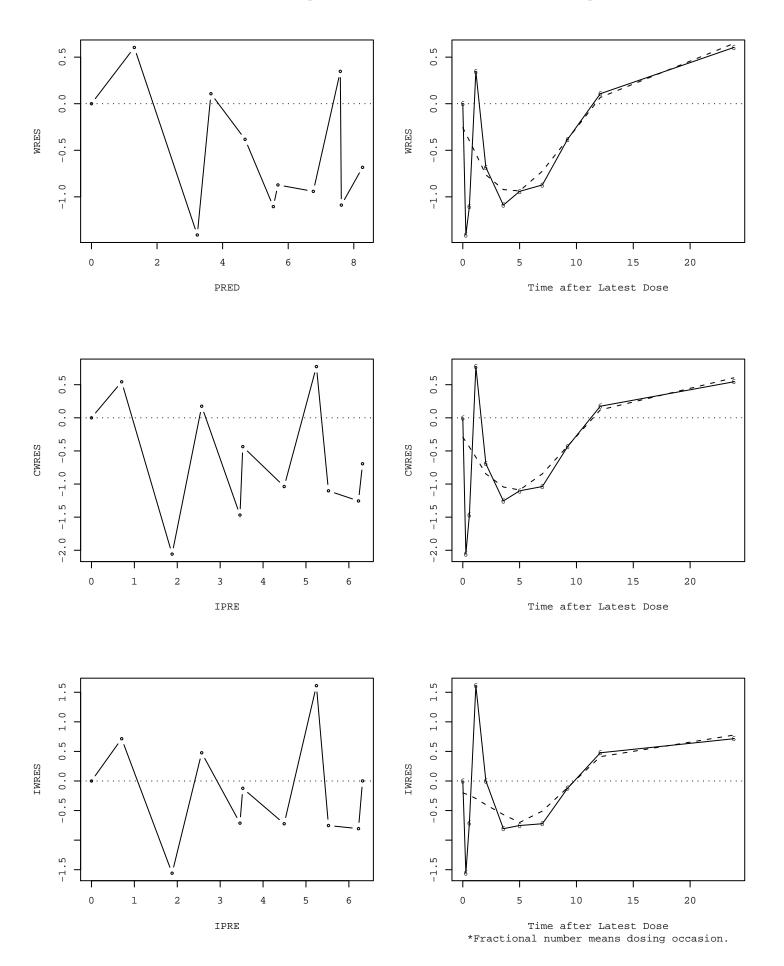


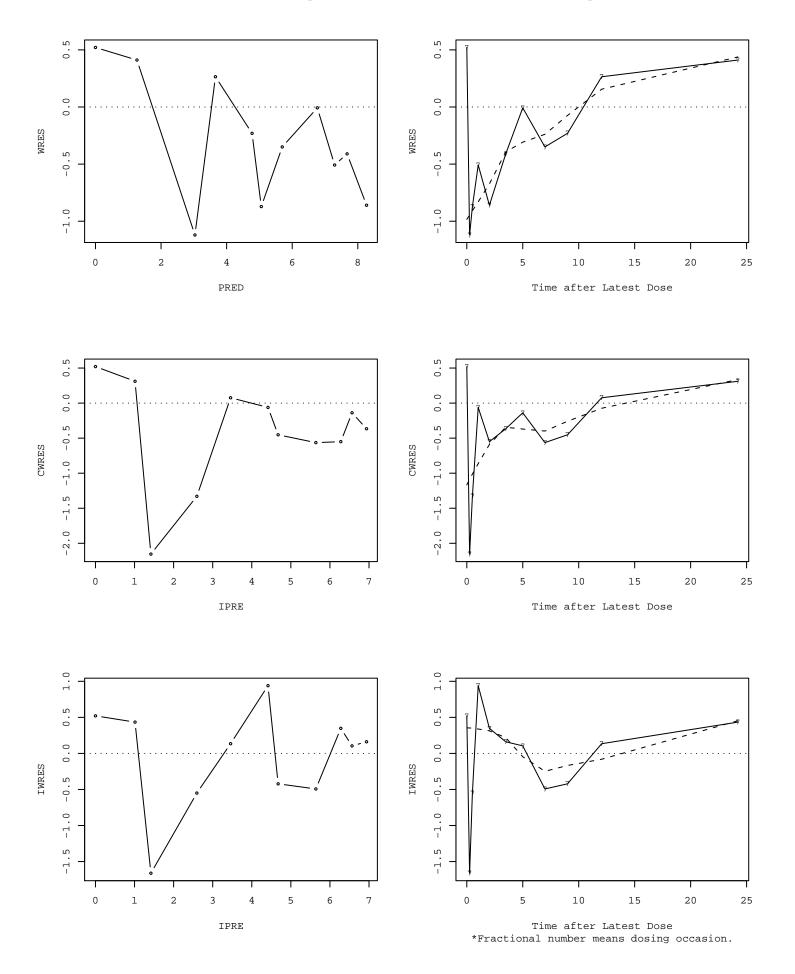


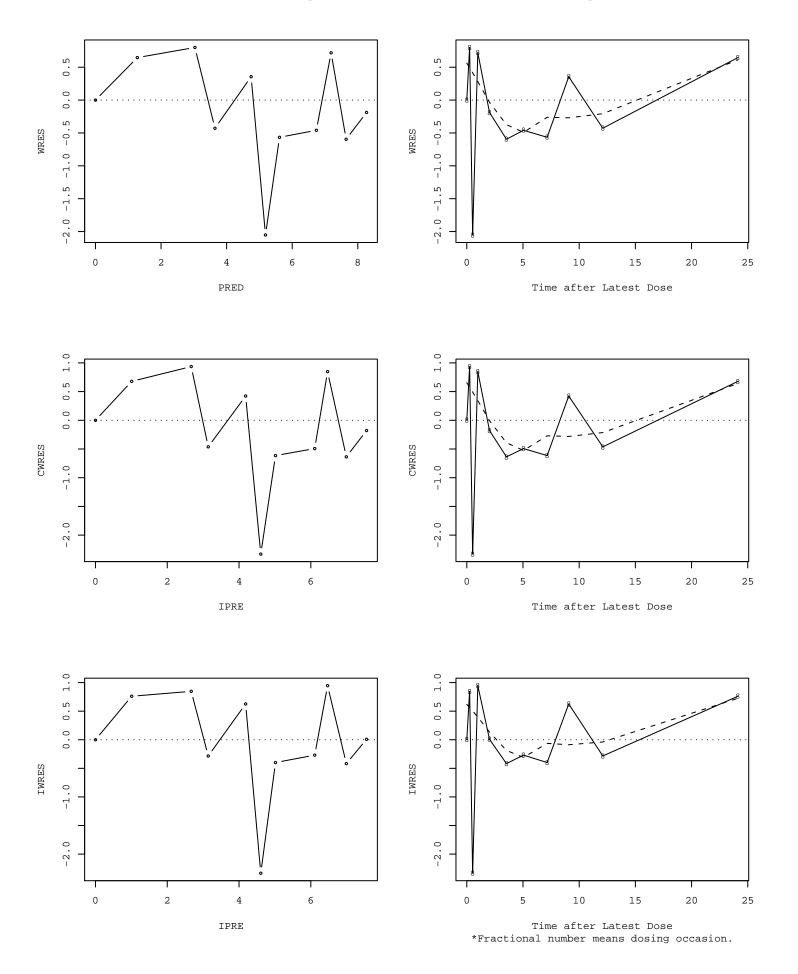


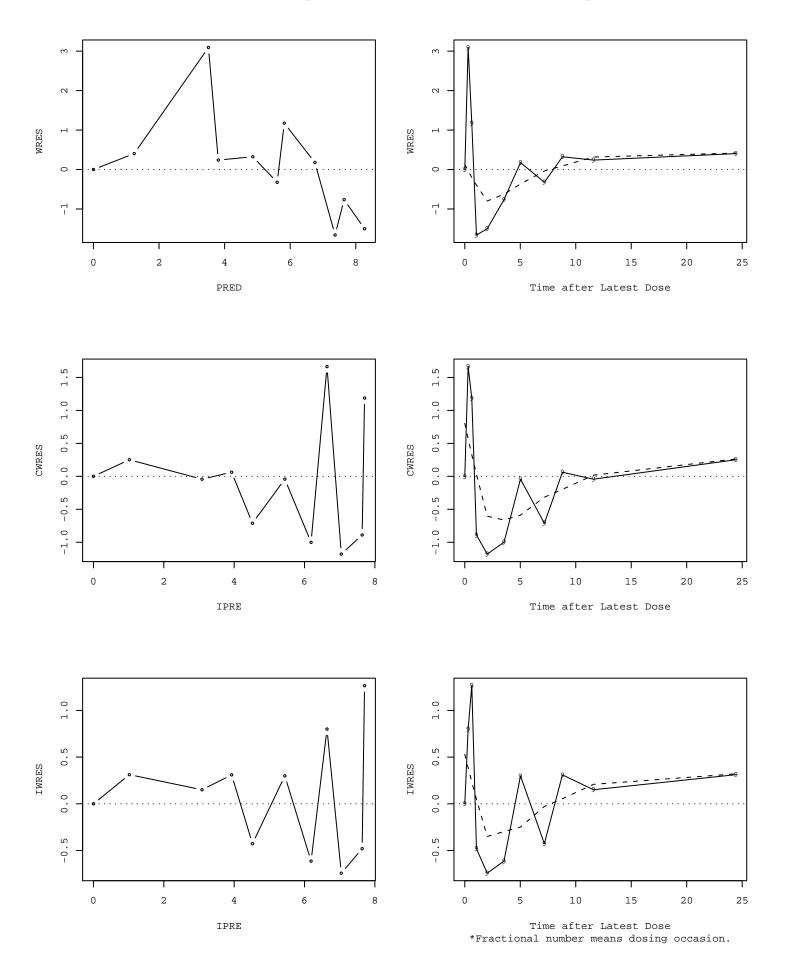


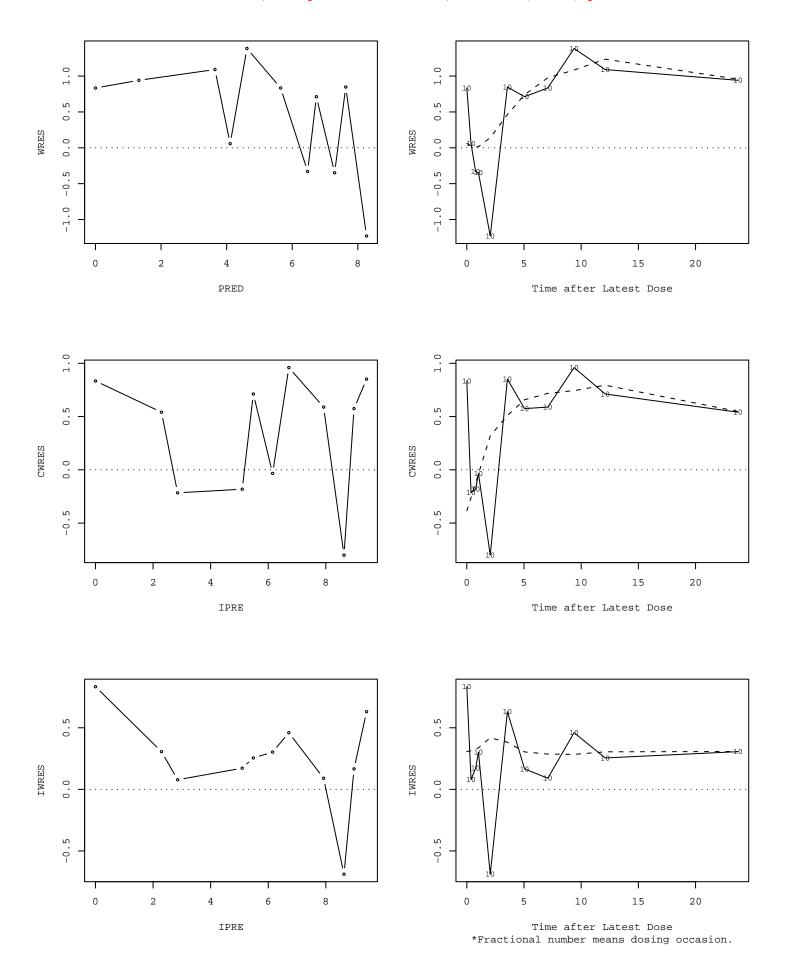


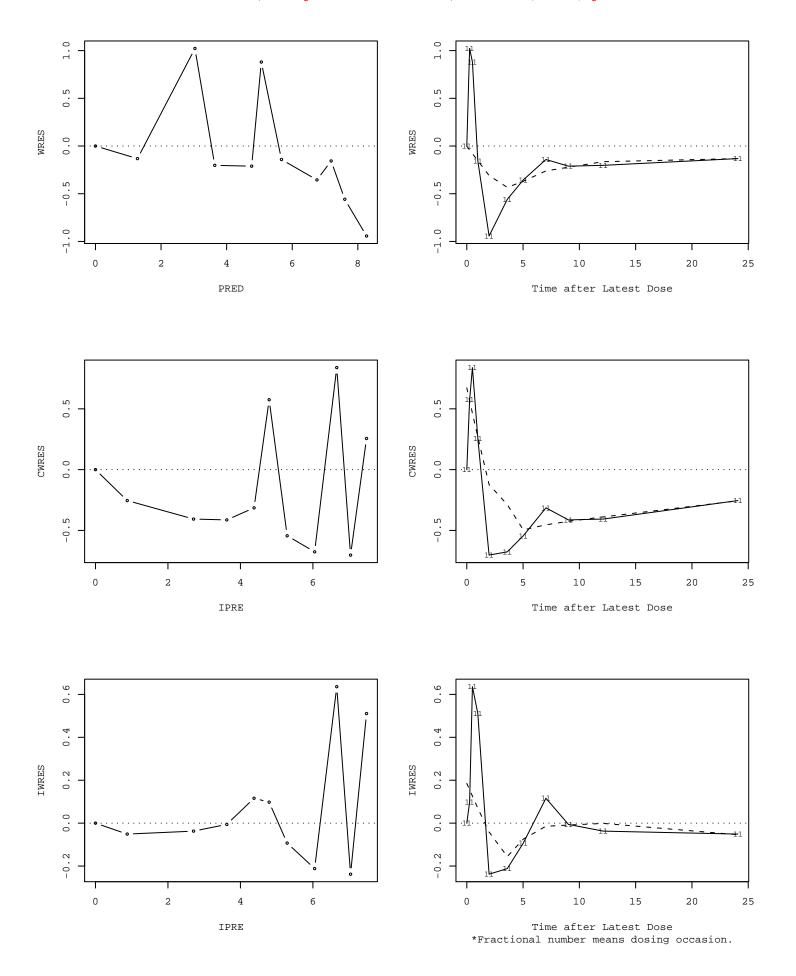


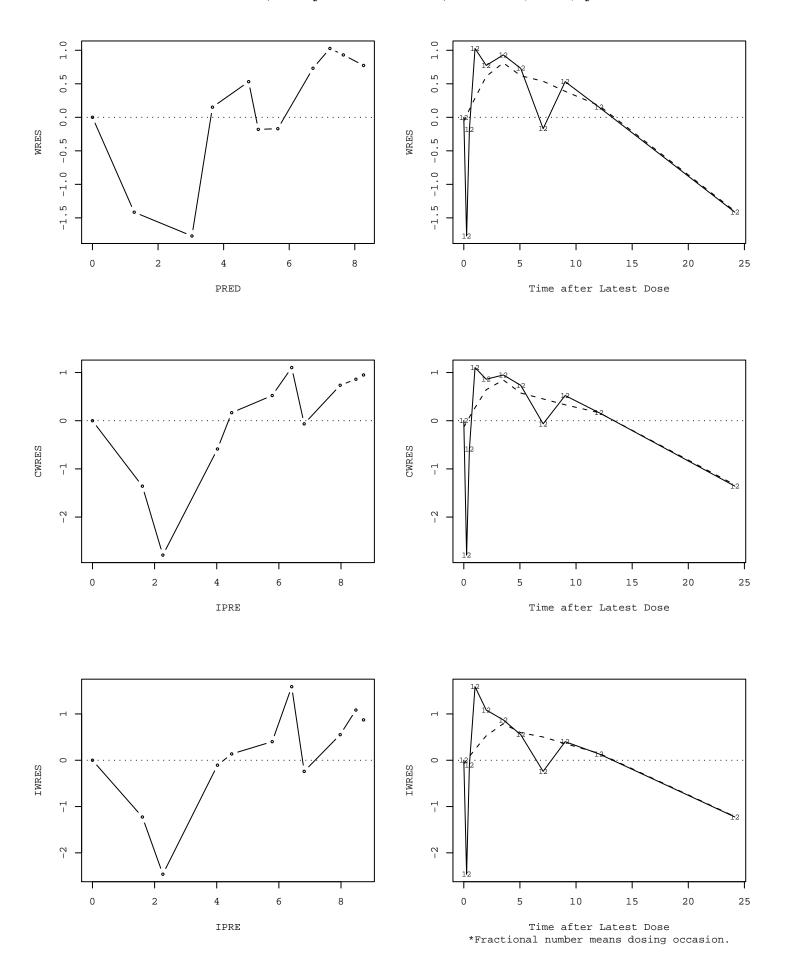












## Subjects with Bad Run Test Result on CWRES

ID p.value

[1,] 10 0.033333333

[2,] 11 0.006060606