

cured

$$P(Y=0 | X=x) = \frac{1}{1 + \exp(at+bx)}$$

not cured

$$P(Y=1 | X=x) = \frac{\exp(at+bx)}{1 + \exp(at+bx)}$$

Obs	case	age	gender	wbc	culture	type	time
557	2447403	A	80	M	24.3 n/d	slrs	11
556	2447403	A	80	M	24.3 n/d	slrs	10
555	2447403	A	80	M	24.3 n/d	slrs	9
554	2447403	A	80	M	24.3 n/d	slrs	8
553	2447403	A	80	M	24.3 n/d	slrs	7
552	2447403	A	80	M	24.3 n/d	slrs	6
551	2447403	A	80	M	24.3 n/d	slrs	5
550	2447403	A	80	M	24.3 n/d	slrs	4
549	2447403	A	80	M	24.3 n/d	slrs	3
548	2447403	A	80	M	24.3 n/d	slrs	2
547	2447403	A	80	M	24.3 n/d	slrs	1
546	2447450	S	67	F	17.3 n/d	slrs	13
545	2447450	S	67	F	17.3 n/d	slrs	12
544	2447450	S	67	F	17.3 n/d	slrs	11
543	2447450	S	67	F	17.3 n/d	slrs	10
542	2447450	S	67	F	17.3 n/d	slrs	9
541	2447450	S	67	F	17.3 n/d	slrs	8
540	2447450	S	67	F	17.3 n/d	slrs	7
539	2447450	S	67	F	17.3 n/d	slrs	6
538	2447450	S	67	F	17.3 n/d	slrs	5
537	2447450	S	67	F	17.3 n/d	slrs	4
536	2447450	S	67	F	17.3 n/d	slrs	3
535	2447450	S	67	F	17.3 n/d	slrs	2
534	2447450	S	67	F	17.3 n/d	slrs	1

The SAS System

Obs case

age gender wbc culture

type

time