

Diagnostics for Logistic Regression

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```
dat <- read.spss("data/heart.sav")
library(LogisticDx)
logmod <- glm(wlhheart ~ wlsex + wlactiv + wlcesd9 + wlneg, data = dat, family = "binomial")
dx(logmod)
```

Table 1: Table continues below

	(Intercept)	wlsexfemale	wlactiv1 or less/month
1:	1	1	0
2:	1	0	0
3:	1	1	0
4:	1	1	0
5:	1	1	0
—			
462:	1	0	1
463:	1	1	1
464:	1	1	1
465:	1	1	0
466:	1	1	0

Table 2: Table continues below

	wlactiv2-3 times/month	wlactiv1-2 times/week
1:	0	0
2:	0	0
3:	0	0
4:	0	0
5:	0	0
—		
462:	0	0
463:	0	0
464:	0	0

	sPr	sdr	dChisq	dDev	dBhat
1:	0.07448	0.07375	0.005547	0.005439	0.00002221
2:	-	-	0.006925	0.007030	0.00005490
	0.08322	0.08384			
3:	-	-	0.148270	0.276574	0.00049258
	0.38506	0.52590			
4:	-	-	0.146506	0.273498	0.00049458
	0.38276	0.52297			
5:	-	-	0.143690	0.268579	0.00049566
	0.37906	0.51825			
—					
462:	2.73084	2.08534	7.457500	4.348659	0.23599090
463:	4.17569	2.42697	17.436347	5.890177	0.27345974
464:	4.25678	2.44239	18.120159	5.965272	0.28954349
465:	3.21207	2.22299	10.317390	4.941669	0.30552416
466:	4.02698	2.41192	16.216528	5.817356	0.53907818

plot(logmod)

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