



(R)

15.1

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Notes:

1. Unicode is supported; see [help unicode advice](#).
2. Maximum number of variables is set to 5000; see [help set\\_maxvar](#).

running C:\Users\MDW620-CAF\Documents\profile.do ...

```
1 . do "C:\Users\MDW620-CAF\Documents\Tianhao.do"
2 . use C:\Users\MDW620-CAF\Downloads\hwldata.dta, clear
3 .
4 . logit y i.x1 i.x2 i.x3 x4 x5 x6
```

```
Iteration 0: log likelihood = -82.760511
Iteration 1: log likelihood = -30.57662
Iteration 2: log likelihood = -28.750296
Iteration 3: log likelihood = -28.672363
Iteration 4: log likelihood = -28.672342
Iteration 5: log likelihood = -28.672342
```

Logistic regression	Number of obs	=	120
	LR chi2(6)	=	108.18
	Prob > chi2	=	0.0000
Log likelihood = -28.672342	Pseudo R2	=	0.6536

y	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
1.x1	3.415127	.9586819	3.56	0.000	1.536145	5.294109
1.x2	-5.768404	1.321964	-4.36	0.000	-8.359406	-3.177402
1.x3	4.609453	1.064614	4.33	0.000	2.522848	6.696058
x4	1.544106	.4804108	3.21	0.001	.602518	2.485694
x5	-4.106603	.9933383	-4.13	0.000	-6.053511	-2.159696
x6	.5345794	.2733479	1.96	0.051	-.0011727	1.070331
_cons	-1.565264	.8618573	-1.82	0.069	-3.254473	.1239449

```
5 . margin, dydx(i.x2)
```

Average marginal effects	Number of obs	=	120
Model VCE : OIM			

Expression :  $\Pr(y)$ , `predict()`  
dy/dx w.r.t. : 1.x2



```
10 . margin, dydx(x5)
```

Average marginal effects  
Model VCE : OIM

```
Number of obs      =      120
```

```
Expression      : Pr(y), predict()
dy/dx w.r.t.   : x5
```

	Delta-method				
	dy/dx	Std. Err.	z	P> z	[95% Conf. Interval]
x5	-.3081857	.0412259	-7.48	0.000	-.3889869    -.2273845