Lab 9: Marginal effects

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How does the data look like?

Variable	Ť	Ť	Ť				→	Average
humancause	1	0	1	1	1	1		
party7	7	3	3	6	5	3		4.14
white	0	1	1	1	0	0		0.71
educ	11	13	16	13	13	14		12.33
male	1	0	1	0	0	0		0.51
age	23	30	76	26	27	27		49.7
agesq	529	900	5776	676	729	729		2769.8
incomecat	17	19	18	7	14	16		13.9

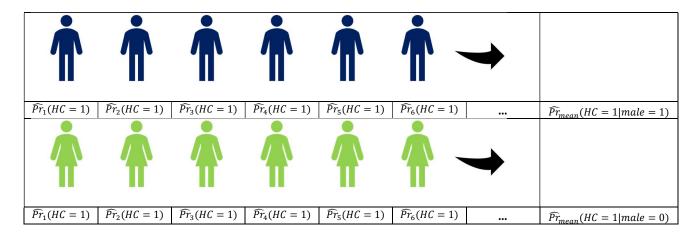
Marginal effects at means (MEMs)

	Average	Average
Variable		
Humancause(HC)	$\widehat{Pr}(HC = 1 male = 1, at means)$	$\widehat{Pr}(HC = 1 male = 0, at means)$
party7	4.14	4.14
white	0.71	0.71
educ	12.33	12.33
male	1	0
age	49.7	49.7
agesq	2769.8	2769.8
incomecat	13.9	13.9

Marginal effect of being male:

 $\widehat{Pr}(HC = 1 \mid male = 1, at means) - \widehat{Pr}(HC = 1 \mid male = 0, at means)$

Average marginal effects (AMEs)



Marginal effect of being male:

 $\widehat{Pr}_{mean}(HC = 1|male = 1) - \widehat{Pr}_{mean}(HC = 1|male = 0)$