

Handout seminar 9, ECON4150

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Variable	reg1	reg2	reg3	reg4
black	-.03203285	-.03822144		-.02310231
	.00778497	.01283463		.01103165
femalexbblack		.00799004		
		.01317383		
high			.01405744	.02294782
			.00779597	.01100682
highxbblack				-.01778076
				.01556599
_cons	.09650924	.09650924	.07343234	.0849835
	.0055048	.00550516	.00552502	.00780056

legend: b/se

. reg call_back black

Source	SS	df	MS	Number of obs =	4870
Model	1.24928131	1	1.24928131	F(1, 4868) =	16.93
Residual	359.197536	4868	.073787497	Prob > F =	0.0000
				R-squared =	0.0035
				Adj R-squared =	0.0033
Total	360.446817	4869	.074028921	Root MSE =	.27164

call_back	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
black	-.0320329	.007785	-4.11	0.000	-.0472949	-.0167708
_cons	.0965092	.0055048	17.53	0.000	.0857173	.1073011

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. gen femalexblack = female*black
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. reg call_back black femalexblack
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Source	SS	df	MS	Number of obs =	4870
Model	1.27642776	2	.638213882	F(2, 4867) =	8.65
Residual	359.170389	4867	.07379708	Prob > F =	0.0002
Total	360.446817	4869	.074028921	R-squared =	0.0035
				Adj R-squared =	0.0031
				Root MSE =	.27166

call_back	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
black	-.0382214	.0128346	-2.98	0.003	-.0633831 -.0130598
femalexblack	.00799	.0131738	0.61	0.544	-.0178366 .0338167
_cons	.0965092	.0055052	17.53	0.000	.0857166 .1073018

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. reg call_back high
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Source	SS	df	MS	Number of obs =	4870
Model	.2405871	1	.2405871	F(1, 4868) =	3.25
Residual	360.20623	4868	.073994706	Prob > F =	0.0714
Total	360.446817	4869	.074028921	R-squared =	0.0007
				Adj R-squared =	0.0005
				Root MSE =	.27202

call_back	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
high	.0140574	.007796	1.80	0.071	-.0012262 .0293411
_cons	.0734323	.005525	13.29	0.000	.0626008 .0842639

```
. gen highxblack = high*black
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```
. reg call_back black highxblack high
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Source	SS	df	MS	Number of obs =	4870
Model	1.5860963	3	.528698768	F(3, 4866) =	7.17
Residual	358.860721	4866	.073748607	Prob > F =	0.0001
Total	360.446817	4869	.074028921	R-squared =	0.0044
				Adj R-squared =	0.0038
				Root MSE =	.27157

call_back	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
black	-.0231023	.0110317	-2.09	0.036	-.0447293 -.0014753
highxblack	-.0177808	.015566	-1.14	0.253	-.0482971 .0127356
high	.0229478	.0110068	2.08	0.037	.0013695 .0445262
_cons	.0849835	.0078006	10.89	0.000	.0696909 .1002761

Variable	Obs	Mean	Std. Dev.	Min	Max
meanofjobsb	2435	3.658316	0	3.658316	3.658316
meanofjobsw	2435	3.664476	0	3.664476	3.664476
meanyearse~b	2435	7.829569	0	7.829569	7.829569
meanyearse~w	2435	7.856263	0	7.856263	7.856263
meanhonorsb	2435	.0513347	0	.0513347	.0513347
meanhonorsw	2435	.0542094	0	.0542094	.0542094
meanvolunt~b	2435	.4143737	0	.4143737	.4143737
meanvolunt~w	2435	.4086242	0	.4086242	.4086242
meanmilita~b	2435	.1018481	0	.1018481	.1018481
meanmilita~w	2435	.0924025	0	.0924025	.0924025
meanemphol~b	2435	.4459959	0	.4459959	.4459959
meanemphol~w	2435	.4501027	0	.4501027	.4501027
meanworkin~b	2435	.5609856	0	.5609856	.5609856
meanworkin~w	2435	.5581109	0	.5581109	.5581109
meanemailb	2435	.4796714	0	.4796714	.4796714
meanemailw	2435	.4788501	0	.4788501	.4788501
meancomput~b	2435	.8324435	0	.8324435	.8324435
meancomput~w	2435	.8086242	0	.8086242	.8086242
meanspecia~b	2435	.3273101	0	.3273101	.3273101
meanspecia~w	2435	.3301848	0	.3301848	.3301848
meaneoeb	2435	.2911704	0	.2911704	.2911704
meaneoew	2435	.2911704	0	.2911704	.2911704
meanmanagerb	2435	.1519507	0	.1519507	.1519507
meanmanagerw	2435	.1523614	0	.1523614	.1523614
meansuperv~b	2435	.0772074	0	.0772074	.0772074
meansuperv~w	2435	.0772074	0	.0772074	.0772074
meansecret~b	2435	.3330595	0	.3330595	.3330595
meansecret~w	2435	.3326489	0	.3326489	.3326489
meanoffsup~b	2435	.1186858	0	.1186858	.1186858
meanoffsup~w	2435	.1186858	0	.1186858	.1186858
meansalesr~b	2435	.1511294	0	.1511294	.1511294
meansalesr~w	2435	.1511294	0	.1511294	.1511294
meanretail~b	2435	.1679671	0	.1679671	.1679671
meanretail~w	2435	.1679671	0	.1679671	.1679671
meanreqb	2435	.787269	0	.787269	.787269
meanreqw	2435	.787269	0	.787269	.787269
meanexpreqb	2435	.4353183	0	.4353183	.4353183
meanexpreqw	2435	.4353183	0	.4353183	.4353183
meancomreqb	2435	.124846	0	.124846	.124846
meancomreqw	2435	.124846	0	.124846	.124846
meaneducreqb	2435	.1067762	0	.1067762	.1067762
meaneducreqw	2435	.1067762	0	.1067762	.1067762
meancompreqb	2435	.4373717	0	.4373717	.4373717
meancompreqw	2435	.436961	0	.436961	.436961
meanorgreqb	2435	.0726899	0	.0726899	.0726899
meanorgreqw	2435	.0726899	0	.0726899	.0726899
meanmanufb	2435	.0829569	0	.0829569	.0829569
meanmanufw	2435	.0829569	0	.0829569	.0829569
meantransc~b	2435	.0303901	0	.0303901	.0303901
meantransc~w	2435	.0303901	0	.0303901	.0303901
meanbankre~b	2435	.0850103	0	.0850103	.0850103
meanbankre~w	2435	.0850103	0	.0850103	.0850103
meantradeb	2435	.213963	0	.213963	.213963
meantradew	2435	.213963	0	.213963	.213963
meanbusser~b	2435	.2677618	0	.2677618	.2677618

meanbusser~w	2435	.2677618	0	.2677618	.2677618
meanothser~b	2435	.1548255	0	.1548255	.1548255
meanothser~w	2435	.1548255	0	.1548255	.1548255
meanmissindb	2435	.1650924	0	.1650924	.1650924
meanmissindw	2435	.1650924	0	.1650924	.1650924

meanchicagob	2435	.5552362	0	.5552362	.5552362
meanchicagow	2435	.5552362	0	.5552362	.5552362
meanhighb	2435	.5022587	0	.5022587	.5022587
meanhighw	2435	.5022587	0	.5022587	.5022587
meanfemaleb	2435	.774538	0	.774538	.774538

meanfemalew	2435	.7638603	0	.7638603	.7638603
meancollegeb	2435	.7227926	0	.7227926	.7227926
meancollegew	2435	.7162217	0	.7162217	.7162217
meancall_b~b	2435	.0644764	0	.0644764	.0644764
meancall_b~w	2435	.0965092	0	.0965092	.0965092