

Attachment C: Additional Documentation and Statistical Output from Impact Models

Below are Appendices B and D from the Report *Addressing Study Error in the Random Assignment National Evaluation of Upward Bound: Do the Conclusions Change?* By Margaret Cahalan a COE report published in 2009 and available at [http://www.pellinstitute.org/publications-Do the Conclusions Change 2009.shtml](http://www.pellinstitute.org/publications-Do%20the%20Conclusions%20Change%202009.shtml).

Appendix B

Examples of Detailed Model Results for Tables in the Body of Report and Comparison of Results when an Alternative Variable is Used for Standardization by EHSYG

Appendix tables B1-B6 provide examples of the complete model results for the statistics reported in the body of the report. We also include some model results (labeled B1a to B4a) for an alternative variable used for establishing a “grade-year” reference for standardization by expected high school graduation year (EHSYG).

As observed in table 2 of the body of the report, treatment and control group non-equivalencies in grades reported on the study surveys indicated that there was a need to standardize outcomes relative to fixed time frames. Model results reported in the body of this paper are based on a standardization of Expected High School Graduation Year (EHSYG) based on a baseline survey variable (B1) present for 99 percent of the sample that read:

“What grade were you in during the LAST SCHOOL YEAR (1992-93 school year)?”

Because some students reportedly answered the question with reference to the 1991-92 school year instead of 1992-93, we included a correction in the tabulation that provided for a range going from -1 to +1 (or +4) of the year that was established on the basis of the grade reported on the baseline data file which ranged from grade 7 to a few in 11. As discussed in the body of the report and indicated in tables 2 and 3, estimates of EHSYG using different variables on the data files are not entirely consistent with each other when the baseline survey, first follow-up survey and the third follow-up survey data files are compared. For this reason, to check the models reported in the body of the text based on the baseline variable (B1) with the correction for the 1991-92 responders, we also calculated an alternate EHSYG based on the results to the first follow-up survey in which sample members were asked the following question (QA1):

“What grade (are you in/were you in during the 1993-94 school year) or (are/were) you not attending junior high or high school (now/then)?”

The models presented in appendix tables B1 to B4a show comparative results using the two alternative variables for tabulation of EHSYG. As can be observed in the tables, the two alternative bases for standardization yield much the same impact estimates and significance test results. For example, table B1 and B1a present the same model with the two alternative variables used to standardize for the outcome of postsecondary entrance evidence by +1 of EHSYG.

The impact estimate reported in table B-1 shows a 6.9 effect significant at the .004 level. These estimates are used in the body of the report. The alternative variable presented in table B1a shows a 6.7 effect significant at the .000 level for the same model. Results in tables B2 and B2a are for the same models as in B1 and B1a but exclude project 69. We see that the estimate of effect in B2 (and reported in table 6 in the body of the report) is 9.1 significant at the .000 level and the estimate in B2a using the alternative first follow-up variable for standardization shows an effect size of 12.7 and significance of .001. Tables B3 and B3a show instrumental variables two stage regression results for modeling TOT with the dependent variable of appearance on the aid file and show effect size of 9.3 significant at the .002 level for the baseline variable standardization; and show an effect size of 10.4 significant at the .001 level for the first follow- up variable used for standardization. Results in B4 and B4a for bachelor's degree receipt without project 69 show similar effects and significance levels when +7 instead of +6 is used with the baseline.

Table B-1. Intent to Treat (ITT) logistic regression results models for dependent variable of having evidence of postsecondary from any applicable survey or from SFA files by +1 (18 months) of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04 (estimate reported in table 5 and 6)

pr-T = 72.9 pr-C = 66.0 Difference = 6.9**** kenye2	Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval	
FFUTC (random assigned to treatment)	Ffutc	0.395308	0.130178	3.04	0.004	0.131997	0.658619
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	0.165761	0.668542	0.25	0.805	-1.18649	1.518015
Gr89293 (Grade 8 on baseline ref grade 9)	gr89293	-0.80596	0.446533	-1.8	0.079	-1.70916	0.097236
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	0.223571	0.848204	0.26	0.793	-1.49208	1.939225
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-1.2639	1.263728	-1	0.323	-3.82003	1.292227
Clowoy (Low income only)	Clowoy	0.189757	0.257292	0.74	0.465	-0.33066	0.710179
Cfgenoy (First generation only)	Cfgenoy	0.346913	0.212268	1.63	0.11	-0.08244	0.776266
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	-0.96561	1.159979	-0.83	0.41	-3.31189	1.380672
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.36939	0.391458	-0.94	0.351	-1.16119	0.422409
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-1.117	0.638178	-1.75	0.088	-2.40784	0.173837
Cexdk (Baseline educational expectation was "don't know" ---ref BA)	Cexdk	-0.7174	0.136398	-5.26	0	-0.99329	-0.44151
Cexhs (Baseline educational expectation was high school only---ref BA)	Cexhs	-1.15535	0.263932	-4.38	0	-1.68921	-0.6215
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-1.08164	0.159795	-6.77	0	-1.40485	-0.75842
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.62101	0.096702	-6.42	0	-0.81661	-0.42541
Cexma (Baseline educational expectation was Masters Degree---refer BA)	Cexma	0.130731	0.127043	1.03	0.31	-0.12624	0.387699
Cexphd (Baseline educational expectation was PhD---ref BA)	Cexphd	0.260035	0.125456	2.07	0.045	0.006277	0.513794
Cothrac (Race was not Hispanic, Black, or White—ref Black)	Cothrac	-0.11733	0.298544	-0.39	0.696	-0.72119	0.486535
Chisp (Hispanic—ref Black)	Chisp	-0.3342	0.21233	-1.57	0.124	-0.76368	0.095275
Cwhite (Race was White, not Hispanic—ref Black)	Cwhite	-0.50434	0.164489	-3.07	0.004	-0.83705	-0.17163
Cfemale (Female)	Cfemale	0.655618	0.074893	8.75	0	0.504132	0.807103
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	Parbefor	0.404186	0.15019	2.69	0.01	0.100399	0.707974
_cons	_cons	0.983643	0.520775	1.89	0.066	-0.06972	2.03701

NOTE: Results of this table appear in figure I and in table 5 and table 6. Standardized based on baseline survey question B1 with correction for 1991-92 responders. SFA = Student Financial Aid files. Ref = left out reference in dummy variable sequence. See table 5 for additional note information. See also table B-1a for results using an alternative variable for EHSGY estimation. Number of strata (wprstco)= 28; Number of PSU (wprojid) = 67; uses poststratified longitudinal baseline weight (v5bwgtp1).

SOURCE: Data tabulated January 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04; and federal Student Financial Aid (SFA) files 1994-95 to 2003-04.

Table B-1a. Intent to Treat (ITT) logistic regression results models for dependent variable of having evidence of postsecondary from any applicable survey or from SFA files by +1 (18 months) of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04 (Uses alternative grade variable for standardization of EHSGY)

pr-T = 72.7 pr-C = 66.0 Difference = 6.7**** npse18	Variable name		Linearized Std.			95% Confidence		
		Coef.	Err.	t	P> t	Interval		
	FFUTC (random assigned to treatment)	ffutc	0.371381	0.092769	4	0	0.183739	0.559023
	Ffgr9 (grade 10 ref)	ffgr9	0.00818	0.329167	0.02	0.98	-0.65762	0.673983
	Ffgr11 (grade 10 ref)	ffgr11	-0.16084	0.164541	-0.98	0.334	-0.49366	0.17197
	Ffgr12 (grade 10 ref)	ffgr12	-1.62816	0.395105	-4.12	0	-2.42734	-0.82898
	Clowoy (Low income only)	clowoy	0.274296	0.247483	1.11	0.275	-0.22629	0.774878
	Cfgenoy (First generation only)	cfgenoy	0.375038	0.193827	1.93	0.06	-0.01701	0.76709
	C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	0.783521	0.301535	2.6	0.013	0.17361	1.393432
	C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	0.427427	0.226795	1.88	0.067	-0.03131	0.886164
	C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.31887	0.207559	-1.54	0.133	-0.7387	0.100957
	Cexdk (Baseline educational expectation was “don’t know” ---ref BA)	cexdk	-0.79806	0.145596	-5.48	0	-1.09256	-0.50357
	Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-1.28867	0.286644	-4.5	0	-1.86846	-0.70888
	Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.96014	0.163404	-5.88	0	-1.29065	-0.62962
	cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.62401	0.119286	-5.23	0	-0.86529	-0.38273
	Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.035613	0.11215	0.32	0.753	-0.19123	0.262458
	Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.223459	0.101548	2.2	0.034	0.01806	0.428859
	Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	-0.0687	0.285566	-0.24	0.811	-0.64631	0.50891
	Chisp (Hispanic—ref Black)	chisp	-0.26647	0.196386	-1.36	0.183	-0.6637	0.130757
	Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.5774	0.210339	-2.75	0.009	-1.00285	-0.15195
	Cfemale (Female)	cfemale	0.578733	0.077784	7.44	0	0.421399	0.736067
	Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.400858	0.131542	3.05	0.004	0.134789	0.666926
	_cons	_cons						

NOTE: Model uses an alternative variable from the First Follow-up (A3) instead of variable B1 from the Baseline Survey on which to standardize EHSGY (See table B-1). SFA = Student Financial Aid files. Ref = left out reference in dummy variable sequence. See table 5 in body of text for additional note information. Number of strata (wprstco)= 28; Number of PSU (wprojid) = 67; uses postratified longitudinal baseline weight (v5bwgtp1).

SOURCE: Data tabulated June 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education; study conducted 1992-93 to 2003-04; and federal Student Financial Aid (SFA) files 1994-95 to 2003-04.

Table B-2. Intent to Treat (ITT), excludes project 69, logistic regression results models for dependent variable of having evidence of postsecondary from any applicable survey or from SFA files by +1 (18 months) of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04 (estimate reported in table 5 and table 6)

pr-T = 73.4 pr-C = 64.3 Difference = 9.1**** kenye2	Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval	
FFUTC (random assigned to treatment)	ffutc	0.489536	0.128311	3.82	0	0.230002	0.74907
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	0.521967	0.625101	0.84	0.409	-0.74242	1.786352
Gr89293 (Grade 8 on baseline ref grade 9)	gr89293	-0.39121	0.286428	-1.37	0.18	-0.97057	0.188144
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	-0.45553	0.563581	-0.81	0.424	-1.59548	0.68442
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-2.12228	0.983931	-2.16	0.037	-4.11247	-0.1321
Clowoy (Low income only)	clowoy	0.346651	0.249567	1.39	0.173	-0.15815	0.851449
Cfgenoy (First generation only)	cfgenoy	0.456902	0.247804	1.84	0.073	-0.04433	0.958132
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	0.152517	0.657632	0.23	0.818	-1.17767	1.482704
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.10336	0.320505	-0.32	0.749	-0.75164	0.544922
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-1.08313	0.627791	-1.73	0.092	-2.35296	0.186695
Cexdk (Baseline educational expectation was “don’t know”---ref BA)	cexdk	-0.79163	0.149155	-5.31	0	-1.09333	-0.48994
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-1.24988	0.364853	-3.43	0.001	-1.98787	-0.5119
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.96619	0.175638	-5.5	0	-1.32145	-0.61092
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.65279	0.123614	-5.28	0	-0.90282	-0.40276
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.162114	0.149791	1.08	0.286	-0.14087	0.465095
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.346946	0.121938	2.85	0.007	0.100304	0.593588
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	0.062038	0.279237	0.22	0.825	-0.50277	0.626848
Chisp (Hispanic—ref Black)	chisp	-0.28652	0.3381	-0.85	0.402	-0.97039	0.397353
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.45507	0.167869	-2.71	0.01	-0.79462	-0.11552
Cfemale (Female)	cfemale	0.651833	0.088637	7.35	0	0.472549	0.831118
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.288657	0.175721	1.64	0.108	-0.06677	0.644085
_cons	_cons	0.519335	0.33867	1.53	0.133	-0.16569	1.20436

NOTE: Results of this table appear in figure I and in table 5 and table 6. Standardized based on Baseline Survey question B1 with correction for 1991-92 responders. SFA = Student Financial Aid files; Ref = left out reference in dummy variable sequence. See table 5 for additional note information. See also table B-2a for results using an alternative variable for EHSGY estimation. Number of strata (v5no69st) = 27; Number of PSU (wprojid) = 66; postratified longitudinal baseline weight (v5bwgtp1).

SOURCE: Data tabulated June 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04; and federal Student Financial Aid (SFA) files 1994-95 to 2003-04.

Table B-2a. Intent to Treat (ITT), excludes project 69, logistic regression results models for dependent variable of having evidence of postsecondary from any applicable survey or from SFA files by +1 (18 months) of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04 (uses alternative grade variable for EHSGY standardization)

pr-T = 73.3 pr-C = 60.6 Difference = 12.7**** npse18	Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval	
FFUTC (random assigned to treatment)	ffutc	0.404011	0.113939	3.55	0.001	0.173547	0.634475
Ffgr9 (grade 10 ref)	ffgr9	0.37182	0.280346	1.33	0.192	-0.19523	0.938873
Ffgr11 (grade 10 ref)	ffgr11	-0.02695	0.159631	-0.17	0.867	-0.34983	0.295939
Ffgr12 (grade 10 ref)	ffgr12	-1.32323	0.547936	-2.41	0.021	-2.43154	-0.21493
Clowoy (Low income only)	clowoy	0.465974	0.202402	2.3	0.027	0.056577	0.87537
Cfgenoy (First generation only)	cfgenoy	0.46034	0.253056	1.82	0.077	-0.05151	0.972195
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	0.663936	0.314424	2.11	0.041	0.027953	1.299919
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	0.358413	0.261897	1.37	0.179	-0.17132	0.888151
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.4937	0.208163	-2.37	0.023	-0.91475	-0.07265
Cexdk (Baseline educational expectation was don't know---ref BA)	cexdk	-0.853	0.158962	-5.37	0	-1.17454	-0.53147
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-1.38008	0.38735	-3.56	0.001	-2.16357	-0.59659
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.89794	0.182897	-4.91	0	-1.26788	-0.528
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.67054	0.141661	-4.73	0	-0.95708	-0.38401
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.028171	0.146501	0.19	0.849	-0.26816	0.324498
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.28854	0.102476	2.82	0.008	0.081263	0.495816
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	0.189738	0.214378	0.89	0.382	-0.24388	0.623358
Chisp (Hispanic—ref Black)	chisp	-0.20354	0.293326	-0.69	0.492	-0.79685	0.389766
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.44839	0.182601	-2.46	0.019	-0.81774	-0.07905
Cfemale (Female)	cfemale	0.583567	0.095933	6.08	0	0.389524	0.77761
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.273002	0.128501	2.12	0.04	0.013084	0.532919
_cons	_cons	0.099075	0.269472	0.37	0.715	-0.44598	0.644134

NOTE: Model uses an alternative variable from the First Follow-up (A3) instead of variable B1 from the Baseline Survey on which to standardize EHSGY (See table B-2). SFA = Student Financial Aid files; Ref = left out reference in dummy variable sequence. See table 5 in text for additional note information; Number of strata (v5no69st) = 27; Number of PSU (wprojid) = 66; postratified longitudinal baseline weight (v5bwgtp1).

SOURCE: Data tabulated June 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education; study conducted 1992-93 to 2003-04; and federal Student Financial Aid (SFA) files 1994-95 to 2003-04.

Table B-3. Instrumental variables regression for Treated on Treated (TOT) modeling dependent variable of appearing on the federal SFA files by +1 (18 months) of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04 (estimate reported in table 8)

Variable name	Coef.	Linearized Std. Err.	T	P> t	95% Confidence Interval	
xb T = 62.9 xb C = 53.6 Difference = 9.3**** (Kaidhs)						
xnewgp (Participated in UB/UBMS)	xnewgp	0.123149	0.037028	3.33	0.002	0.048253 0.198045
Gr79293 (Grade 7 in 1992-93 ref grade 9)	gr79293	-0.01293	0.132541	-0.1	0.923	-0.28102 0.255162
Gr89293 (Grade 8 in 1992-93 ref grade 9)	gr89293	-0.12538	0.048361	-2.59	0.013	-0.2232 -0.02756
Gr109293 (Grade 10 in 1992-93 ref grade 9)	gr109293	0.008279	0.125262	0.07	0.948	-0.24509 0.261646
Gr119293 (Grade 11 in 1992-93 ref grade 9)	gr119293	-0.24429	0.168436	-1.45	0.155	-0.58498 0.096407
Clowoy (Low income only)	clowoy	0.017819	0.049742	0.36	0.722	-0.08279 0.118432
Cfgenoy (First generation only)	cfgenoy	0.051589	0.051158	1.01	0.319	-0.05189 0.155066
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	-0.02485	0.141647	-0.18	0.862	-0.31135 0.261663
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.04074	0.055938	-0.73	0.471	-0.15389 0.072402
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.14285	0.118341	-1.21	0.235	-0.38222 0.096515
Cexdk (Baseline educational expectation was “don’t know”---ref BA)	cexdk	-0.18389	0.040305	-4.56	0	-0.26541 -0.10236
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-0.26295	0.0628	-4.19	0	-0.38997 -0.13592
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.18834	0.035934	-5.24	0	-0.26103 -0.11566
cex14aa (Baseline educational expectation was 2-year---ref BA)	cex14aa	-0.17929	0.024134	-7.43	0	-0.22811 -0.13047
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.022336	0.025866	0.86	0.393	-0.02998 0.074655
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.042772	0.018322	2.33	0.025	0.005713 0.079831
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	0.018877	0.046879	0.4	0.689	-0.07595 0.113699
Chisp (Hispanic—ref Black)	chisp	-0.06829	0.06105	-1.12	0.27	-0.19177 0.055199
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.10059	0.038615	-2.6	0.013	-0.17869 -0.02248
Cfemale (Female)	cfemale	0.139323	0.02847	4.89	0	0.081736 0.196909
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.032356	0.0231	1.4	0.169	-0.01437 0.07908
_cons	_cons	0.586899	0.075209	7.8	0	0.434774 0.739023

NOTE: Results of this table appear in table 8. Standardized based on baseline survey question B1 with correction for 1991-92 responders. SFA = Student Financial Aid files. Ref = left out reference in dummy variable sequence. See table 5 for additional note information. See also table B-3a for results using an alternative variable for EHSGY estimation. Number of strata (wprstco) = 28; Number of PSU (wprojid) = 67; uses poststratified longitudinal baseline weight (v5bwgtp1). Instrumented: xnewgp; Instruments: gr79293 gr89293 gr109293 gr119293 clowoy cfgenoy c11gssf c10gssf c8gssfm cexdk cex13v cexhs cex14aa cexma cexphd cothrac chisp cwhite cfemale parbefor ffutc.

SOURCE: Data tabulated January 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education; study conducted 1992-93 to 2003-04; and federal Student Financial Aid (SFA) files 1994-95 to 2003-04.

Table B-3a. Instrumental variables regression for Treated on Treated (TOT) modeling dependent variable of appearing on the federal SFA files by +1 (18 months) of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04 (uses alternative grade variable for standardization)

pr-T = 65.4 pr-C = 55.0 Difference = 10.4**** knaidh1		Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval	
xnewgp (Participated in UB/UBMS)	xnewgp	0.098531	0.02724	3.62	0.001	0.043433	0.153629	
Ffgr9 (grade 10 ref)	ffgr9	-0.00902	0.052581	-0.17	0.865	-0.11538	0.097332	
Ffgr11 (grade 10 ref)	ffgr11	0.014367	0.027164	0.53	0.6	-0.04058	0.069311	
Ffgr12 (grade 10 ref)	ffgr12	-0.24887	0.064124	-3.88	0	-0.37858	-0.11917	
Clowoy (Low income only)	clowoy	0.057143	0.048196	1.19	0.243	-0.04034	0.154628	
Cfgenoy (First generation only)	cfgenoy	0.029202	0.039698	0.74	0.466	-0.0511	0.109499	
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	0.178713	0.056336	3.17	0.003	0.064763	0.292663	
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	0.073839	0.037345	1.98	0.055	-0.0017	0.149376	
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.01392	0.062567	-0.22	0.825	-0.14047	0.112637	
Cexdk (Baseline educational expectation was “don’t know”---ref BA)	cexdk	-0.17051	0.031567	-5.4	0	-0.23436	-0.10666	
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-0.24205	0.060803	-3.98	0	-0.36504	-0.11907	
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.1457	0.02996	-4.86	0	-0.2063	-0.0851	
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.17534	0.029116	-6.02	0	-0.23423	-0.11645	
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.012577	0.023624	0.53	0.597	-0.03521	0.06036	
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.014907	0.026489	0.56	0.577	-0.03867	0.068485	
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	0.038572	0.0459	0.84	0.406	-0.05427	0.131412	
Chisp (Hispanic—ref Black)	chisp	-0.02733	0.036807	-0.74	0.462	-0.10178	0.047119	
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.08829	0.03744	-2.36	0.023	-0.16402	-0.01256	
Cfemale (Female)	cfemale	0.146096	0.026613	5.49	0	0.092267	0.199925	
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.064862	0.021253	3.05	0.004	0.021875	0.10785	
_cons	_cons	0.457948	0.040832	11.22	0	0.375358	0.540537	

NOTE: Model uses an alternative variable from the first follow-up survey (A3) instead of variable B1 from the Baseline Survey on which to standardize EHSGY (See table B-3). SFA = Student Financial Aid files. Ref = left out reference in dummy variable sequence. See table 5 in body of text for additional note information. Number of strata (wprstco) = 28; Number of PSU (wprojid) = 67; uses poststratified longitudinal baseline weight (v5bwgtp1). Instrumented: xnewgp; Instruments: gr79293 gr89293 gr109293 gr119293 clowoy cfgenoy c11gssf c10gssf c8gssfm cexdk cex13v cexhs cex14aa cexma cexphd cothrac chisp cwhite cfemale parbefor ffut.

SOURCE: Data tabulated June 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education; study conducted 1992-93 to 2003-04; and federal Student Financial Aid (SFA) files 1994-95 to 2003-04.

Table B-4 Intent to Treat (ITT), excludes project 69, logistic regression results models for dependent variable of having evidence of attaining a BA degree in +6 of expected high school graduation year (EHSGY) from any applicable survey, SFA Files, or National Student Clearinghouse (NSC): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04 (estimate in table 10)

pr-T = 17.0 pr-C = 13.3 Difference = 3.7**** kbahs6	Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval	
FFUTC (random assigned to treatment)	ffutc	0.362466	0.084166	4.31	0	0.192224	0.532708
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	0.092829	0.334572	0.28	0.783	-0.58391	0.769564
Gr89293 (Grade 8 on baseline ref grade 9)	gr99293	0.446231	0.304951	1.46	0.151	-0.17059	1.063053
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	0.474865	0.600971	0.79	0.434	-0.74071	1.690443
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-1.46837	1.670039	-0.88	0.385	-4.84634	1.909606
Clowoy (Low income only)	clowoy	0.706581	0.265714	2.66	0.011	0.169123	1.244038
Cfgenoy (First generation only)	cfgenoy	0.534226	0.191623	2.79	0.008	0.146633	0.92182
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	-0.40178	0.652044	-0.62	0.541	-1.72066	0.917103
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.38824	0.265334	-1.46	0.151	-0.92493	0.148449
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.53442	0.4097	-1.3	0.2	-1.36312	0.294275
Cexdk (Baseline educational expectation was “don’t know”---ref BA)	cexdk	-0.67588	0.215566	-3.14	0.003	-1.1119	-0.23985
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-2.17255	0.908448	-2.39	0.022	-4.01006	-0.33504
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.6227	0.277369	-2.25	0.031	-1.18374	-0.06167
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-1.28374	0.274614	-4.67	0	-1.8392	-0.72828
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.250644	0.165068	1.52	0.137	-0.08324	0.584526
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.19915	0.158047	1.26	0.215	-0.12053	0.518831
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	0.421884	0.268605	1.57	0.124	-0.12142	0.965189
Chisp (Hispanic—ref Black)	chisp	-0.15843	0.244249	-0.65	0.52	-0.65247	0.335611
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.25651	0.169433	-1.51	0.138	-0.59922	0.086198
Cfemale (Female)	cfemale	0.662424	0.125721	5.27	0	0.40813	0.916719
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.116322	0.110851	1.05	0.3	-0.10789	0.340539
_cons	_cons	-2.22556	0.185144	-12.02	0	-2.60005	-1.85107

NOTE: Results of this table appear in table 10. Standardized based on baseline survey question B1 with correction for 1991-92 responders. SFA = Student Financial Aid files. Ref = left out reference in dummy variable sequence. See table 5 for additional note information. See also table B-4a for results using an alternative variable for EHSGY estimation. Number of strata (v5no69st) = 27; Number of PSU (wprojid) = 66; postratified longitudinal baseline weight (v5bwgtp1).

SOURCE: Data tabulated January 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education; study conducted 1992-93 to 2003-04; federal Student Financial Aid (SFA) files 1994-95 to 2003-04; and National Student Clearinghouse Data 1995-2004

Table B-4a Intent to Treat (ITT), excludes project 69, logistic regression results models for dependent variable of having evidence of attaining a BA degree in +7 of expected high school graduation year (EHSGY) from the any applicable survey, SFA Files, or National Student Clearinghouse (NSC): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04 (uses alternative grade variable for standardization)

pr-T = 18.0 pr-C = 14.5 Difference = 3.5**** knba7	Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval	
FFUTC (random assigned to treatment)	ffutc	0.330297	0.082796	3.99	0	0.162826	0.497767
Ffgr9 (grade 10 ref)	ffgr9	-0.22032	0.215644	-1.02	0.313	-0.6565	0.215859
Ffgr11 (grade 10 ref)	ffgr11	-0.00821	0.246862	-0.03	0.974	-0.50754	0.491114
Ffgr12 (grade 10 ref)	ffgr12	-1.20172	0.617098	-1.95	0.059	-2.44992	0.046477
Clowoy (Low income only)	clowoy	0.684771	0.264543	2.59	0.013	0.149683	1.219859
Cfgenoy (First generation only)	cfgenoy	0.577483	0.155877	3.7	0.001	0.262192	0.892773
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	0.341965	0.384344	0.89	0.379	-0.43544	1.119374
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	0.040414	0.169063	0.24	0.812	-0.30155	0.382376
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.28152	0.224888	-1.25	0.218	-0.7364	0.173358
Cexdk (Baseline educational expectation was “don’t know”---ref BA)	cexdk	-0.59992	0.208694	-2.87	0.007	-1.02204	-0.1778
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-2.19774	0.883071	-2.49	0.017	-3.98391	-0.41156
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.53217	0.287618	-1.85	0.072	-1.11393	0.049596
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-1.26668	0.275738	-4.59	0	-1.82441	-0.70895
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.35107	0.197926	1.77	0.084	-0.04927	0.751413
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.213193	0.157779	1.35	0.184	-0.10595	0.532331
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	0.382197	0.25811	1.48	0.147	-0.13988	0.904273
Chisp (Hispanic—ref Black)	chisp	-0.12792	0.225029	-0.57	0.573	-0.58309	0.327239
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.31609	0.154333	-2.05	0.047	-0.62826	-0.00392
Cfemale (Female)	cfemale	0.67513	0.117384	5.75	0	0.437698	0.912561
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.198067	0.097729	2.03	0.05	0.000391	0.395742
_cons	_cons	-2.10691	0.195875	-10.76	0	-2.50311	-1.71072

NOTE: Model uses an alternative variable from the first follow up (A3) on which to standardize grade. Model uses an alternative variable from the First Follow-up Survey (A3) instead of variable B1 from the Baseline Survey on which to standardize EHSGY (See table B-4). SFA = Student Financial Aid files; Ref = left out reference in dummy variable sequence. See table 5 in body of report for additional note information; Number of strata (v5no69st) = 27; Number of PSU (wprojid) = 66; postratified longitudinal baseline weight (v5bwgtp1).

SOURCE: Data tabulated January 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04; federal Student Financial Aid (SFA) files 1994-95 to 2003-04; and National Student Clearinghouse Data 1995-2004.

Table B-5. ITT Logistic Regression model results for higher academic risk subgroup (bottom 20 percent on 9th grade academic indicators) modeling dependent variable of having evidence of entering postsecondary within +1 (18 months) of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-2004 (estimate in table 12 in text)

Pr--Treatment- 60.1 Control- 41.0 Difference- 19.1*** n3ar20h== 1) 521 cases-- kenye2	Variable name	Coef.	Linearized Std. Err.	T	P> t	95% Confidence Interval	
Ffute (random assignment to treatment)	ffute	0.68927	0.243843	2.83	0.007	0.196051	1.182489
Gr79293 (Grade 7 in 1992-93 ref grade 9)	gr79293	2.221241	1.032169	2.15	0.038	0.133482	4.308999
Gr89293 (Grade 8 in 1992-93 ref grade 9)	gr89293	-0.25723	0.640009	-0.4	0.69	-1.55177	1.037314
Gr109293 (Grade 10 in 1992-93 ref grade 9)	gr109293	0.870869	0.988209	0.88	0.384	-1.12797	2.869711
Gr119293 (Grade 11 in 1992-93 ref grade 9)							
Clowoy (Low income only)	clowoy	0.677017	0.435089	1.56	0.128	-0.20303	1.557068
Cfgenoy (First generation only)	cfgenoy	0.543434	0.497777	1.09	0.282	-0.46342	1.550283
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	-1.34637	1.380078	-0.98	0.335	-4.13784	1.445102
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	0.06583	0.682602	0.1	0.924	-1.31486	1.446522
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-2.55885	1.08985	-2.35	0.024	-4.76328	-0.35442
Cexdk (Baseline educational expectation was “don’t know”---ref BA)	cexdk	-0.65612	0.522212	-1.26	0.216	-1.71239	0.400155
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-2.14998	1.264569	-1.7	0.097	-4.70782	0.407849
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.98	0.453137	-2.16	0.037	-1.89656	-0.06345
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.50108	0.412805	-1.21	0.232	-1.33606	0.333896
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	-0.11761	0.344832	-0.34	0.735	-0.8151	0.579874
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	-0.80588	0.469222	-1.72	0.094	-1.75497	0.143209
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	-0.54198	0.572089	-0.95	0.349	-1.69914	0.615182
Chisp (Hispanic—ref Black)	chisp	-0.4907	0.643455	-0.76	0.45	-1.79221	0.810811
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.647	0.348201	-1.86	0.071	-1.3513	0.057307
Cfemale (Female)	cfemale	0.534927	0.181975	2.94	0.005	0.166847	0.903007
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.411237	0.334681	1.23	0.227	-0.26572	1.088194
_cons	_cons	0.080847	0.53191	0.15	0.88	-0.99504	1.156736

NOTE: Results of this table appear in figure 9 and table 12. Standardized based on baseline survey question B1 with correction for 1991-92 responders. SFA = Student Financial Aid files. Ref = left out reference in dummy variable sequence. See table 5 for additional note information. Number of strata (wprstco) = 28; Number of PSU (wprojid) = 67; uses postratified longitudinal baseline weight (v5bwgtp1).

SOURCE: Data tabulated January 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04; federal Student Financial Aid (SFA) files 1994-95 to 2003-04.

Table B-6. Intent to Treat (ITT) logistic regression results for sample members with lower educational expectations for modeling of dependent variables of attainment of any postsecondary credential using survey data only adjusted for non-response: National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

Pr--- Treatment- 50.3 Control- 35.0 Difference - 15.3** bahexp == 0	Variable name	Coef.	Linearized Std. Err.	t	P> t	[95% Conf. Interval]
Ffutc (random assignment to treatment)	ffutc	0.781074	0.356626	2.19	0.035	0.059731 1.502417
Gr79293 (Grade 7 in 1992-93 ref grade 9)	gr79293	15.74681	0.737344	21.36	0	14.25539 17.23823
Gr89293 (Grade 8 in 1992-93 ref grade 9)	gr89293	-1.76353	0.856123	-2.06	0.046	-3.4952 -0.03186
Gr109293 (Grade 10 in 1992-93 ref grade 9)	gr109293	-0.04512	0.81914	-0.06	0.956	-1.70199 1.611743
Gr119293 (Grade 11 in 1992-93 ref grade 9)						
Clowoy (Low income only)	clowoy	1.004854	0.97003	1.04	0.307	-0.95722 2.966925
Cfgenoy (First generation only)	cfgenoy	0.316873	0.610377	0.52	0.607	-0.91773 1.551476
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	-1.56826	1.093469	-1.43	0.159	-3.78 0.643495
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-1.38135	0.637629	-2.17	0.036	-2.67107 -0.09162
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-17.8409				
Cexdk (Baseline educational expectation was don't know---ref BA)	cexdk	-0.45648	0.571858	-0.8	0.43	-1.61317 0.700211
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	1.464931	0.468557	3.13	0.003	0.517185 2.412677
Cex13v (Baseline educational expectation was vocational---ref BA)						
cex14aa (Baseline educational expectation was 2-year---ref BA)	cex14aa	-0.71024	0.872378	-0.81	0.421	-2.47479 1.054315
Cexma (Baseline educational expectation was Masters Degree---refer BA)						
Cexphd (Baseline educational expectation was Ph.D---ref BA)						
Cothrac (Race was not Hispanic or Black or White—ref Black)	cothrac	0.188601	0.435626	0.43	0.667	-0.69254 1.069738
Chisp (Hispanic—ref Black)	chisp	0.65849	0.522057	1.26	0.215	-0.39747 1.714449
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.35067	0.413444	-0.85	0.402	-1.18694 0.485598
Cfemale (Female)	cfemale	0.769137	0.544524	1.41	0.166	-0.33227 1.87054
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.135167	0.207005	0.65	0.518	-0.28354 0.553873
_cons	_cons	0.604448	0.873176	0.69	0.493	-1.16172 2.370613

Note: Ref = left out reference in dummy variable sequence. See table 5 in text for complete note information; Number of strata = 28; Number of PSU = 67; Note results using survey data only subject to non-response bias and sub-group results subject to unequal weighting.

Appendix D

Additional Tabulations: Sensitivity to Project 69; Standardization and Use of Administrative Records

The tables in the body of the report attempt to mitigate some of the observed bias introduced by project 69 by use of a longitudinal file composed of all sample members rather than only responders to the survey, standardization of outcomes to EHSGY, and care in the use of the National Student Clearinghouse (NSC) data. This appendix addresses the issue of the sensitivity of results to project 69 when these procedures are not followed. Specifically it addresses the question of the sensitivity of the results published by ED in the third follow-up report to inclusion of 69 and also to standardization and use of administrative records. We also include some tables comparing fourth follow-up data with and without 69. We also include a table that compares results from the main statistic on postsecondary entrance from the fifth follow-up report with and without project 69. Note that none of the models included control for the academic differences in treatment and control group introduced by 69, as these were measures from the 9th grade after treatment had begun for a portion of the sample.

Tables D-1 and D-1a present models based on only those who responded to the third follow-up report for the outcome of “any postsecondary enrollment.” The weights were adjusted for non-response by project and weighted up to the poststratified totals. The outcome variable is not standardized as to expected high school graduation year (EHSGY) and the file uses only survey data unsupplemented by SFA data. As can be seen, results in D-1 without the outlier project 69 are significant, and those with 69 are not significant (D-1a). Results in D-1a are consistent with those that formed the basis of the conclusions in the published third follow-up report which stated that the program had no effect on postsecondary enrollment.

Tables D-2 and D-2a present similar models from the fourth follow-up survey. The tables are also based on survey responders only, do not include standardization for EHSGY, and do not use SFA records. The models use the fourth follow-up non-response adjusted weights. Results in D-2 excluding 69 are significant and those in D-2a including 69 are not significant.

Tables D-3 and D-3a, also using fourth follow-up survey data, give results when the survey data are supplemented with SFA Pell recipient data and a longitudinal file made up of all sample members is used. The outcome variable is not standardized for EHSGY. As can be seen in these two models, results with and without 69 are significant.

Tables D-5 to D8 present data from responders to the third follow-up only with standardization for EHSGY for outcomes of postsecondary entrance evidence and presence on the aid file respectively. Tables D-7 and D-8 with third follow-up responders only look at presence on the aid file by +1 and show significance without project 69, but are not significant with project 69.

Table D-1. Third follow-up survey responders only, excludes Project 69, no SFA records, no standardization Intent to Treat (ITT) logistic regression results for dependent variable of having evidence of entering postsecondary from survey only: National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

pr-T = 77.8 pr-C = 72.2 Difference = 5.7** psstu3 pweight: f3wgtsu	Variable name					95% Confidence Interval	
		Coef.	Linearized Std. Err.	T	P> t		
FFUTC (random assigned to treatment)	ffutc	0.369317	0.185317	1.99	0.053	-0.00552	0.744156
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	-0.38526	0.713454	-0.54	0.592	-1.82835	1.05784
Gr89293 (Grade 8 on baseline ref grade 9)	gr89293	-0.51941	0.260255	-2	0.053	-1.04582	0.007009
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	-0.55074	0.418589	-1.32	0.196	-1.39742	0.295935
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-2.93193	0.797048	-3.68	0.001	-4.54411	-1.31975
Clowoy (Low income only)	clowoy	0.497022	0.33415	1.49	0.145	-0.17886	1.172904
Cfgenoy (First generation only)	cfgenoy	0.502402	0.150072	3.35	0.002	0.198852	0.805951
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	0.594807	0.435353	1.37	0.18	-0.28578	1.475391
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	0.033499	0.28969	0.12	0.909	-0.55246	0.619453
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.27028	0.573049	-0.47	0.64	-1.42938	0.88882
Cexdk (Baseline educational expectation was "don't know"---ref BA)	cexdk	-1.1039	0.133833	-8.25	0	-1.3746	-0.8332
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-2.04626	0.362701	-5.64	0	-2.77989	-1.31263
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.70324	0.222507	-3.16	0.003	-1.1533	-0.25318
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.75898	0.153389	-4.95	0	-1.06924	-0.44872
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.083534	0.153466	0.54	0.589	-0.22688	0.393948
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.293215	0.197091	1.49	0.145	-0.10544	0.691868
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	-0.30344	0.390095	-0.78	0.441	-1.09248	0.485601
Chisp (Hispanic—ref Black)	chisp	-0.56072	0.334941	-1.67	0.102	-1.23821	0.11676
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.6727	0.1874	-3.59	0.001	-1.05176	-0.29365
Cfemale (Female)	cfemale	0.482606	0.08674	5.56	0	0.307157	0.658055
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.418205	0.176585	2.37	0.023	0.061028	0.775383
_cons	_cons	1.136211	0.42492	2.67	0.011	0.276729	1.995692

NOTE: For this model only cases responding to the third follow-up survey were included. The same model (see D-2) is not significant when project 69 is included. SFA = Student Financial Aid file records; Ref = left out reference in dummy variable sequence. See table 5 in body or report for additional note information. Number of strata (v5no69st) = 27; Number of PSU (wprojid) = 66; Third follow-up non-response adjusted weight (f3wgtsu).

SOURCE: Data tabulated April 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04.

Table D-1a. Third follow-up survey responders only, includes Project 69, no SFA records, no standardization, Intent to Treat (ITT) logistic regression results for dependent variable of having evidence of entering postsecondary from survey only: National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

pr-T = 76.4 pr-C = 75.4 Difference = 1.0 NS psstu3	Variable name					95% Confidence Interval	
		Coef.	Linearized Std. Err.	t	P> t		
FFUTC (random assigned to treatment)	ffutc	0.141031	0.268171	0.53	0.602	-0.4014	0.683458
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	-0.59776	0.663163	-0.9	0.373	-1.93913	0.743614
Gr89293 (Grade 8 on baseline ref grade 9)	gr89293	-0.75743	0.266349	-2.84	0.007	-1.29617	-0.21869
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	-0.46113	0.426424	-1.08	0.286	-1.32365	0.401397
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-2.46243	0.934213	-2.64	0.012	-4.35205	-0.57281
Clowoy (Low income only)	clowoy	0.479191	0.358532	1.34	0.189	-0.24601	1.204391
Cfgenoy (First generation only)	cfgenoy	0.302686	0.208178	1.45	0.154	-0.11839	0.723767
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	0.138236	0.559293	0.25	0.806	-0.99304	1.269513
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.3085	0.376911	-0.82	0.418	-1.07088	0.45387
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.32094	0.582832	-0.55	0.585	-1.49983	0.857945
Cexdk (Baseline educational expectation was “don’t know” ---ref BA)	cexdk	-1.03927	0.112994	-9.2	0	-1.26782	-0.81072
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-2.45028	0.527662	-4.64	0	-3.51758	-1.38298
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-1.06833	0.287396	-3.72	0.001	-1.64964	-0.48702
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.70579	0.135953	-5.19	0	-0.98078	-0.4308
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.136026	0.126256	1.08	0.288	-0.11935	0.391403
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.115257	0.196742	0.59	0.561	-0.28269	0.513205
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	-0.22205	0.375809	-0.59	0.558	-0.98219	0.538097
Chisp (Hispanic—ref Black)	chisp	-0.17922	0.331225	-0.54	0.592	-0.84918	0.490748
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.56851	0.185982	-3.06	0.004	-0.94469	-0.19232
Cfemale (Female)	cfemale	0.492856	0.088764	5.55	0	0.313315	0.672398
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.690804	0.251563	2.75	0.009	0.18197	1.199639
_cons	_cons	1.453551	0.460216	3.16	0.003	0.522675	2.384426

NOTE: For this model only cases responding to the third follow-up survey were included. The same model (see D-1) is significant when project 69 is excluded. SFA = Student Financial Aid file records; Ref = left out reference in dummy variable sequence. See table 5 in body or report for additional note information. Number of strata (wprstco) = 28; Number of PSU (wprojid) = 67; Third follow-up non-response adjusted weight (f3wgtsu).

SOURCE: Data tabulated January 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04.

Table D-2. Fourth follow-up survey responders only, excludes Project 69, no SFA records, no standardization, Intent to Treat (ITT) logistic regression results for dependent variable of having evidence of entering postsecondary from survey only: National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

pr-T = 83.3 pr-C = 79.0 Difference = 4.3*** ps_stud	Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval		
	FFUTC (random assigned to treatment)	ffutc	0.337605	0.10175	3.32	0.002	0.131797	0.543413
	Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	1.30252	0.867437	1.5	0.141	-0.45204	3.057077
	Gr89293 (Grade 8 on baseline ref grade 9)	gr99293	0.879648	0.535513	1.64	0.109	-0.20353	1.962826
	Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	1.088942	0.812492	1.34	0.188	-0.55448	2.732363
	Gr119293 (Grade 11 on baseline ref grade 9)							
	Clowoy (Low income only)	clowoy	0.633752	0.364168	1.74	0.09	-0.10285	1.370352
	Cfgenoy (First generation only)	cfgenoy	0.814161	0.213126	3.82	0	0.383073	1.24525
	C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	-0.54535	0.767777	-0.71	0.482	-2.09833	1.007628
	C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.14976	0.495249	-0.3	0.764	-1.1515	0.851977
	C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-1.25548	0.864469	-1.45	0.154	-3.00403	0.493073
	Cexdk (Baseline educational expectation was “don’t know” ---ref BA)	cexdk	-0.97584	0.228482	-4.27	0	-1.43799	-0.5137
	Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-1.17703	0.385399	-3.05	0.004	-1.95657	-0.39749
	Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.64872	0.258846	-2.51	0.016	-1.17229	-0.12516
	cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.97565	0.27436	-3.56	0.001	-1.53059	-0.4207
	Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.025812	0.317701	0.08	0.936	-0.6168	0.668423
	Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.327316	0.210097	1.56	0.127	-0.09764	0.752276
	Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	0.32522	0.396929	0.82	0.418	-0.47765	1.128086
	Chisp (Hispanic—ref Black)	chisp	-0.44816	0.347514	-1.29	0.205	-1.15108	0.254751
	Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.72431	0.183085	-3.96	0	-1.09463	-0.35398
	Cfemale (Female)	cfemale	0.679909	0.129109	5.27	0	0.418763	0.941056
	Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.151738	0.235195	0.65	0.523	-0.32399	0.627465
	_cons	_cons	0.713349	0.251182	2.84	0.007	0.205287	1.221412

NOTE: Note this model is not significant when project 69 is included. For this model only cases responding to the fourth follow-up survey were included. SFA = Student Financial Aid file records; Ref = left out reference in dummy variable sequence. See table 5 in text for complete note information; Number of strata = 27; Number of PSU = 66; Fourth Follow-up non-response adjusted weight used (f3wgtstu).
SOURCE: Data tabulated January 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04.

Table D-2a. Fourth follow-up survey responders only, includes Project 69, no SFA records, no standardization, Intent to Treat (ITT) logistic regression results for dependent variable of having evidence of entering postsecondary from survey only: National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

pr-T = 80.4 pr-C = 80.1 Difference = .3NS	Variable name					95% Confidence Interval	
		Coef.	Linearized Std. Err.	t	P> t		
FFUTC (random assigned to treatment)	ffutc	0.084736	0.215254	0.39	0.696	-0.35066	0.520128
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	0.428275	1.020849	0.42	0.677	-1.63659	2.493137
Gr89293 (Grade 8 on baseline ref grade 9)	gr89293	-0.95684	0.402589	-2.38	0.022	-1.77115	-0.14252
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	0.383448	0.636128	0.6	0.55	-0.90324	1.670137
Gr119293 (Grade 11 on baseline ref grade 9)							
Clowoy (Low income only)	clowoy	0.593685	0.344787	1.72	0.093	-0.10371	1.291083
Cfgenoy (First generation only)	cfgenoy	0.681439	0.149827	4.55	0	0.378385	0.984493
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	-1.01867	0.809222	-1.26	0.216	-2.65548	0.618132
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.35362	0.382688	-0.92	0.361	-1.12768	0.420438
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-1.26615	0.817749	-1.55	0.13	-2.9202	0.387908
Cexdk (Baseline educational expectation was “don’t know” ---ref BA)	cexdk	-0.99535	0.18506	-5.38	0	-1.36967	-0.62103
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-1.11906	0.298769	-3.75	0.001	-1.72338	-0.51474
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.19011	0.49659	-0.38	0.704	-1.19455	0.814342
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.65298	0.375402	-1.74	0.09	-1.4123	0.106341
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.243658	0.311587	0.78	0.439	-0.38659	0.873903
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.245596	0.167969	1.46	0.152	-0.09415	0.585346
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	0.233535	0.377198	0.62	0.539	-0.52942	0.996489
Chisp (Hispanic—ref Black)	chisp	0.115153	0.462875	0.25	0.805	-0.8211	1.051406
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.48924	0.209367	-2.34	0.025	-0.91272	-0.06576
Cfemale (Female)	cfemale	0.647159	0.137993	4.69	0	0.368041	0.926277
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.553313	0.337405	1.64	0.109	-0.12915	1.235778
_cons	_cons	1.478867	0.45247	3.27	0.002	0.563661	2.394073

NOTE: This model is significant when project 69 is excluded. For this model only cases responding to the fourth follow-up survey were included. SFA = Student Financial Aid file records; Ref = left out reference in dummy variable sequence. See table 6 in text for complete note information; Number of strata = 27; Number of PSU = 66; Fourth follow-up survey non-response adjusted weight. (f3wgtsu).
SOURCE: Data tabulated January 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), US Department of Education: study conducted 1992-93 to 2003-04.

Table D-3. Fourth follow-up Longitudinal File, excludes project 69, uses SFA files, no standardization Intent to Treat (ITT) logistic regression results for dependent variable of having evidence of entering postsecondary from survey or Pell Award Longitudinal File (EHSY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

pr-T = 76.9 pr-C = 68.6 Difference = 8.3**** newpost v5bwgtp1	Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval	
FFUTC (random assigned to treatment)	ffutc	0.463618	0.099849	4.64	0	0.261655	0.665581
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	1.08042	0.58644	1.84	0.073	-0.10577	2.266607
Gr89293 (Grade 8 on baseline ref grade 9)	gr99293	0.409761	0.217525	1.88	0.067	-0.03023	0.849747
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	0.28351	0.604111	0.47	0.641	-0.93842	1.50544
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-1.91973	1.068992	-1.8	0.08	-4.08197	0.242508
Clowoy (Low income only)	clowoy	0.22122	0.243387	0.91	0.369	-0.27108	0.713517
Cfgenoy (First generation only)	cfgenoy	0.502117	0.167035	3.01	0.005	0.164257	0.839977
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	0.238785	0.557928	0.43	0.671	-0.88973	1.367301
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	0.126644	0.27933	0.45	0.653	-0.43835	0.691642
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-1.16844	0.556986	-2.1	0.042	-2.29505	-0.04183
Cexdk (Baseline educational expectation was “don’t know” ---ref BA)	cexdk	-0.75869	0.188105	-4.03	0	-1.13917	-0.37821
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-0.82877	0.223662	-3.71	0.001	-1.28117	-0.37637
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.84796	0.251484	-3.37	0.002	-1.35664	-0.33929
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.61834	0.179248	-3.45	0.001	-0.98091	-0.25578
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	-0.00142	0.19485	-0.01	0.994	-0.39555	0.392697
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.247364	0.167452	1.48	0.148	-0.09134	0.586067
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	-0.03242	0.330711	-0.1	0.922	-0.70134	0.636507
Chisp (Hispanic—ref Black)	chisp	-0.41865	0.338453	-1.24	0.224	-1.10323	0.265937
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.55126	0.136633	-4.03	0	-0.82763	-0.2749
Cfemale (Female)	cfemale	0.708592	0.091058	7.78	0	0.524409	0.892774
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.073842	0.173554	0.43	0.673	-0.2772	0.424889
_cons		0.302325	0.156342	1.93	0.06	-0.01391	0.618557

NOTE: This model is significant with and without project 69. Longitudinal file of all sample members; no standardization. SFA = Student Financial Aid file records; Ref = left out reference in dummy variable sequence. See table 6 in text for additional information; Number of strata = 27; Number of PSU = 66; Uses poststratified weight --v5bwgtp1

SOURCE: Data tabulated January 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04.

Table D-3a. Fourth follow-up Longitudinal File, includes project 69, uses SFA files, no standardization, Intent to Treat (ITT) logistic regression results for dependent variable of having evidence of entering postsecondary from survey or Pell Award Longitudinal File (EHSYG): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

pr-T = 74.6 pr-C = 69.3 Difference = 5.3** newpost v5bwgtp1	Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval	
FFUTC (random assigned to treatment)	ffutc	0.32958	0.145134	2.27	0.029	0.036019	0.623141
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	1.201728	0.601639	2	0.053	-0.0152	2.418659
Gr89293 (Grade 8 on baseline ref grade 9)	gr99293	0.614978	0.256851	2.39	0.022	0.095448	1.134508
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	1.581075	1.178788	1.34	0.188	-0.80325	3.965398
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-0.55819	1.482307	-0.38	0.709	-3.55645	2.440055
Clowoy (Low income only)	clowoy	0.192644	0.225623	0.85	0.398	-0.26372	0.64901
Cfgenoy (First generation only)	cfgenoy	0.586295	0.14419	4.07	0	0.294643	0.877946
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	-1.13846	1.183651	-0.96	0.342	-3.53262	1.255705
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.23374	0.352961	-0.66	0.512	-0.94767	0.480189
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-1.20102	0.536453	-2.24	0.031	-2.28609	-0.11594
Cexdk (Baseline educational expectation was “don’t know” ---ref BA)	cexdk	-0.76208	0.152513	-5	0	-1.07057	-0.4536
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-0.78848	0.174431	-4.52	0	-1.1413	-0.43566
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.9222	0.176962	-5.21	0	-1.28014	-0.56426
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.41154	0.212039	-1.94	0.06	-0.84043	0.017345
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.130265	0.176729	0.74	0.465	-0.2272	0.487732
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.009553	0.209893	0.05	0.964	-0.415	0.434102
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	0.033766	0.303158	0.11	0.912	-0.57943	0.646961
Chisp (Hispanic—ref Black)	chisp	-0.22797	0.240451	-0.95	0.349	-0.71433	0.258387
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.37358	0.144243	-2.59	0.013	-0.66533	-0.08182
Cfemale (Female)	cfemale	0.794426	0.109682	7.24	0	0.572573	1.016279
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.538958	0.369007	1.46	0.152	-0.20743	1.285344
_cons	_cons	0.067727	0.178514	0.38	0.706	-0.29335	0.428806

NOTE: This model is significant with and without project 69. Longitudinal file of all sample members; no standardization. SFA = Student Financial Aid file records; Ref = left out reference in dummy variable sequence. See table 6 in text for additional information; Number of strata = 28; Number of PSU = 67; Uses poststratified weight --v5bwgtp1

SOURCE: Data tabulated January 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education.

Table D-4. Third follow-up survey, survey responders only, excludes Project 69, includes standardization, Intent to Treat (ITT) logistic regression results for dependent variable of having evidence of entering postsecondary from survey or SFA file by +1 of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

pr-T = 77.8 pr-C = 70.0 Difference = 7.8**** --Keyne2 standardized by EHSGY	Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval	
FFUTC (random assigned to treatment)	ffutc	0.471848	0.145736	3.24	0.002	0.177069	0.766627
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	-0.20484	1.029489	-0.2	0.843	-2.28718	1.877502
Gr89293 (Grade 8 on baseline ref grade 9)	gr89293	-0.40037	0.238112	-1.68	0.101	-0.882	0.081255
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	-0.7047	0.478781	-1.47	0.149	-1.67312	0.263728
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-2.46541	0.978341	-2.52	0.016	-4.44429	-0.48653
Clowoy (Low income only)	clowoy	0.362786	0.317251	1.14	0.26	-0.27892	1.004488
Cfgenoy (First generation only)	cfgenoy	0.383814	0.245482	1.56	0.126	-0.11272	0.880347
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	0.193708	0.575234	0.34	0.738	-0.96981	1.357227
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.14841	0.279921	-0.53	0.599	-0.7146	0.417786
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.37578	0.777055	-0.48	0.631	-1.94752	1.195961
Cexdk (Baseline educational expectation was "don't know" ---ref BA)	cexdk	-0.9754	0.165755	-5.88	0	-1.31067	-0.64012
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-1.54376	0.451226	-3.42	0.001	-2.45645	-0.63107
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.87067	0.265627	-3.28	0.002	-1.40795	-0.33339
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.6131	0.152911	-4.01	0	-0.92239	-0.30381
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.166976	0.141145	1.18	0.244	-0.11852	0.452469
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.292371	0.153158	1.91	0.064	-0.01742	0.602162
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	-0.27156	0.327282	-0.83	0.412	-0.93355	0.390427
Chisp (Hispanic—ref Black)	chisp	-0.46167	0.337168	-1.37	0.179	-1.14366	0.220311
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.65014	0.197479	-3.29	0.002	-1.04958	-0.2507
Cfemale (Female)	cfemale	0.532785	0.105862	5.03	0	0.318658	0.746912
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	parbefor	0.376998	0.210911	1.79	0.082	-0.04961	0.803606
_cons	_cons	1.028935	0.411984	2.5	0.017	0.195618	1.862251

NOTE: For this model only cases responding to the Third Follow-up survey were included. Outcome variable is standardized. The same model (see D-5a) is marginally significant when project 69 is included. SFA = Student Financial Aid file records; Ref = left out reference in dummy variable sequence. See table 6 in body or report for additional note information. Number of strata (v5no69st) = 27; Number of PSU (wprojid) = 66; Third Follow-up non-response adjusted weight (f3wgtst).

SOURCE: Data tabulated May 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93-2003-04; federal Student Financial Aid (SFA) files 1994-95 to 2003-04.

Table D-4a. Third follow-up survey, survey responders only, includes Project 69, includes standardization, Intent to Treat (ITT) logistic regression results for dependent variable of having evidence of entering postsecondary from survey or SFA file of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

pr-T = 75.9 pr-C = 71.4 Difference = 4.6*--Keyne2 standardized by EHSGY	Variable name					95% Confidence Interval	
		Coef.	Linearized Std. Err.	t	P> t		
FFUTC (random assigned to treatment)	Ffutc	0.318136	0.17791	1.79	0.082	-0.04172	0.677992
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	-0.56832	0.947441	-0.6	0.552	-2.48471	1.348057
Gr89293 (Grade 8 on baseline ref grade 9)	gr89293	-0.78901	0.382443	-2.06	0.046	-1.56257	-0.01544
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	-0.67931	0.48134	-1.41	0.166	-1.65292	0.294287
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-2.2214	1.02137	-2.17	0.036	-4.28731	-0.15548
Clowoy (Low income only)	Clowoy	0.378319	0.343516	1.1	0.278	-0.31651	1.073144
Cfgenoy (First generation only)	Cfgenoy	0.275751	0.222008	1.24	0.222	-0.1733	0.724804
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	-0.29124	0.686345	-0.42	0.674	-1.6795	1.097028
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.50922	0.399144	-1.28	0.21	-1.31656	0.298126
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.33268	0.734281	-0.45	0.653	-1.8179	1.152547
Cexdk (Baseline educational expectation was “don’t know” ---ref BA)	Cexdk	-0.87859	0.166817	-5.27	0	-1.21601	-0.54117
Cexhs (Baseline educational expectation was high school only---ref BA)	Cexhs	-2.0257	0.624246	-3.25	0.002	-3.28836	-0.76305
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-1.00957	0.206954	-4.88	0	-1.42817	-0.59097
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.71782	0.157606	-4.55	0	-1.03661	-0.39903
Cexma (Baseline educational expectation was Masters Degree---refer BA)	Cexma	0.074933	0.155035	0.48	0.632	-0.23865	0.388519
Cexphd (Baseline educational expectation was PhD---ref BA)	Cexphd	0.027615	0.23187	0.12	0.906	-0.44139	0.496615
Cothrac (Race was not Hispanic, Black, or White—ref Black)	Cothrac	-0.21328	0.329648	-0.65	0.521	-0.88006	0.453496
Chisp (Hispanic—ref Black)	Chisp	-0.32536	0.219513	-1.48	0.146	-0.76937	0.118642
Cwhite (Race was White, not Hispanic—ref Black)	Cwhite	-0.56228	0.191528	-2.94	0.006	-0.94968	-0.17488
Cfemale (Female)	Cfemale	0.547214	0.092548	5.91	0	0.360018	0.734409
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	Parbefor	0.44684	0.160402	2.79	0.008	0.122397	0.771284
_cons	_cons	1.47975	0.527458	2.81	0.008	0.412865	2.546635

NOTE: For this model only cases responding to the third follow-up survey were included. Outcome variable is standardized. SFA = Student Financial Aid file records; Ref = left out reference in dummy variable sequence. See table 6 in body or report for additional note information. Number of strata (wprstco) = 28; Number of PSU (wprojid) = 67; Third follow-up non-response adjusted weight (f3wgtstu).

SOURCE: Data tabulated May 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04; federal Student Financial Aid (SFA) files 1994-95 to 2003-04.

Table D-5 Third follow-up, survey responders only, excludes Project 69, includes standardization, Instrumental Variables regression (TOT) results for dependent variable of having evidence of entering postsecondary from survey or SFA file of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

pr-T = 78.2 pr-C = 65.6 Difference = 12.6*** Keyne2 standardized by EHSGY	Variable name					95% Confidence Interval	
		Coef.	Linearized Std. Err.	t	P> t		
xnewgp (evidence had some participation in UB or UBMS)	Xnewgp	0.12093	0.041916	2.89	0.006	0.036147	0.205712
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	-0.05136	0.163701	-0.31	0.755	-0.38248	0.279756
Gr89293 (Grade 8 on baseline ref grade 9)	gr89293	-0.06701	0.044185	-1.52	0.137	-0.15638	0.02236
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	-0.11024	0.097094	-1.14	0.263	-0.30663	0.086156
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-0.37186	0.164149	-2.27	0.029	-0.70388	-0.03984
Clowoy (Low income only)	Clowoy	0.058254	0.050461	1.15	0.255	-0.04381	0.16032
Cfgenoy (First generation only)	Cfgenoy	0.066584	0.044515	1.5	0.143	-0.02346	0.156623
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	0.030226	0.116421	0.26	0.797	-0.20526	0.26571
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.01582	0.051378	-0.31	0.76	-0.11974	0.088105
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.04571	0.121014	-0.38	0.708	-0.29049	0.199061
Cexdk (Baseline educational expectation was “don’t know” ---ref BA)	Cexdk	-0.21047	0.040112	-5.25	0	-0.29161	-0.12934
Cexhs (Baseline educational expectation was high school only---ref BA)	Cexhs	-0.3324	0.104278	-3.19	0.003	-0.54332	-0.12148
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.19009	0.061876	-3.07	0.004	-0.31525	-0.06494
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.12471	0.031524	-3.96	0	-0.18847	-0.06095
Cexma (Baseline educational expectation was Masters Degree---refer BA)	Cexma	0.026265	0.02443	1.08	0.289	-0.02315	0.07568
Cexphd (Baseline educational expectation was PhD---ref BA)	Cexphd	0.043174	0.023858	1.81	0.078	-0.00508	0.091431
Cothrac (Race was not Hispanic, Black, or White—ref Black)	Cothrac	-0.04565	0.061107	-0.75	0.46	-0.16925	0.077949
Chisp (Hispanic—ref Black)	Chisp	-0.08405	0.066721	-1.26	0.215	-0.219	0.050908
Cwhite (Race was White, not Hispanic—ref Black)	Cwhite	-0.11131	0.039783	-2.8	0.008	-0.19178	-0.03085
Cfemale (Female)	Cfemale	0.105072	0.020994	5	0	0.062607	0.147537
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	Parbefor	0.057645	0.035567	1.62	0.113	-0.0143	0.129587
_cons	_cons	0.695867	0.08441	8.24	0	0.525132	0.866603

NOTE: For this model only cases responding to the third follow-up survey were included. Outcome variable is standardized. SFA = Student Financial Aid file records; Ref = left out reference in dummy variable sequence. See table 6 in body or report for additional note information. Number of strata (wprstco) = 28; Number of PSU (wprojid) = 67; Third Follow-up non-response adjusted weight (f3wgtu).

SOURCE: Data tabulated May 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04; federal Student Financial Aid (SFA) files 1994-95 to 2003-04.

Table D-5a. Third follow-up survey, survey responders only, includes Project 69, includes standardization, Instrumental Variables regression (TOT) results for dependent variable of having evidence of entering postsecondary from survey or SFA file of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

pr-T = 76.0 pr-C = 68.2 Difference = 8.2 NS .11 Keyne2 standardized by EHSGY	Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval	
xnewgp (evidence had some participation in UB or UBMS)	xnewgp	0.079566	0.049383	1.61	0.115	-0.02032	0.179453
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	-0.1101	0.148731	-0.74	0.464	-0.41093	0.19074
Gr89293 (Grade 8 on baseline ref grade 9)	gr89293	-0.13549	0.049163	-2.76	0.009	-0.23493	-0.03605
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	-0.11446	0.096604	-1.18	0.243	-0.30986	0.080939
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-0.37385	0.164861	-2.27	0.029	-0.70731	-0.04039
Clowoy (Low income only)	clowoy	0.060933	0.05433	1.12	0.269	-0.04896	0.170826
Cfgenoy (First generation only)	cfgenoy	0.046977	0.039249	1.2	0.239	-0.03241	0.126365
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	-0.05445	0.121787	-0.45	0.657	-0.30079	0.191882
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.08505	0.055154	-1.54	0.131	-0.19661	0.026505
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.04671	0.116594	-0.4	0.691	-0.28255	0.189119
Cexdk (Baseline educational expectation was “don’t know” ---ref BA)	cexdk	-0.18175	0.043381	-4.19	0	-0.2695	-0.09401
Cexhs (Baseline educational expectation was high school only---ref BA)	cexhs	-0.44227	0.13162	-3.36	0.002	-0.70849	-0.17604
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.20448	0.044165	-4.63	0	-0.29381	-0.11515
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.14424	0.02802	-5.15	0	-0.20091	-0.08756
Cexma (Baseline educational expectation was Masters Degree---refer BA)	cexma	0.014779	0.026204	0.56	0.576	-0.03822	0.067781
Cexphd (Baseline educational expectation was PhD---ref BA)	cexphd	0.003308	0.035543	0.09	0.926	-0.06858	0.0752
Cothrac (Race was not Hispanic, Black, or White—ref Black)	cothrac	-0.03762	0.063098	-0.6	0.554	-0.16525	0.090009
Chisp (Hispanic—ref Black)	chisp	-0.0598	0.04181	-1.43	0.161	-0.14437	0.024766
Cwhite (Race was White, not Hispanic—ref Black)	cwhite	-0.10072	0.039535	-2.55	0.015	-0.18069	-0.02076
Cfemale (Female)	cfemale	0.108196	0.019756	5.48	0	0.068236	0.148156
Parbefor (Reported participated in other pre- college supplemental services before random assignment)	parbefor	0.068257	0.026527	2.57	0.014	0.0146	0.121913
_cons	_cons	0.787128	0.085408	9.22	0	0.614374	0.959882

NOTE: For this model only cases responding to the third follow-up survey were included. Outcome variable is standardized. SFA = Student Financial Aid file records; Ref = left out reference in dummy variable sequence. See table 6 in body or report for additional note information. Number of strata (wprstco) = 28; Number of PSU (wprojid) = 67; Third follow-up non-response adjusted weight (f3wgtstu).

SOURCE: Data tabulated May 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04; federal Student Financial Aid (SFA) files 1994-95 to 2003-04.

Table D-6. Third follow-up, survey responders only, includes Project 69, Instrumental Variables regression (TOT) results for dependent variable of having evidence of entering postsecondary from survey no standardization: National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

xb-T = 75.4 xb-C = 71.7 Difference = 3.7 NS Pweight = f3wgtstu Psstu3	Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval	
xnewgp (evidence had some participation in UB or UBMS)	Xnewgp	0.032015	0.067863	0.47	0.64	-0.10525	0.169281
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	-0.0986	0.097035	-1.02	0.316	-0.29488	0.097668
Gr89293 (Grade 8 on baseline ref grade 9)	gr89293	-0.1198	0.022705	-5.28	0	-0.16573	-0.07388
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	-0.07644	0.072907	-1.05	0.301	-0.22391	0.071023
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-0.44269	0.122826	-3.6	0.001	-0.69113	-0.19425
Clowoy (Low income only)	Clowoy	0.07375	0.050999	1.45	0.156	-0.02941	0.176905
Cfgenoy (First generation only)	Cfgenoy	0.049848	0.035698	1.4	0.17	-0.02236	0.122053
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	0.036368	0.082454	0.44	0.662	-0.13041	0.203148
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.0463	0.044216	-1.05	0.302	-0.13573	0.043138
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.05032	0.091234	-0.55	0.584	-0.23486	0.134213
Cexdk (Baseline educational expectation was “don’t know” ---ref BA)	Cexdk	-0.21359	0.029249	-7.3	0	-0.27276	-0.15443
Cexhs (Baseline educational expectation was high school only---ref BA)	Cexhs	-0.51924	0.100293	-5.18	0	-0.7221	-0.31637
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.21884	0.062181	-3.52	0.001	-0.34461	-0.09307
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.13191	0.029941	-4.41	0	-0.19247	-0.07135
Cexma (Baseline educational expectation was Masters Degree---refer BA)	Cexma	0.021932	0.02081	1.05	0.298	-0.02016	0.064023
Cexphd (Baseline educational expectation was PhD---ref BA)	Cexphd	0.016635	0.029403	0.57	0.575	-0.04284	0.076108
Cothrac (Race was not Hispanic or Black or White—ref Black)	Cothrac	-0.03536	0.07011	-0.5	0.617	-0.17717	0.106448
Chisp (Hispanic—ref Black)	Chisp	-0.03149	0.057064	-0.55	0.584	-0.14691	0.083933
Cwhite (Race was White, not Hispanic—ref Black)	Cwhite	-0.10203	0.035308	-2.89	0.006	-0.17345	-0.03061
Cfemale (Female)	Cfemale	0.090886	0.021805	4.17	0	0.046781	0.13499
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	Parbefor	0.104119	0.0359	2.9	0.006	0.031505	0.176734
_cons	_cons	0.786003	0.071313	11.02	0	0.641759	0.930247

NOTE: For this model only cases responding to the third follow-up survey were included. Outcome variable is not standardized. The same model is significant when project 69 is excluded. Ref = left out reference in dummy variable sequence. See table 5 in body or report for additional note information. Number of strata (wprstco) = 28; Number of PSU (wprojid) = 67; Third follow-up non-response adjusted weight (f3wgtstu).

SOURCE: Data tabulated September 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04.

Table D-7. Third follow-up survey responders only, excludes Project 69, includes standardization, Intent to Treat (ITT) logistic regression results for dependent variable of appearing on federal financial aid file as applicant within +1 (18 months) of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

pr-T = 67.2 pr-C = 60.7 Difference =6.5** --kaidhs standardized by EHSGY	Variable name	Coef.	Linearized Std. Err.	t	P> t	95% Confidence Interval	
FFUTC (random assigned to treatment)	Ffutc	0.335097	0.131333	2.55	0.015	0.069451	0.600744
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	-0.62925	0.847138	-0.74	0.462	-2.34275	1.084246
Gr89293 (Grade 8 on baseline ref grade 9)	gr89293	-0.62684	0.247231	-2.54	0.015	-1.12691	-0.12676
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	-0.2284	0.584013	-0.39	0.698	-1.40968	0.952875
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-1.97727	1.054882	-1.87	0.068	-4.11097	0.15643
Clowoy (Low income only)	Clowoy	0.076876	0.252053	0.3	0.762	-0.43295	0.5867
Cfgenoy (First generation only)	Cfgenoy	0.182671	0.23071	0.79	0.433	-0.28398	0.649325
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	-0.04901	0.667762	-0.07	0.942	-1.39969	1.301666
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.29504	0.275853	-1.07	0.291	-0.853	0.262927
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	-0.11524	0.590867	-0.2	0.846	-1.31038	1.079904
Cexdk (Baseline educational expectation was “don’t know” ---ref BA)	Cexdk	-0.94322	0.223889	-4.21	0	-1.39608	-0.49037
Cexhs (Baseline educational expectation was high school only---ref BA)	Cexhs	-1.46153	0.309387	-4.72	0	-2.08732	-0.83573
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-0.61096	0.2129	-2.87	0.007	-1.04159	-0.18033
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-0.74734	0.123378	-6.06	0	-0.9969	-0.49779
Cexma (Baseline educational expectation was Masters Degree---refer BA)	Cexma	0.152594	0.122309	1.25	0.22	-0.0948	0.399988
Cexphd (Baseline educational expectation was PhD---ref BA)	Cexphd	0.133778	0.092662	1.44	0.157	-0.05365	0.321205
Cothrac (Race was not Hispanic, Black, or White—ref Black)	Cothrac	-0.06428	0.26635	-0.24	0.811	-0.60302	0.474468
Chisp (Hispanic—ref Black)	Chisp	-0.41505	0.263606	-1.57	0.123	-0.94824	0.118145
Cwhite (Race was White, not Hispanic—ref Black)	Cwhite	-0.60977	0.199767	-3.05	0.004	-1.01384	-0.20571
Cfemale (Female)	Cfemale	0.523694	0.129561	4.04	0	0.261633	0.785755
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	Parbefor	0.200495	0.114352	1.75	0.087	-0.0308	0.431794
_cons	_cons	0.869016	0.372415	2.33	0.025	0.115735	1.622297

NOTE: For this model only cases responding to the third follow-up survey were included. Outcome variable is standardized. The same model (see D-6a) is not significant when project 69 is included. SFA = Student Financial Aid file records; Ref = left out reference in dummy variable sequence. See table 5 in body or report for additional note information. Number of strata (v5no69st) = 27; Number of PSU (wprojid) = 66; Third follow-up non-response adjusted weight (f3wgtsu).

SOURCE: Data tabulated May 2008 using: National Evaluation of Upward Bound data files, study sponsored by the Policy and Program Studies Services (PPSS), of the Office of Planning, Evaluation and Policy Development (OPEPD), U.S. Department of Education: study conducted 1992-93 to 2003-04; federal Student Financial Aid (SFA) files 1994-95 to 2003-04.

Table D-8. Third follow-up survey responders only, not longitudinal file, includes Project 69, includes standardization, Intent to Treat (ITT) logistic regression results for dependent variable of appearing on federal financial aid file as applicant within +1 (18 months) of expected high school graduation year (EHSGY): National Evaluation of Upward Bound, study conducted 1992-93 to 2003-04

pr-T = 62.0 pr-C = 59.1 Difference = 2.8 NS kaidhs	Variable name					95% Confidence Interval	
		Coef.	Linearized Std. Err.	t	P> t		
FFUTC (random assigned to treatment)	Ffutc	0.201285	0.15696	1.28	0.207	-0.1162	0.518766
Gr79293 (Grade 7 on baseline ref grade 9)	gr79293	-0.99231	0.683285	-1.45	0.154	-2.37438	0.389767
Gr89293 (Grade 8 on baseline ref grade 9)	gr89293	-1.1552	0.502105	-2.3	0.027	-2.1708	-0.1396
Gr109293 (Grade 10 on baseline ref grade 9)	gr109293	0.041714	0.619753	0.07	0.947	-1.21185	1.295282
Gr119293 (Grade 11 on baseline ref grade 9)	gr119293	-1.45371	1.128657	-1.29	0.205	-3.73664	0.829212
Clowoy (Low income only)	Clowoy	0.268405	0.305969	0.88	0.386	-0.35048	0.887286
Cfgenoy (First generation only)	Cfgenoy	0.176501	0.176561	1	0.324	-0.18063	0.533629
C11gssf (Grade was 11 on student selection form—ref grade 9)	c11gssf	-0.79206	0.880256	-0.9	0.374	-2.57255	0.988424
C10gssf (Grade was 10 on student selection form—ref grade 9)	c10gssf	-0.8853	0.549069	-1.61	0.115	-1.99589	0.225298
C8gssfm (Grade was 8 on student selection form—ref grade 9)	c8gssfm	0.067778	0.495135	0.14	0.892	-0.93373	1.069283
Cexdk (Baseline educational expectation was “don’t know” ---ref BA)	Cexdk	-0.80728	0.22559	-3.58	0.001	-1.26358	-0.35098
Cexhs (Baseline educational expectation was high school only---ref BA)	Cexhs	-1.76048	0.435647	-4.04	0	-2.64166	-0.87931
Cex13v (Baseline educational expectation was vocational---ref BA)	cex13v	-1.0296	0.312666	-3.29	0.002	-1.66202	-0.39717
cex14aa (Baseline educational expectation was two-year---ref BA)	cex14aa	-1.00794	0.260691	-3.87	0	-1.53524	-0.48065
Cexma (Baseline educational expectation was Masters Degree---refer BA)	Cexma	0.18785	0.094023	2	0.053	-0.00233	0.37803
Cexphd (Baseline educational expectation was PhD---ref BA)	Cexphd	-0.16609	0.226026	-0.73	0.467	-0.62327	0.291092
Cothrac (Race was not Hispanic, Black, or White—ref Black)	Cothrac	0.37531	0.391083	0.96	0.343	-0.41573	1.166349
Chisp (Hispanic—ref Black)	Chisp	-0.08086	0.254593	-0.32	0.752	-0.59582	0.434104
Cwhite (Race was White, not Hispanic—ref Black)	Cwhite	-0.18963	0.315171	-0.6	0.551	-0.82712	0.447861
Cfemale (Female)	Cfemale	0.650257	0.197571	3.29	0.002	0.250632	1.049883
Parbefor (Reported participated in other pre-college supplemental services before random assignment)	Parbefor	0.344947	0.130587	2.64	0.012	0.080809	0.609084
_cons	_cons	1.012604	0.38979	2.6	0.013	0.22418	1.801029

NOTE: For this model only cases responding to the third Follow-up survey were included. Outcome variable is standardized. The same model (see D-6) is significant when project 69 is included. SFA = Student Financial Aid file records; Ref = left out reference in dummy variable sequence. See table 6 in body or report for additional note information. Number of strata (wprstco) = 28; Number of PSU (wprojid) = 67; Third Follow-up non-response adjusted weight (f3wgtu).

SOURCE: Data tabulated (May 2008) by Policy and Program Studies Services (PPSS) using data from the, National Evaluation of Upward Bound, as applicable, study files baseline through fifth follow-up; Federal Student Financial Aid (SFA) files: 1994-95 to 2003-04.

