

Student Success Council and IR

Logistical Regression Project on Retention and Graduation for 2006, 2007, and 2008 cohorts (combined)

Independent Variable	R-Sq .3367			R-Sq .3169			R-Sq .4344		
	2nd Semester			4-Yr Graduation			6-Yr Graduation		
	Coef	P	Odds Ratio	Coef	P	Odds Ratio	Coef	P	Odds Ratio
Intercept	-5.4304 ***		0.004	-8.0142 ***		0	-6.5716 ***		0.001
Gender	-0.3041		0.738	-0.2208		0.802	-0.3602 **		0.698
African American	0.1462		1.157	-0.1503		0.86	0.2359		1.266
Diploma Type	0.2419		1.274	0.3531		1.424	0.5263 **		1.693
High School GPA	0.5648 **		1.759	0.2892 *		1.335	-0.1331		0.875
SAT Math	-0.00231 *		0.998	0.000031		1	-0.0018 **		0.998
1st Year UnMet Need	-0.0003 ***		1	-0.00007 **		1	-0.0001 ***		1
1st Major	0.1068		1.113	0.383 **		1.467	0.3366 **		1.4
1st Year Pell	0.8909 ***		2.437	0.0649		1.067	0.1795		1.197
Lived on-campus	0.4135 **		1.512	0.3886 **		1.475	0.2034		1.226
1st Year Cum GPA	1.7229 ***		5.601	0.1118		1.118	-0.4075 **		0.665
Cumulative GPA	0.6668 **		1.948	1.6992 ***		5.469	2.9333 ***		18.79
Probation Count	1.1342 ***		3.109	-0.433		0.649	-0.0188		0.981
Dismissal Count	0.6743 ***		1.963	-1.0945		0.335	-0.9324 **		0.394
No. of CrHrs with F	0.1542 ***		1.167	-0.1099 ***		0.896	0.0108		1.011

* p=.05

** p=.01

*** p<.0001

