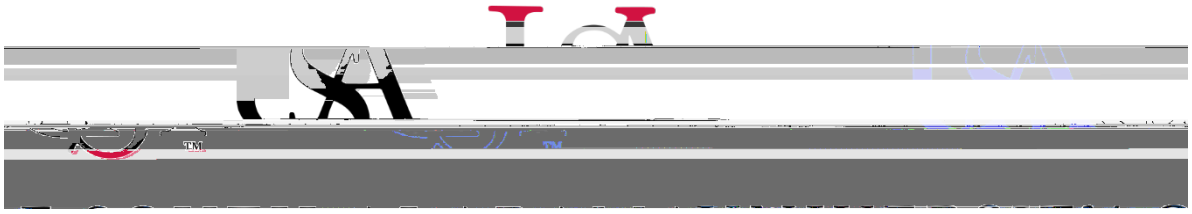


2020 Freshman Cohort Retention Report

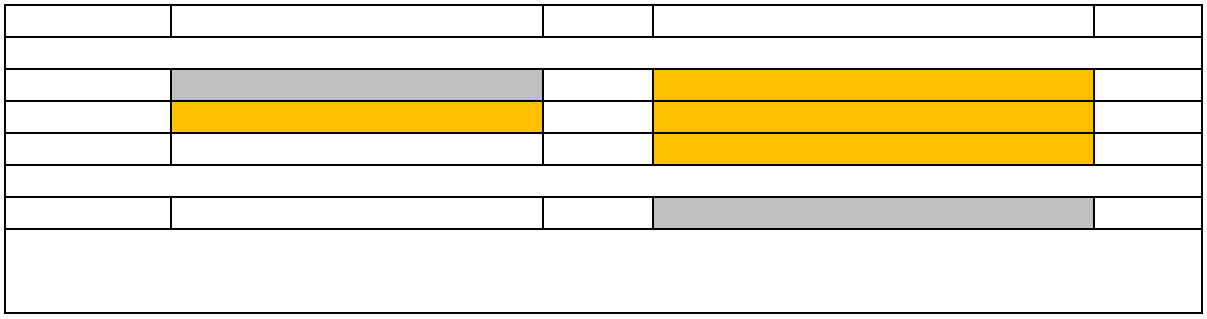
Executive Summary
This report

students who took a FYE course (70%) returned at a lower rate compared to students who did not take a FYE course (74%).

Lastly, students who participated in Greek life (91%) returned at a higher rate than the overall cohort (71%). The mean difference between retention of students who participated in Greek life and students who did not participate in Greek life was statistically significant (see Appendix: Independent T-Test Tables).

Outcome Variables Midway Through or After Fall 2020 Cross Tabular Results

Outcome variables incorporated into this analysis that were known midway through or after Fall 2020 included the number of at-risk midterm grades (D, F, or U) a student had in Fall 2020 and whether the student was placed on probation after Fall 2020 (see Table 3). Students who had two or



through 5) than for a student who attended either the August session, transfer session, or an unknown orientation session.

The choice of housing as well as participation in an FYE course and participation in Greek life were significant in the model. Students who selected to liv (de)-1.7 (n)10 0 Tw -37.212 5 li(fe3 (s)8.6 (y (fe3 x8t)6.2 (r)-3.9 (a)

student with fewer at-risk midterm grades in Fall 2020 than a student who had four or more at-risk midterm grades in Fall 2020.

Model 4: Logistic Regression with USA Hours Earned after Summer 2021

The fourth model included the USA hours earned after the end of the summer 2021 semester. The comparison group selected for the fourth model was zero to six hours earned after the end of the Summer 2021 semester. Since the fourth model only included one variable, the model consisted of one step (see Appendix: Logistic Regression Tables). The correct classification rate for the fourth model for returning students was 96.3% and the correct classification rate for students who did not return was 67.4%. The overall correct classification rate for the fourth model was 88.3%.

The fourth model showed the odds (Exp B) of a student returning was greater for a student with 6.5-12 or more hours earned (6.5-12=2.000, 12.5-18=6.118, 18.5-24=31.795, 24.5-30=101.515, and 30.5 or more=398.788) than for a student with six or fewer hours earned at the end of Summer 2021. Additionally, the confidence intervals (95%) indicated the odds of a student returning was greater for a student in the four higher USA hours earned comparison groups than for a student with zero to six USA BA, ts tTw [(w)6trtn sr show.6 (s)-13.3(e)-1.6 (r)-496 (i)6.6 (s)-13.edompatonfsh6urP 4 (s)-[(hour (ud)10.86 (g)10.tn)-

Finally, results showed students who received four or more at-risk midterm grades (D, F, or U) in the Fall 2020

APPENDIX

2020 Freshman Cohort Retention Report Cross Tabs

2020 Cohort * Gender * One-Year Retention Crosstabulation

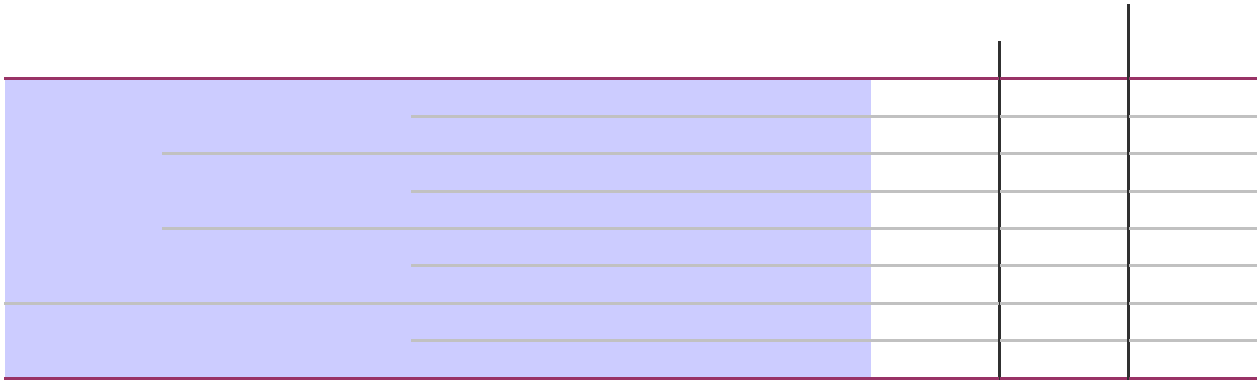
			One-Year Retention		
			No	Yes	Total
Gender	Female	Count	263	701	964
		% within Gender	27.3%	72.7%	100.0%
	Male	Count	185	395	580
		% within Gender	31.9%	68.1%	100.0%
Total		Count	448	1096	1544
		% within Gender	29.0%	71.0%	100.0%

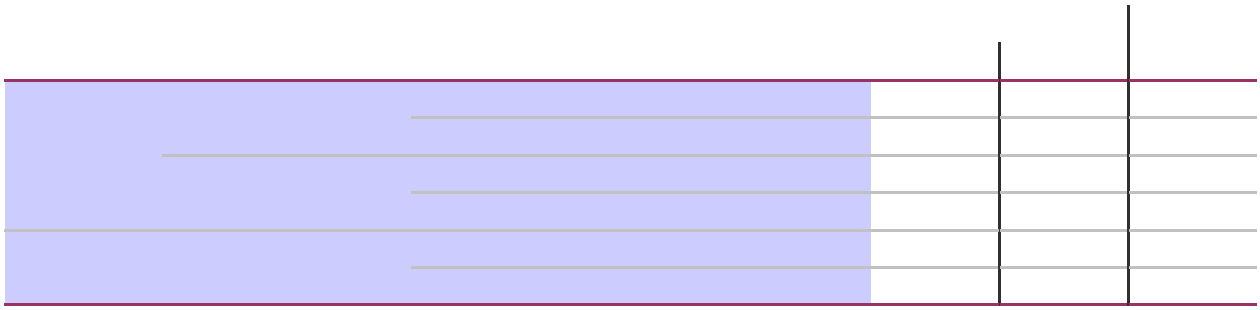
2020 Cohort * Race * One-Year Retention Crosstabulation

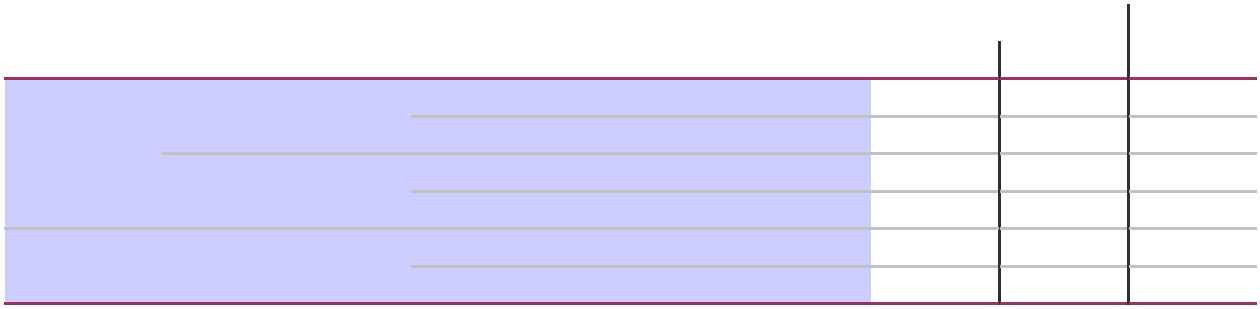
			One-Year Retention		
			No	Yes	Total
Race	White	Count	254	668	922
		% within Race	27.55%	72.45%	100.0%
	Ah7/.9ri7*T 0 Tc 9 8.7 (				

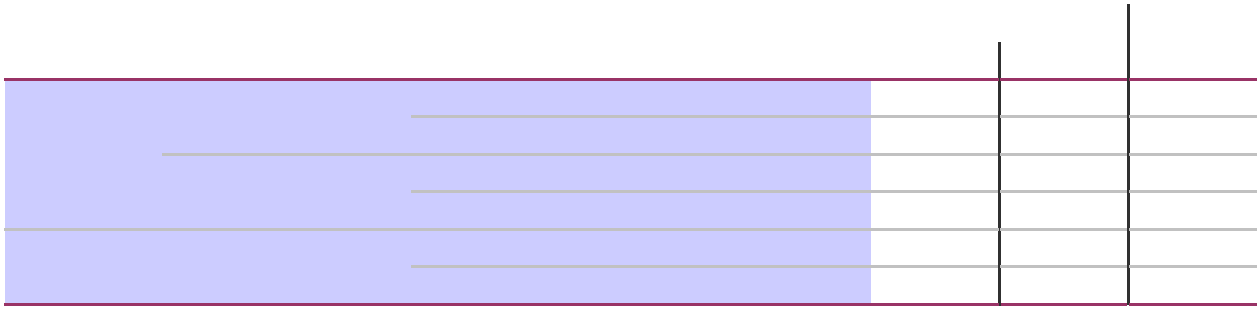
2020 Cohort * Orientation * One-Year Retention Crosstabulation

			One-Year Retention		
			No	Yes	Total
Orientation	August/Transfer/ Other/Unknown	Count	35	29	64
		% within Orientation	54.7%	45.3%	100.0%
	May Freshman Orientation	Count	5	18	23
		% within Orientation	21.7%	78.3%	100.0%
	Freshman Session 1	Count	22	145	167
		% within Orientation	13.2%	86.8%	100.0%
	Freshman Session 2	Count	33	149	182
		% within Orientation	18.1%	81.9%	100.0%
	Freshman Session 3	Count	39	141	180
		% within Orientation	21.7%	78.3%	100.0%
	Freshman Session 4	Count	41	133	174
		% within Orientation	23.6%	76.4%	100.0%
	Freshman Session 5	Count	31	126	157
		% within Orientation	19.7%	80.3%	100.0%
	Freshman Session 6	Count	52	99	151
		% within Orientation	34.4%	65.6%	100.0%
	Freshman Session 7	Count	58	96	154
		% within Orientation	37.7%	62.3%	100.0%
	Freshman Session 8	Count	50	64	114
		% within Orientation	43.9%	56.1%	100.0%
	Freshman Session 9	Count	31	48	79
		% within Orientation	39.2%	60.8%	100.0%
	Freshman Session 10	Count	51	48	99
		% within Orientation	51.52%	48.48%	100.0%
Total		Count	448	1096	1544
		% within Orientation	29.0%	71.0%	100.0%









2020 Freshman Cohort Retention Report Cross Tabs

2020 Cohort * Housing * One-Year Retention Crosstabulation

			One-Year Retention		
			No	Yes	Total
Housing	Off-Campus	Count	224	438	662
		% within Housing	33.8%	66.2%	100.0%
	On-Campus	Count	224	658	882
		% within Housing	25.4%	74.6%	100.0%
Total		Count	448	1096	1544
		% within Housing	29.0%	71.0%	100.0%

2020 Cohort * Learning Community * One-Year Retention Crosstabulation

			One-Year Retention		
			No	Yes	Total
Learning Community	No	Count	119	224	343
		% within Learning Community	34.7%	65.3%	100.0%
	Yes	Count	329	872	1201
		% within Learning Community	27.4%	72.6%	100.0%
Total		Count	448	1096	1544
		% within Learning Community	29.0%	71.0%	100.0%

2020 Cohort * Took First Year Experience Course * One-Year Retention Crosstabulation

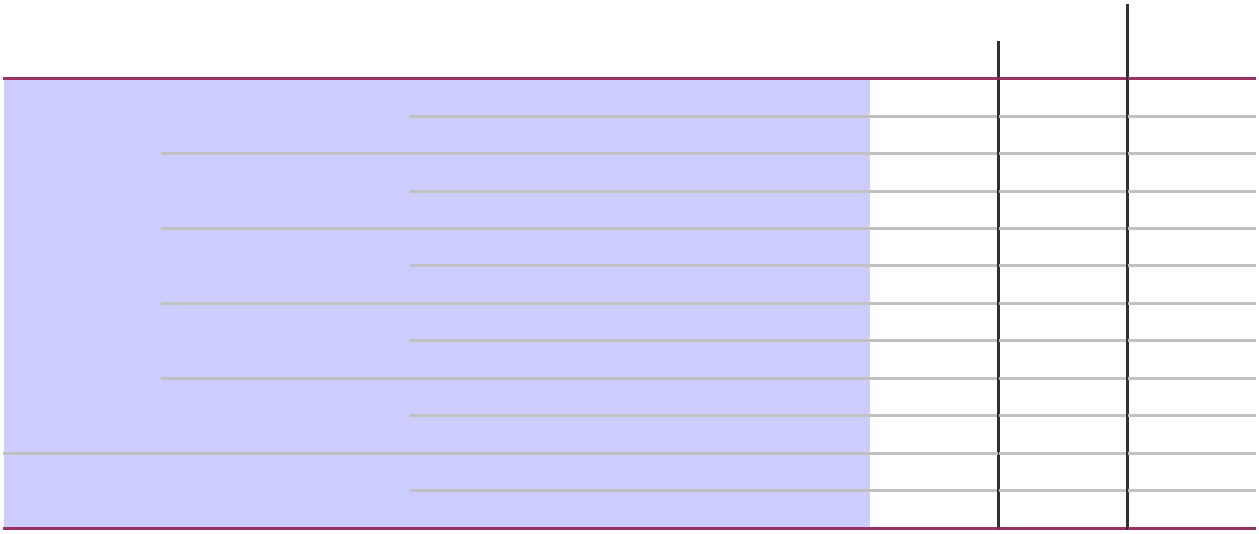
			One-Year Retention		
			No	Yes	Total
Took FYE Course	No	Count	118	337	455
		% within Took FYE Course	25.9%	74.1%	100.0%
	Yes	Count	330	759	1089
		% within Took FYE Course	30.3%	69.7%	100.0%
Total		Count	448	1096	1544
		% within Took FYE Course	29.0%	71.0%	100.0%

2020 Cohort * Greek Life Participation * One-Year Retention Crosstabulation

			One-Year Retention		
			No	Yes	Total
Greek Life Participation	No	Count	432	938	1370
		% within Greek Life Participation	31.53%	68.47%	100.0%
	Yes	Count	16	158	174
		% within Greek Life Participation	9.2%	90.8%	100.0%
Total		Count	448	1096	1544
		% within Greek Life Participation	29.0%	71.0%	100.0%

2020 Freshman Cohort Retention Report Cross Tabs

2020 Cohort * USA GPA After Summer 2021 * One-Year Retention Crosstabulation



2020 Cohort * Group Statistics

One-Year Retention		N	Mean	Std. Deviation	Std. Error Mean
Gender	No	448	0.59	0.493	0.023
	Yes	1096	0.64	0.480	0.015
Freshman Scholarship	No	448	0.52	0.500	0.024
	Yes	1096	0.72	0.451	0.014
Pell Grant	No	448	0.45	0.498	0.024
	Yes	1096	0.34	0.474	0.014
Subsidized Stafford Loan	No	448	0.44	0.497	0.023
	Yes	1096	0.34	0.473	0.014
Received Test Fee Waiver	No	448	0.17	0.380	0.018
	Yes	1096	0.09	0.281	0.009
Housing	No	448	0.50	0.501	0.024
	Yes	1096	0.60	0.490	0.015
Learning Community	No	448	0.73	0.442	0.021
	Yes	1096	0.80	0.403	0.012
Took FYE Course	No	448	0.74	0.441	0.021
	Yes	1096	0.69	0.462	0.014
Greek Life Participation	No	448	0.04	0.186	0.009
	Yes	1096	0.14	0.351	0.011
Probation After Fall 2020	No	448	0.27	0.446	0.021
	Yes	1096	0.06	0.246	0.007

2020 Cohort * Independent Samples Test

		Equality of Variances		t-test for Equality of Means							
						Significance				95% Confidence	
		F	Sig.	t	df	One-Sided p	Two-Sided p	Mean Difference	Std. Error Difference	Lower	Upper
Gender	Equal variances assumed	12.103	0.001	-1.936	1542	0.027	0.053	-0.053	0.027	-0.106	0.001
	Equal variances not assumed			-1.915	811.459	0.028	0.056	-0.053	0.027	-0.106	0.001
Freshman Scholarship	Equal variances assumed	100.134	0.000	-7.555	1542	0.000	0.000	-0.197	0.026	-0.249	-0.146
	Equal variances not assumed			-7.237	759.809	0.000	0.000	-0.197	0.027	-0.251	-0.144
Pell Grant	Equal variances assumed	37.474	0.000	3.898	1542	0.000	0.000	0.105	0.027	0.052	0.158
	Equal variances not assumed			3.820	795.806	0.000	0.000	0.105	0.028	0.051	0.159
Subsidized Stafford Loan	Equal variances assumed	36.333	0.000	3.758	1542	0.000	0.000	0.101	0.027	0.048	0.154
	Equal variances not assumed			3.682	795.523	0.000	0.000	0.101	0.027	0.047	0.155
Received Test Fee Waiver	Equal variances assumed	94.542	0.000	4.979	1542	0.000	0.000	0.087	0.018	0.053	0.122
	Equal variances not assumed			4.405	656.954	0.000	0.000	0.087	0.020	0.048	0.126
Housing	Equal variances assumed	18.785	0.000	-3.630	1542	0.000	0.000	-0.100	0.028	-0.155	-0.046
	Equal variances not assumed			-3.597	814.799	0.000	0.000	-0.100	0.028	-0.155	-0.046
Learning Community	Equal variances assumed	25.358	0.000	-2.632	1542	0.004	0.009	-0.061	0.023	-0.107	-0.016
	Equal variances not assumed			-2.532	766.737	0.006	0.012	-0.061	0.024	-0.109	-0.014
Took FYE Course	Equal variances assumed	12.987	0.000	1.725	1542	0.042	0.085	0.044	0.026	-0.006	0.094
	Equal variances not assumed			1.759	866.278	0.039	0.079	0.044	0.025	-0.005	0.093
Greek Life Participation	Equal variances assumed	189.700	0.000	-6.187	1542	0.000	0.000	-0.108	0.018	-0.143	-0.074
	Equal variances not assumed			-7.873	1447.059	0.000	0.000	-0.108	0.014	-0.135	-0.081
Probation After Fall 2020	Equal variances assumed	540.280	0.000	11.667	1542	0.000	0.000	0.208	0.018	0.173	0.242
	Equal variances not assumed			9.294	561.965	0.000	0.000	0.208	0.022	0.164	0.251

2020 Freshman Cohort Retention Report ANOVA Tables

2020 Cohort * Race * Multiple Comparisons

Dependent Variable: One-Year Retention

Games-Howell

					95% Confidence Interval	
					Lower Bound	Upper Bound
African-American	African-American	0.080	0.032	0.145	-0.01	0.17
	Asian	-0.091	0.051	0.557	-0.24	0.06
	Hispanic	0.022	0.055	1.000	-0.15	0.19
	Multiracial	0.049	0.057	0.977	-0.12	0.22
	Non-Resident Alien	0.109	0.141	0.984	-0.38	0.60
	Other	-0.018	0.046	1.000	-0.16	0.12
	White	-0.080	0.032	0.145	-0.17	0.01
Asian	Asian	-.171*	0.056	0.043	-0.34	0.00
	Hispanic	-0.059	0.060	0.959	-0.24	0.12
	Multiracial	-0.032	0.061	0.999	-0.22	0.15
	Non-Resident Alien	0.029	0.143	1.000	-0.47	0.52
	Other	-0.099	0.052	0.484	-0.25	0.06
	White	0.091	0.051	0.557	-0.06	0.24
Hispanic	African-American	.171*	0.056	0.043	0.00	0.34
	Asian	0.113	0.072	0.707	-0.10	0.33
	Multiracial	0.140	0.073	0.478	-0.08	0.36
	Non-Resident Alien	0.200	0.149	0.820	-0.30	0.70
	Other	0.073	0.065	0.923	-0.12	0.27
	White	-0.022	0.055	1.000	-0.19	0.15
Multiracial	African-American	0.059	0.060	0.959	-0.12	0.24
	Asian	-0.113	0.072	0.707	-0.33	0.10
	Hispanic	0.027	0.077	1.000	-0.20	0.26
	Non-Resident Alien	0.087	0.150	0.997	-0.42	0.59
	Other	-0.040	0.069	0.997	-0.25	0.17
	White	-0.049	0.057	0.977	-0.22	0.12
Non-Resident Alien	African-American	0.032	0.061	0.999	-0.15	0.22
	Asian	-0.140	0.073	0.478	-0.36	0.08

2020 Freshman Cohort Retention Report ANOVA Tables

2020 Cohort * First Generation * Multiple Comparisons

Dependent Variable: One-Year Retention

Games-Howell

(I) First Generation		Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Bound	95% Confidence Interval Bound
No	Yes	.080*	0.030	0.020	0.01	0.15
	Unknown	-0.074	0.033	0.063	-0.15	0.00
Yes	No	-.080*	0.030	0.020	-0.15	-0.01
	Unknown	-.154*	0.040	0.000	-0.25	-0.06
Unknown	No	0.074	0.033	0.063	0.00	0.15
	Yes	.154*	0.040	0.000	0.06	0.25

*. The mean difference is significant at the 0.05 level.

2020 Cohort * USA Day * Multiple Comparisons

Dependent Variable: One-Year Retention

Games-Howell

(I) Number USA Days Attended		Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Bound	95% Confidence Interval Bound
Did Not Attend	Attended 1 USA Day	-.097*	0.027	0.001	-0.16	-0.03
	Attended Multiple USA Days	0.091	0.245	0.928	-0.78	0.96
Attended 1 USA Day	Did Not Attend					

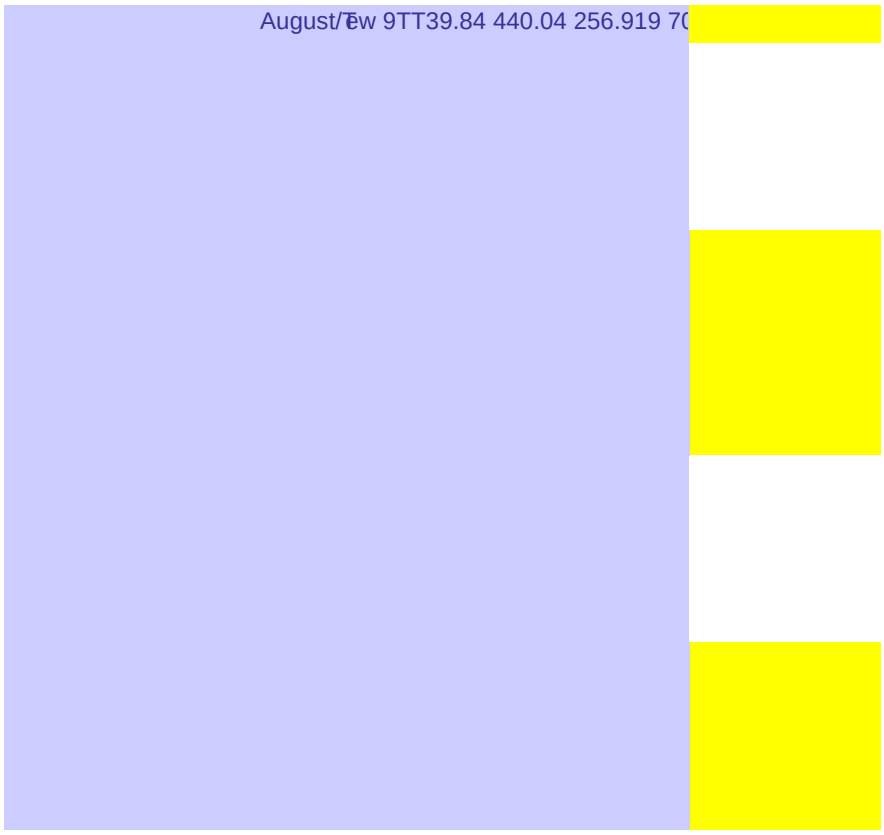
2020 Freshman Cohort Retention Report ANOVA Tables

2020 Cohort * Orientation * Multiple Comparisons

Dependent Variable: One-Year Retention

Games-Howell

						Bound	Bound
August/Tew 9TT	39.84	440.04	256.919	70			



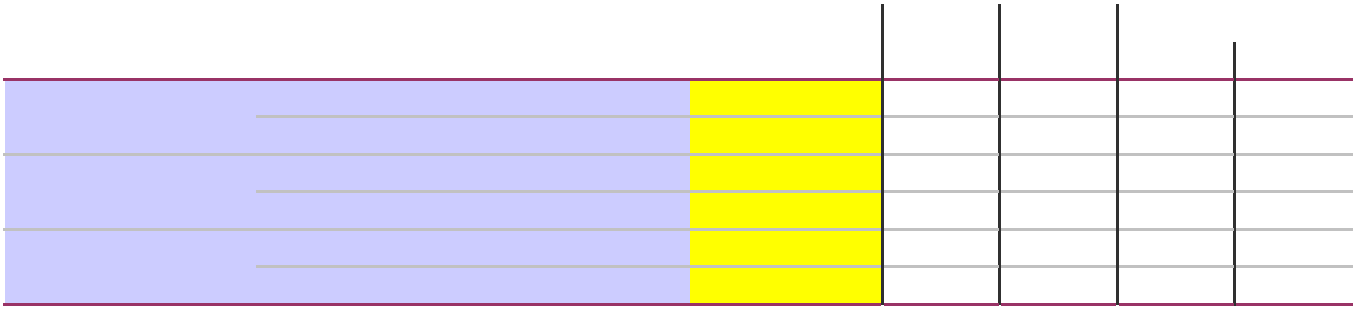
2020 Freshman Cohort Retention Report ANOVA Tables

2020 Cohort * College * Multiple Comparisons

Dependent Variable: One-Year Retention 1.pt.i2 (980[illegible]) [illegible] Td d2 [illegible] -0.011 0.033

Games-Howell

				Bound	Bound
AH	-0.082	0.036	0.248	-0.19	0.02
BU	0.056	0.047	0.898	-0.08	0.20
CS	-0.139	0.056	0.181	-0.31	0.03
ED	-0.017	0.041	1.000	-0.14	0.11
EG	-0.028	0.039	0.991	-0.15	0.09
NU	-0.051	0.033	0.734	-0.15	0.05
AS	0.082	0.036	0.248	-0.02	0.19
BU	0.138	0.051	0.099	-0.01	0.29
CS	-0.057	0.059	0.961	-0.23	0.12
ED	0.065	0.045	0.788	-0.07	0.20
EG	0.053	0.044	0.886	-0.08	0.18
NU	0.031	0.038	0.983	-0.08	0.14
AS	-0.056	0.047	0.898	-0.20	0.08
AH	-0.138	0.051	0.099	-0.29	0.01
CS	-0.195	0.067	0.060	-0.39	0.00
ED	-0.073	0.055	0.835	-0.24	0.09
EG	-0.084	0.054	0.697	-0.24	0.07
NU	-0.106	0.049	0.317	-0.25	0.04
AS	0.139	0.056	0.181	-0.03	0.31
AH	0.057	0.059	0.961	-0.12	0.23
BU	0.195	0.067	0.060	0.00	0.39
ED	0.121	0.063	0.457	-0.07	0.31
EG	0.110	0.061	0.555	-0.07	0.29
NU	0.088	0.058	0.727	-0.09	0.26
AS	0.017	0.041	1.000	-0.11	0.14
AH	-0.065	0.045	0.788	-0.20	0.07
BU	0.073	0.055	0.835	-0.09	0.24
CS	-0.121	0.063	0.457	-0.31	0.07
EG	-0.011	0.048	1.000	-0.15	0.13
NU	-0.033	0.044	0.988	-0.16	0.10
AS	0.028	0.039	0.991	-0.09	0.15
AH	-0.053	0.044	0.886	-0.18	0.08
BU	0.084	0.054	0.697	-0.07	0.24
CS	-0.110	0.061	0.555	-0.29	0.07
ED	0.011	0.048	1.000	-0.13	0.15
NU	-0.022	0.042	0.998	-0.15	0.10
AS	0.051	0.033	0.734	-0.05	0.-0.[illegible]



2020 Freshman Cohort Retention Report ANOVA Tables

2020 Cohort * Number of At Risk Midterm Grades * Multiple Comparisons

Dependent Variable: One-Year Retention

Games-Howell

				Bound	Bound
1 At Risk MT Grade	.134*	0.030	0.000	0.05	0.21
2 At Risk MT Grades	.249*	0.040	0.000	0.14	0.36
3 At Risk MT Grades	.459*	0.047	0.000	0.33	0.59
4 or More At Risk MT Grades	.628*	0.039	0.000	0.52	0.74
No At Risk MT Grades	-.134*	0.030	0.000	-0.21	-0.05
2 At Risk MT Grades	0.115	0.046	0.097	-0.01	0.24
3 At Risk MT Grades	.325*	0.052	0.000	0.18	0.47
4 or More At Risk MT Grades	.494*	0.046	0.000	0.37	0.62
No At Risk MT Grades	-.249*	0.040	0.000	-0.36	-0.14
1 At Risk MT Grade	-0.115	0.046	0.097	-0.24	0.01
3 At Risk MT Grades	.210*	0.059	0.004	0.05	0.37
4 or More At Risk MT Grades	.380*	0.053	0.000	0.23	0.52
No At Risk MT Grades	-.459*	0.047	0.000	-0.59	-0.33
1 At Risk MT Grade	-.325*	0.052	0.000	-0.47	-0.18
2 At Risk MT Grades	-.210*	0.059	0.004	-0.37	-0.05
4 or More At Risk MT Grades	.16scn BT 9 0 0 9 135.96 459.9 4762- 0 0 9 19cn				

2020 Freshman Cohort Retention Report ANOVA Tables

2020 Freshman Cohort Retention Report ANOVA Tables

2020 Cohort * USA GPA After Summer 2021 * Multiple Comparisons

Dependent Variable: One-Year Retention

Games-Howell

				Bound	Bound
2.01-2.5	-.510*	0.042	0.000	-0.63	-0.39
2.51-3.0	-.592*	0.036	0.000	-0.69	-0.49
3.01-3.5	-.684*	0.029	0.000	-0.76	-0.60
3.51-4.0	-.718*	0.026	0.000	-0.79	-0.65
2.0 or lower	.510*	0.042	0.000	0.39	0.63
2.51-3.0	-0.082	0.045	0.378	-0.21	0.04
3.01-3.5	-.174*	0.040	0.000	-0.29	-0.06
3.51-4.0	-.208				

2020 Freshman Cohort Retention Report Logistic Regression Tables

2020 Cohort * Input and Environmental Model Classification Table [a]

Observed			Predicted		
			Retention		Percentage Correct
			No	Yes	
Step 1	One-Year Retention	No	150	298	33.5
		Yes	88	1008	92.0
	Overall Percentage				75.0

a. The cut value is .500

2020 Cohort * Input and Environmental Model Final Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Female	.083	.147	0.318	1	.573	1.087	.814	1.450
	White			5.600	6	.469			
	African-American	.205	.175	1.370	1	.242	1.228	.871	1.730
	Asian	.661	.364	3.287	1	.070	1.936	.948	3.955
	Hispanic	.254	.295	.744	1	.388	1.290	.723	2.299
	Multiracial	.214	.293	0.533	1	.465	1.239	.697	2.200
	Non-Resident Alien	-.544	.671	0.657	1	.418	0.581	.156	2.162
	Other	.107	.266	0.161	1	.688	1.113	.660	1.876
	17 years or younger			1.425	3	.700			
	18 years old	-.211	.316	0.444	1	.505	0.810	.436	1.505
	19 years old	-.167	.381	0.193	1	.661	0.846	.401	1.786
	20 years or older	.232	.519	0.200	1	.654	1.261	.456	3.486
	Mobile or Baldwin County			4.231	4	.376			
	Rest of Alabama	-.307	.180	2.918	1	.088	0.736	.517	1.046
	Mississippi Service Area	-.319	.253	1.589	1	.208	0.727	.442	1.194
	Florida Service Area	-.343	.279	1.507	1	.220	0.710	.411	1.227

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