One-Size-Doesn't-Fit-All: Differentiated Engagement Pathways for Transfer Student Success - Appendices

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Appendix A. Dataset Subgroupings Frequencies & Percent Totals

Subcategorical groupings were created within each dataset to help control for admission status, the number of incoming credits, 1st Generation status, transfer institution type, and whether a transfer student's transferring institution was in-state or out-of-state,

Appendix A.Table 1. Data Subsets, Subgroupings, and Frequencies & Percent Totals

| | Data Subset | | | | | | | |
| | Year 1 to Year 2 Retention Analysis Dataset (N=55,311) | | | 4 Year Cumulative GPA Dataset (N=37,236) | | | 6 Year Graduation Rates Dataset (N=24,404) | |
Subgroup	N	% of Total		N	% of Total		N	% of Total
Admission Status, Incoming Credits, and 1st Generation Status								
FTIC Freshmen: any # credits 1st Gen	7,471	19.4		4,080	19.4		2,002	19.8
FTIC Freshmen: any # credits Not 1st Gen	15,383	39.8		7,801	37.0		3,683	36.4
Transfers: 24-39 credits 1st Gen	2,090	5.4		1,295	6.1		633	6.3
Transfers: 24-39 credits Not 1st Gen	2,567	6.6		1,464	6.9		654	6.5
Transfers: 40-59 credits 1st Gen	2,149	5.6		1,299	6.2		623	6.2
Transfers: 40-59 credits Not 1st Gen	2,350	6.1		1,321	6.3		621	6.1
Transfers: 60+ credits 1st Gen	3,394	8.8		2,020	9.6		1,016	10.1
Transfers: 60+ credits Not 1st Gen.	3,199	8.3		1,800	8.5		876	8.7
Total	38,603	100.0		21,080	100.0		10,108	100.0
Transfer Students, Incoming Credits, & Transfer Institution Type								
Transfers: 24-39 credits 4YR+	2,641	11.3		1,917	12.3		1,277	12.7
Transfers: 24-39 credits 2YRorLess	3,911	16.8		2,532	16.2		1,515	15.1
Transfers: 40-59 credits 4YR+	2,048	8.8		1,406	9.0		944	9.4
Transfers: 40-59 credits 2YRorLess	4,294	18.4		2,759	17.6		1,695	16.9
Transfers: 60+ credits 4YR+	2,827	12.1		1,955	12.5		1,385	13.8

	Data Subset					
	Year 1 to Year 2 Retention Analysis Dataset (N=55,311)		4 Year Cumulative GPA Dataset (N=37,236)		6 Year Graduation Rates Dataset (N=24,404)	
Subgroup	**N**	**% of Total**	**N**	**% of Total**	**N**	**% of Total**
Transfers: 60+ credits 2YRorLess	7,595	32.6	5,063	32.4	3,240	32.2
Transfer Students, Incoming Credits, & In-State or Out-of-State Transfer Institution						
Transfers: 24-39 credits In State	5,500	26.4	3,688	26.6	2,302	26.0
Transfers: 24-39 credits Out of State	400	1.9	285	2.1	180	2.0
Transfers: 40-59 credits In State	5,140	24.6	3,337	24.0	2,094	23.6
Transfers: 40-59 credits Out of State	486	2.3	340	2.4	223	2.5
Transfers: 60+ credits In State	8,650	41.5	5,733	41.6	3,740	42.2
Transfers: 60+ credits Out of State	692	3.3	467	3.4	325	3.7
Total	20,868	100.0	13,890	100.0	8,864	100.0

Appendix B. RQ1 Subgroupings & Measures of Success ANOVAs

Appendix B.Table 1. Retention Rates x Subgroups ANOVAs

Admission Status, Incoming Credits, and 1st Generation Status
Welch's ANOVA (F) & Effect (ηp2): $F_{(7,9484)}$ = 28.7, p < .001, ηp2 =.005 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen:7468, .81, .39 - New Fresh Not 1st Gen: 15381, .84, .37 - Trans (24-39) 1st Gen: 2086, .77, .42 - Trans (24-39) Not 1st Gen: 2562, .81, .39 - Trans (40-59) 1st Gen: 2143, .75, .43 - Trans (40-59) Not 1st Gen: 2344, .79, .41 - Trans (60+) 1st Gen: 3377, .78, .41 - Trans (60+) Not 1st Gen: 3191, .79, .41	- New Fresh 1st Gen > Trans (24-39) 1st Gen - New Fresh 1st Gen > Trans (40-59) 1st Gen - New Fresh 1st Gen > Trans (60+) 1st Gen - New Fresh Not 1st Gen > New Fresh 1st Gen - New Fresh Not 1st Gen >Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - New Fresh Not 1st Gen > Trans (40-59) 1st Gen - New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen - New Fresh Not 1st Gen > Trans (60+) 1st Gen - New Fresh Not 1st Gen > Trans (60+) Not 1st Gen - Trans (24-39) Not 1st Gen > Trans (24-39) 1st Gen - Trans (24-39) Not 1st Gen > Trans (40-59) 1st Gen - Trans (40-59) Not 1st Gen > Trans (40-59) 1st Gen - Trans (60+) Not 1st Gen > Trans (40-59) 1st Gen

Transfer Students, Incoming Credits, & Transfer Institution Type
Welch's ANOVA (F) & Effect (ηp2): $F_{(5,8425)}$ = 17.3, p < .001, ηp2 =.004 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) 4YR+: 2633, .79, .40 - Trans (24-39) 2YR-: 3905, .78, .41 - Trans (40-59) 4YR+: 2039, .76, .43 - Trans (40-59) 2YR-: 4285, .77, .42 - Trans (60+) 4YR+: 2789, .70, .46 - Trans (60+) 2YR-: 7553, .79, .41	- Trans (24-39) 4YR+ > Trans (40-59) 4YR+ - Trans (24-39) 4YR+ > Trans (60+) 4YR+ - Trans (24-39) 2YR- > Trans (60+) 4YR+ - Trans (40-59) 4YR+ > Trans (60+) 4YR+ - Trans (40-59) 2YR- > Trans (60+) 4YR+ - Trans (60+) 2YR- > Trans (60+) 4YR+

Transfer Students, Incoming Credits, & In-State or Out-of-State Transfer Institution
Welch's ANOVA (F) & Effect (ηp2): $F_{(5,1923)}$ = 6.8, p < .001, ηp2 =.002 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) InState: 5493, .79, .40 - Trans (24-39) OutState: 397, .73, .44 - Trans (40-59) InState: 5132, .78, .42 - Trans (40-59) OutState: 484,.72, .45 - Trans (60+) InState: 8598, .78, .42 - Trans (60+) OutState: 681, .72, .45	- Trans (24-39) InState > Trans (40-59) OutState - Trans (24-39) InState > Trans (60+) OutState - Trans (40-59) InState > Trans (60+) OutState - Trans (60+) InState > Trans (60+) OutState

Appendix B.Table 2. 4 Year Cumulative GPA x Subgroups ANOVAs

Admission Status, Incoming Credits, and 1st Generation Status	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,5808)}$ = 40.4, *p* < .001, ηp2 =.005 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● New Fresh 1st Gen: 4080, 2.81, 1.75 ● New Fresh Not 1st Gen: 7801, 2.97, 1.34 ● Trans (24-39) 1st Gen: 1295, 2.64, 3.94 ● Trans (24-39) Not 1st Gen:1464, 2.68, .88 ● Trans (40-59) 1st Gen:1299, 2.55, .94 ● Trans (40-59) Not 1st Gen:1321, 2.70, .88 ● Trans (60+) 1st Gen: 2020, 3.02, 3.19 ● Trans (60+) Not 1st Gen:1800, 3.09, 4.06	Games-Howell Post Hoc Significant Results ● New Fresh 1st Gen > Trans (24-39) Not 1st Gen ● New Fresh 1st Gen > Trans (40-59) 1st Gen ● New Fresh 1st Gen > Trans (40-59) Not 1st Gen ● New Fresh Not 1st Gen > New Fresh 1st Gen ● New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen ● New Fresh Not 1st Gen > Trans (40-59) 1st Gen ● New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen ● Trans (24-39) Not 1st Gen > Trans (40-59) First Gen ● Trans (60+) 1st Gen > Trans (24-39) Not 1st Gen ● Trans (60+) 1st Gen > Trans (40-59) 1st Gen ● Trans (60+) 1st Gen > Trans (40-59) Not 1st Gen ● Trans (60+) Not 1st Gen > Trans (24-39) 1st Gen
Transfer Students, Incoming Credits, & Transfer Institution Type	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,6254)}$ = 17.8, *p* < .001, ηp2 =.004 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 1917, 2.80, 3.95 ● Trans (24-39) 2YR-: 2532, 2.60, 2.88 ● Trans (40-59) 4YR+: 1406, 2.61, .95 ● Trans (40-59) 2YR-: 2759, 2.65, 2.07 ● Trans (60+) 4YR+: 1955, 3.12, 5.01 ● Trans (60+) 2YR-: 5063, 3.01, 2.88	Games-Howell Post Hoc Significant Results ● Trans (60+) 4YR+ > Trans (24-39) 2YR- ● Trans (60+) 4YR+ > Trans (40-59) 4YR+ ● Trans (60+) 4YR+ > Trans (40-59) 2YR- ● Trans (60+) 2YR- > Trans (24-39) 2YR- ● Trans (60+) 2YR- > Trans (40-59) 4YR+ ● Trans (60+) 2YR- > Trans (40-59) 2YR-
Transfer Students, Incoming Credits, & In-State or Out-of-State Transfer Institution	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1576)}$ = 11.8, *p* < .001, ηp2 =.004 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) InState: 3688, 2.67, 3.33 ● Trans (24-39) OutState: 285, 2.74, .95 ● Trans (40-59) InState: 3337, 2.62, 1.92 ● Trans (40-59) OutState: 340, 2.64, 1.05 ● Trans (60+) InState: 5773, 3.02, 3.51 ● Trans (60+) OutState: 467, 3.22, 4.60	Games-Howell Post Hoc Significant Results ● Trans (60+) InState > Trans (24-39) InState ● Trans (60+) InState > Trans (24-39) OutState ● Trans (60+) InState > Trans (40-59) InState ● Trans (60+) InState > Trans (40-59) OutState

Appendix B.Table 3. 6 Year Graduation Rates x Subgroups ANOVAs

Admission Status, Incoming Credits, and 1st Generation Status

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(3,5245)}$ = 14.3, *p* < .001, ηp2 =.004 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
• New Fresh 1st Gen: 2002, .61, .49 • New Fresh Not 1st Gen: 3683, .68, .47 • Trans (24-39) 1st Gen: 633, .54, .50 • Trans (24-39) Not 1st Gen: 654, .65, .48 • Trans (40-59) 1st Gen: 623, .57, .50 • Trans (40-59) Not 1st Gen: 621, .65, .48 • Trans (60+) 1st Gen: 1016, .73, .44 • Trans (60+) Not 1st Gen: 876, .71, .45	• New Fresh Not 1st Gen > New Fresh 1st Gen • New Fresh Not 1st Gen > Trans (24-39) 1st Gen • New Fresh Not 1st Gen > Trans (40-59) 1st Gen • Trans (24-39) Not 1st Gen > Trans (24-39) 1st Gen • Trans (40-59) Not 1st Gen > Trans (24-39) 1st Gen • Trans (60+) 1st Gen > New Fresh 1st Gen • Trans (60+) 1st Gen> New Fresh Not 1st Gen • Trans (60+) 1st Gen> Trans (24-39) 1st Gen • Trans (60+) 1st Gen> Trans (24-39) Not 1st Gen • Trans (60+) 1st Gen> Trans (40-59) 1st Gen • Trans (60+) 1st Gen> Trans (40-59) Not 1st Gen • Trans (60+) Not 1st Gen> New Fresh 1st Gen • Trans (60+) Not 1st Gen> Trans (24-39) 1st Gen • Trans (60+) Not 1st Gen> Trans (40-59) 1st Gen

Transfer Students, Incoming Credits, & Transfer Institution Type

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,3810)}$ = 30.4, *p* < .001, ηp2 =.015 (low)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
• Trans (24-39) 4YR+: 1277, .62, .49 • Trans (24-39) 2YR-: 1515, .54, .50 • Trans (40-59) 4YR+: 944, .58, .49 • Trans (40-59) 2YR-: 1695, .63, .48 • Trans (60+) 4YR+: 1385, .61, .49 • Trans (60+) 2YR-: 3240, .71, .45	• Trans (24-39) 4YR+ > Trans (24-39) 2YR- • Trans (40-59) 2YR- > Trans (24-39) 2YR- • Trans (60+) 4YR+ > Trans (24-39) 2YR- • Trans (60+) 2YR- > Trans (24-39) 4YR+ • Trans (60+) 2YR- > Trans (24-39) 2YR- • Trans (60+) 2YR- > Trans (40-59) 4YR+ • Trans (60+) 2YR- > Trans (40-59) 2YR- • Trans (60+) 2YR- > Trans (60+) 4YR+

Transfer Students, Incoming Credits, & In-State or Out-of-State Transfer Institution

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,886)}$ = 22.3, *p* < .001, ηp2 =.013 (low)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
• Trans (24-39) InState: 2302, .58, .49 • Trans (24-39) OutState: 180, .51, .50 • Trans (40-59) InState: 2094, .63, .48 • Trans (40-59) OutState: 223, .49, .50 • Trans (60+) InState: 3740, .69, .46 • Trans (60+) OutState: 325, .64, .48	• Trans (40-59) In State > Trans (24-39) In State • Trans (40-59) In State > Trans (24-39) Out State • Trans (40-59) In State > Trans (40-59) Out State • Trans (60+) In State > Trans (24-39) In State • Trans (60) In State > Trans (24-39) Out State • Trans (60+) In State > Trans (40-59) In State • Trans (60+) In State > Trans (40-59) Out State • Trans (60+) Out State > Trans (40-59) Out State

Appendix C. RQ2 Subgroupings x Year 1 Engagement ANOVAs

C.1. Admission Status & Incoming Credits Subgrouping and 1st Generation Status Subgrouping

Appendix C.1.Table 1. Year 1 Library Engagement

Library Engagement Variables

Book Checkouts

Welch's ANOVA (F) & Effect (ηp2): $F_{(7,9413)}$ = 2.54, $p < .05$, ηp2 =.000 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 7467, .68, 2.33 - New Fresh Not 1st Gen: 15363, .69, 2.51 - Trans (24-39) 1st Gen: 2090, .64, 3.98 - Trans (24-39) Not 1st Gen: 2566, .59, 3.12 - Trans (40-59) 1st Gen: 2148, .53, 2.25 - Trans (40-59) Not 1st Gen: 2349, .64, 2.48 - Trans (60+) 1st Gen: 3394, .77, 4.66 - Trans (60+) Not 1st Gen: 3198, .82, 3.91	Trans (60+) Not 1st Gen > Trans (40-59) 1st Gen

Library Instruction

Welch's ANOVA (F) & Effect (ηp2): $F_{(7,9993)}$ = 763.16, $p < .001$, ηp2 =.105 (high)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 7471, .94, 1.06 - New Fresh Not 1st Gen:15383, 1.00, 1.10 - Trans (24-39) 1st Gen: 2090, .35, .86 - Trans (24-39) Not 1st Gen: 2567, .36, 1.00 - Trans (40-59) 1st Gen: 2149, .27, .82 - Trans (40-59) Not 1st Gen: 2350, .32, .87 - Trans (60+) 1st Gen: 3394, .27, .68 - Trans (60+) Not 1st Gen: 3199, .27, .66	- New Fresh 1st Gen > Trans (24-39) 1st Gen - New Fresh 1st Gen > Trans (24-39) Not 1st Gen - New Fresh 1st Gen > Trans (40-59) 1st Gen - New Fresh 1st Gen > Trans (40-59) Not 1st Gen - New Fresh 1st Gen > Trans (60+) 1st Gen - New Fresh 1st Gen > Trans (60+) Not 1st Gen - New Fresh Not 1st Gen > New Fresh 1st Gen - New Fresh Not 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - New Fresh Not 1st Gen > Trans (40-59) 1st Gen - New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen - New Fresh Not 1st Gen > Trans (60+) 1st Gen - New Fresh Not 1st Gen > Trans (60+) Not 1st Gen - Trans (24-39) 1st Gen > Trans (40-59) Not 1st Gen - Trans (24-39) 1st Gen > Trans (60+) 1st Gen - Trans (24-39) 1st Gen > Trans (60+) Not 1st Gen - Trans (24-39) Not 1st Gen > Trans (40-59) Not 1st Gen - Trans (24-39)- Not 1st Gen > Trans (60+) 1st Gen - Trans (24-39) Not 1st Gen > Trans (60+) Not 1st Gen

Library Desktop Computer Logins + Laptop Checkouts

Welch's ANOVA (F) & Effect (ηp2): $F_{(7,7997)}$ = 35.01, $p < .001$, ηp2 =.008 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 7453, 4.97, 12.79 - New Fresh Not 1st Gen: 15342, 4.05, 11.23 - Trans (24-39) 1st Gen: 1829, 7.24, 16.65 - Trans (24-39) Not 1st Gen: 2369, 6.52, 16.71 - Trans (40-59) 1st Gen: 1811, 7.89, 18.47	- New Fresh 1st Gen > New Fresh Not 1st Gen - Trans (24-39) 1st Gen > New Fresh 1st Gen - Trans (24-39) 1st Gen > New Fresh Not 1st Gen - Trans (24-39) Not 1st Gen > New Fresh 1st Gen - Trans (24-39) Not 1st Gen > New Fresh Not 1st Gen

● Trans (40-59) Not 1st Gen: 2068, 6.34, 17.29 ● Trans (60+) 1st Gen: 2860, 6.09, 15.76 ● Trans (60+) Not 1st Gen: 2755, 6.53, 18.20	● Trans (40-59) 1st Gen > New Fresh 1st Gen ● Trans (40-59) 1st Gen > New Fresh Not 1st Gen ● Trans (40-59) 1st Gen > Trans (60+) 1st Gen ● Trans (40-59) Not 1st Gen > New Fresh 1st Gen ● Trans (40-59) Not 1st Gen > New Fresh Not 1st Gen ● Trans (60+) 1st Gen > New Fresh 1st Gen ● Trans (60+) 1st Gen > New Fresh Not 1st Gen ● Trans (60+) Not 1st Gen > New Fresh 1st Gen ● Trans (60+) Not 1st Gen > New Fresh Not 1st Gen

Study Room Reservations

Welch's ANOVA (F) & Effect (ηp2): $F_{(7,9440)}$ = 1.75, p > .05 (not sig.)

Descriptives (Group: N, Mean, Standard Deviation) ● New Fresh 1st Gen: 7468, 1.18, 6.36 ● New Fresh Not 1st Gen: 15378, .97, 4.70 ● Trans (24-39) 1st Gen: 2090, 1.20, 6.96 ● Trans (24-39) Not 1st Gen: 2567, 1.01, 5.08 ● Trans (40-59) 1st Gen: 2148, 1.18, 6.06 ● Trans (40-59) Not 1st Gen: 2350, .97, 4.72 ● Trans (60+) 1st Gen: 3392, 1.10, 6.62 ● Trans (60+) Not 1st Gen: 3197, 1.19, 6.42	Games-Howell Post Hoc Significant Results ● N/A

Total Authentications (EZProxy + OpenAthens)

Welch's ANOVA (F) & Effect (ηp2): $F_{(7,9725)}$ = 42.70, p < .001, ηp2 =.005 (negligible)

Descriptives (Group: N, Mean, Standard Deviation) ● New Fresh 1st Gen: 7471, 3.03, 5.37 ● New Fresh Not 1st Gen: 15383, 3.37, 6.09 ● Trans (24-39) 1st Gen: 2090, 1.91, 4.25 ● Trans (24-39) Not 1st Gen: 2567, 2.20, 5.91 ● Trans (40-59) 1st Gen: 2149, 2.19, 4.99 ● Trans (40-59) Not 1st Gen: 2350, 2.65, 6.39 ● Trans (60+) 1st Gen: 3394, 2.93, 7.93 ● Trans (60+) Not 1st Gen: 3199, 3.28, 8.21	Games-Howell Post Hoc Significant Results ● New Fresh 1st Gen > Trans (24-39) 1st Gen ● New Fresh 1st Gen > Trans (24-39) Not 1st Gen ● New Fresh 1st Gen > Trans (40-59) 1st Gen ● New Fresh Not 1st Gen > New Fresh 1st Gen ● New Fresh Not 1st Gen > Trans (24-39) 1st Gen ● New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen ● New Fresh Not 1st Gen > Trans (40-59) 1st Gen ● New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen ● New Fresh Not 1st Gen > Trans (60+) 1st Gen ● Trans (40-59) Not 1st Gen > Trans (24-39) 1st Gen ● Trans (60+) 1st Gen > Trans (24-39) 1st Gen ● Trans (60+) 1st Gen > Trans (24-39) Not 1st Gen ● Trans (60+) 1st Gen > Trans (40-59) 1st Gen ● Trans (60+) Not 1st Gen > Trans (24-39) 1st Gen ● Trans (60+) Not 1st Gen > Trans (24-39) Not 1st Gen ● Trans (60+) Not 1st Gen > Trans (40-59) 1st Gen ● Trans (60+) Not 1st Gen > Trans (40-59) Not 1st Gen

Appendix C.1.Table 2. Year 1 Career Center Engagement

Career Center Engagement Variables

Career Center Advising

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,9472)}$ =5.10, *p* < .001, ηp2 =.001 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 7471, .11, .43 - New Fresh Not 1st Gen: 15383, .12, .45 - Trans (24-39) 1st Gen: 2090, .12, .54 - Trans (24-39) Not 1st Gen: 2567, .11, .49 - Trans (40-59) 1st Gen: 2149, .11, .48 - Trans (40-59) Not 1st Gen: 2350, .12, .47 - Trans (60+) 1st Gen: 3394, .13, .54 - Trans (60+) Not 1st Gen: 3199, .18, .61	- Trans (60+) Not 1st Gen > New Fresh 1st Gen - Trans (60+) Not 1st Gen > New Fresh Not 1st Gen - Trans (60+) Not 1st Gen > Trans (24-39) 1st Gen - Trans (60+) Not 1st Gen > Trans (24-39) Not 1st Gen - Trans (60+) Not 1st Gen > Trans (40-59) 1st Gen - Trans (60+) Not 1st Gen > Trans (40-59) Not 1st Gen - Trans (60+) Not 1st Gen > Trans (60+) 1st Gen

Career Fairs

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,8555)}$ =37.98, *p* < .001, ηp2 =.007 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 6344, .20, .48 - New Fresh Not 1st Gen: 12968, .19, .47 - Trans (24-39) 1st Gen: 1842, .09, .34 - Trans (24-39) Not 1st Gen: 2173, .11, .37 - Trans (40-59) 1st Gen: 1870, .14, .46 - Trans (40-59) Not 1st Gen: 2022, .14, .41 - Trans (60+) 1st Gen: 2955, .11, .38 - Trans (60+) Not 1st Gen: 2752, .14, .46	- New Fresh 1st Gen > Trans (24-39) 1st Gen - New Fresh 1st Gen > Trans (24-39) Not 1st Gen - New Fresh 1st Gen > Trans (40-59) 1st Gen - New Fresh 1st Gen > Trans (40-59) Not 1st Gen - New Fresh 1st Gen > Trans (60+) 1st Gen - New Fresh 1st Gen > Trans (60+) Not 1st Gen - New Fresh Not 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - New Fresh Not 1st Gen > Trans (40-59) 1st Gen - New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen - New Fresh Not 1st Gen > Trans (60+) 1st Gen - New Fresh Not 1st Gen > Trans (60+) Not 1st Gen - Trans (40-59) 1st Gen > Trans (24-39) Not 1st Gen - Trans (60+) Not 1st Gen > Trans (24-39) 1st Gen

Career Center Classroom Presentations

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,7526)}$ =180.8, *p* < .001, ηp2 =.038 (low)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 5188, .40, .78 - New Fresh Not 1st Gen: 10269, .41, .75 - Trans (24-39) 1st Gen: 1584, .19, .52 - Trans (24-39) Not 1st Gen: 1834, .15, .47 - Trans (40-59) 1st Gen: 1613, .17, .53 - Trans (40-59) Not 1st Gen: 1690, .13, .42 - Trans (60+) 1st Gen: 2520, .12, .43 - Trans (60+) Not 1st Gen: 2295, .14, .45	- New Fresh 1st Gen > Trans (24-39) 1st Gen - New Fresh 1st Gen > Trans (24-39) Not 1st Gen - New Fresh 1st Gen > Trans (40-59) 1st Gen - New Fresh 1st Gen > Trans (40-59) Not 1st Gen - New Fresh 1st Gen > Trans (60+) 1st Gen - New Fresh 1st Gen > Trans (60+) Not 1st Gen - New Fresh Not 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - New Fresh Not 1st Gen > Trans (40-59) 1st Gen - New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen - New Fresh Not 1st Gen > Trans (60+) 1st Gen - New Fresh Not 1st Gen > Trans (60+) Not 1st Gen - Trans (24-39) 1st Gen > Trans (40-59) Not 1st Gen - Trans (24-39) 1st Gen > Trans (60+) 1st Gen - Trans (24-39) 1st Gen > Trans (60+) Not 1st Gen - Trans (40-59) 1st Gen > Trans (60+) 1st Gen

Career Center Self-Assessments

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,10299)}$ =270.76, *p* < .001, ηp2 =.039 (low)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 7471, .17, .38 - New Fresh Not 1st Gen: 15383, .20, .40 - Trans (24-39) 1st Gen: 2090, .06, .26 - Trans (24-39) Not 1st Gen: 2567, .06, .25 - Trans (40-59) 1st Gen: 2149, .05, .22 - Trans (40-59) Not 1st Gen: 2350, .05, .24 - Trans (60+) 1st Gen: 3394, .04, .20 - Trans (60+) Not 1st Gen: 3199, .05, .24	- New Fresh 1st Gen > Trans (24-39) 1st Gen - New Fresh 1st Gen > Trans (24-39) Not 1st Gen - New Fresh 1st Gen > Trans (40-59) 1st Gen - New Fresh 1st Gen > Trans (40-59) Not 1st Gen - New Fresh 1st Gen > Trans (60+) 1st Gen - New Fresh 1st Gen > Trans (60+) Not 1st Gen - New Fresh Not 1st Gen > New Fresh 1st Gen - New Fresh Not 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - New Fresh Not 1st Gen > Trans (40-59) 1st Gen - New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen - New Fresh Not 1st Gen > Trans (60+) 1st Gen - New Fresh Not 1st Gen > Trans (60+) Not 1st Gen - Trans (24-39) Not 1st Gen > Trans (60+) 1st Gen

Career Center Workshops

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,10041)}$ =8.45, *p* < .001, ηp2 =.001 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 7471, .06, .39 - New Fresh Not 1st Gen: 15383, .06, .33 - Trans (24-39) 1st Gen: 2090, .03, .18 - Trans (24-39) Not 1st Gen: 2567, .04, .25 - Trans (40-59) 1st Gen: 2149, .05, .31 - Trans (40-59) Not 1st Gen: 2350, .05, .26 - Trans (60+) 1st Gen: 3394, .06, .32 - Trans (60+) Not 1st Gen: 3199, .07, .47	- New Fresh 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - Trans (40-59) Not 1st Gen > Trans (24-39) 1st Gen - Trans (60+) 1st Gen > Trans (24-39) 1st Gen - Trans (60+) Not 1st Gen > Trans (24-39) 1st Gen

Appendix C.1.Table 3. Year 1 UCAE Engagement

University Center for Academic Excellence Engagement Variables

Classroom Presentations

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(37,2694)}$ = 107.59, *p* < .001, ηp2 =.04 (low)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 2283, .40, .71 - New Fresh Not 1st Gen: 5114, .40, .71 - Trans (24-39) 1st Gen: 506, .19, .53 - Trans (24-39) Not 1st Gen: 733, .19, .54 - Trans (40-59) 1st Gen: 536, .11, .39 - Trans (40-59) Not 1st Gen: 660, .12, .40 - Trans (60+) 1st Gen: 874, .09, .35 - Trans (60+) Not 1st Gen: 904, .10, .39	- New Fresh 1st Gen > Trans (24-39) 1st Gen - New Fresh 1st Gen > Trans (24-39) Not 1st Gen - New Fresh 1st Gen > Trans (40-59) 1st Gen - New Fresh 1st Gen > Trans (40-59) Not 1st Gen - New Fresh 1st Gen > Trans (60+) 1st Gen - New Fresh 1st Gen > Trans (60+) Not 1st Gen - New Fresh Not 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - New Fresh Not 1st Gen > Trans (40-59) 1st Gen - New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen - New Fresh Not 1st Gen > Trans (60+) 1st Gen - New Fresh Not 1st Gen > Trans (60+) Not 1st Gen - Trans (24-39) 1st Gen > Trans (60+) 1st Gen - Trans (24-39) 1st Gen > Trans (60+) Not 1st Gen - Trans (24-39) Not 1st Gen > Trans (60+) 1st Gen - Trans (24-39) Not 1st Gen > Trans (60+) Not 1st Gen

Individual Consultations

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,9866)}$ = .26, *p* = .97 (not sig.)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 7471, .02, .19 - New Fresh Not 1st Gen: 15383, .02, .34 - Trans (24-39) 1st Gen: 2090, .03, .24 - Trans (24-39) Not 1st Gen: 2567, .02, .23 - Trans (40-59) 1st Gen: 2149, .02, .26 - Trans (40-59) Not 1st Gen: 2350, .02, .21 - Trans (60+) 1st Gen: 3394, .02, .20 - Trans (60+) Not 1st Gen: 3199, .02, .26	N/A

Peer Assisted Learning + SI

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,2670)}$ = 27.22, *p* < .001, ηp2 =.01 (low)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 2283, .96, 3.26 - New Fresh Not 1st Gen: 5114, 1.17, 3.50 - Trans (24-39) 1st Gen: 506, .61, 2.61 - Trans (24-39) Not 1st Gen: 733, .58, 2.33 - Trans (40-59) 1st Gen: 535, .49, 2.02 - Trans (40-59) Not 1st Gen: 660, .64, 2.75 - Trans (60+) 1st Gen: 874, .28, 1.62 - Trans (60+) Not 1st Gen: 904, .43, 1.88	- New Fresh 1st Gen > Trans (24-39) Not 1st Gen - New Fresh 1st Gen > Trans (40-59) 1st Gen - New Fresh 1st Gen > Trans (60+) 1st Gen - New Fresh 1st Gen > Trans (60+) Not 1st Gen - New Fresh Not 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - New Fresh Not 1st Gen > Trans (40-59) 1st Gen - New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen - New Fresh Not 1st Gen > Trans (60+) 1st Gen - New Fresh Not 1st Gen > Trans (60+) Not 1st Gen

Seminars	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,2536)}$ = 2.28, *p* < .05, ηp2 =.002 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● New Fresh 1st Gen: 2283, .10, .68 ● New Fresh Not 1st Gen: 5114, .10, .70 ● Trans (24-39) 1st Gen: 506, .19, .94 ● Trans (24-39) Not 1st Gen: 733, .09, .59 ● Trans (40-59) 1st Gen: 536, .15, .89 ● Trans (40-59) Not 1st Gen: 660, .10, .67 ● Trans (60+) 1st Gen: 874, .06, .55 ● Trans (60+) Not 1st Gen: 904, .06, .49	Games-Howell Post Hoc Significant Results ● *No significant post hoc findings*

Success Guides	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,7291)}$ = 30.90, *p* < .001, ηp2 =.007 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● New Fresh 1st Gen: 5188, 1.15, 3.58 ● New Fresh Not 1st Gen: 10269, 1.26, 3.76 ● Trans (24-39) 1st Gen: 1584, .97, 3.80 ● Trans (24-39) Not 1st Gen: 1834, .83, 3.17 ● Trans (40-59) 1st Gen: 1613, .69, 2.67 ● Trans (40-59) Not 1st Gen: 1690, .75, 3.01 ● Trans (60+) 1st Gen: 2520, .52, 2.74 ● Trans (60+) Not 1st Gen: 2295, .56, 2.82	Games-Howell Post Hoc Significant Results ● New Fresh 1st Gen > Trans (24-39) Not 1st Gen ● New Fresh 1st Gen > Trans (40-59) 1st Gen ● New Fresh 1st Gen > Trans (40-59) Not 1st Gen ● New Fresh 1st Gen > Trans (60+) 1st Gen ● New Fresh 1st Gen > Trans (60+) Not 1st Gen ● New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen ● New Fresh Not 1st Gen > Trans (40-59) 1st Gen ● New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen ● New Fresh Not 1st Gen > Trans (60+) 1st Gen ● New Fresh Not 1st Gen > Trans (60+) Not 1st Gen ● Trans (24-39) 1st Gen > Trans (60+) 1st Gen ● Trans (24-39) 1st Gen > Trans (60+) Not 1st Gen ● Trans (24-39) Not 1st Gen > Trans (60+) 1st Gen

Student Success (Peer Mentoring)	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,9323)}$ = 9.27, *p* < .001, ηp2 =.002 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● New Fresh 1st Gen: 7471, .24, 1.82 ● New Fresh Not 1st Gen: 15383, .18, 1.56 ● Trans (24-39) 1st Gen: 2090, .45, 2.46 ● Trans (24-39) Not 1st Gen: 2567, .34, 2.17 ● Trans (40-59) 1st Gen: 2149, .47, 2.49 ● Trans (40-59) Not 1st Gen: 2350, .32, 2.06 ● Trans (60+) 1st Gen: 3393, .24, 1.84 ● Trans (60+) Not 1st Gen: 3199, .20, 1.68	Games-Howell Post Hoc Significant Results ● Trans (24-39) 1st Gen > New Fresh 1st Gen ● Trans (24-39) 1st Gen > New Fresh Not 1st Gen ● Trans (24-39) 1st Gen > Trans (60+) 1st Gen ● Trans (24-39) 1st Gen > Trans (60+) Not 1st Gen ● Trans (40-59) 1st Gen > New Fresh 1st Gen ● Trans (40-59) 1st Gen > New Fresh Not 1st Gen ● Trans (40-59) 1st Gen > Trans (60+) 1st Gen ● Trans (40-59) 1st Gen > Trans (60+) Not 1st Gen ● Trans (40-59) Not 1st Gen > New Fresh Not 1st Gen

Tutoring Sessions	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,9610)}$ = 9.21, *p* < .001, ηp2 =.002 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● New Fresh 1st Gen: 7471, .45, 1.62 ● New Fresh Not 1st Gen: 15383, .52, 1.92 ● Trans (24-39) 1st Gen: 2090, .44, 1.85 ● Trans (24-39) Not 1st Gen: 2567, .52, 1.99 ● Trans (40-59) 1st Gen: 2149, .38, 2.04 ● Trans (40-59) Not 1st Gen: 2350, .40, 1.84 ● Trans (60+) 1st Gen: 3394, .32, 1.75 ● Trans (60+) Not 1st Gen: 3199, .33, 1.85	Games-Howell Post Hoc Significant Results ● New Fresh 1st Gen > Trans (60+) 1st Gen ● New Fresh 1st Gen > Trans (60+) Not 1st Gen ● New Fresh Not 1st Gen > New Fresh 1st Gen ● New Fresh Not 1st Gen > Trans (40-59) 1st Gen ● New Fresh Not 1st Gen > Trans (60+) 1st Gen ● New Fresh Not 1st Gen > Trans (60+) Not 1st Gen ● Trans (24-39) Not 1st Gen > Trans (60+) 1st Gen ● Trans (24-39) Not 1st Gen > Trans (60+) Not 1st Gen

Workshop Sessions

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,10046)}$ = 99.11, *p* < .001, ηp2 =.01 (low)

Descriptives (Group: N, Mean, Standard Deviation)
- New Fresh 1st Gen: 7471, .67, 1.95
- New Fresh Not 1st Gen: 15383, .74, 2.65
- Trans (24-39) 1st Gen: 2090, .32, 1.29
- Trans (24-39) Not 1st Gen: 2567, .42, 3.11
- Trans (40-59) 1st Gen: 2149, .30, 2.39
- Trans (40-59) Not 1st Gen: 2350, .35, 2.41
- Trans (60+) 1st Gen: 3394, .17, 1.04
- Trans (60+) Not 1st Gen: 3199, .16, 1.25

Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen > Trans (24-39) 1st Gen
- New Fresh 1st Gen > Trans (24-39) Not 1st Gen
- New Fresh 1st Gen > Trans (40-59) 1st Gen
- New Fresh 1st Gen > Trans (40-59) Not 1st Gen
- New Fresh 1st Gen > Trans (60+) 1st Gen
- New Fresh 1st Gen > Trans (60+) Not 1st Gen
- New Fresh Not 1st Gen > Trans (24-39) 1st Gen
- New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen
- New Fresh Not 1st Gen > Trans (40-59) 1st Gen
- New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen
- New Fresh Not 1st Gen > Trans (60+) 1st Gen
- New Fresh Not 1st Gen > Trans (60+) Not 1st Gen
- Trans (24-39) 1st Gen > Trans (60+) 1st Gen
- Trans (24-39) 1st Gen > Trans (60+) Not 1st Gen
- Trans (24-39) Not 1st Gen > Trans (60+) 1st Gen
- Trans (24-39) Not 1st Gen > Trans (60+) Not 1st Gen
- Trans (40-59) Not 1st Gen > Trans (60+) 1st Gen
- Trans (40-59) Not 1st Gen > Trans (60+) Not 1st Gen

Appendix C.1.Table 4. Year 1 Writing Center Engagement

Writing Center Engagement Variables

Class Presentations

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,10235)}$ = 262.95, *p* < .001, ηp2 =.03 (low)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 7467, .18, .49 - New Fresh Not 1st Gen: 15366, .19, .51 - Trans (24-39) 1st Gen: 2090, .07, .33 - Trans (24-39) Not 1st Gen: 2566, .06, .31 - Trans (40-59) 1st Gen: 2148, .04, .25 - Trans (40-59) Not 1st Gen: 2349, .05, .28 - Trans (60+) 1st Gen: 3394, .02, .14 - Trans (60+) Not 1st Gen: 3198, .03, .24	- New Fresh 1st Gen > Trans (24-39) 1st Gen - New Fresh 1st Gen > Trans (24-39) Not 1st Gen - New Fresh 1st Gen > Trans (40-59) 1st Gen - New Fresh 1st Gen > Trans (40-59) Not 1st Gen - New Fresh 1st Gen > Trans (60+) 1st Gen - New Fresh 1st Gen > Trans (60+) Not 1st Gen - New Fresh Not 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - New Fresh Not 1st Gen > Trans (40-59) 1st Gen - New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen - New Fresh Not 1st Gen > Trans (60+) 1st Gen - New Fresh Not 1st Gen > Trans (60+) Not 1st Gen - Trans (24-39) 1st Gen > Trans (60+) 1st Gen - Trans (24-39) 1st Gen > Trans (60+) Not 1st Gen - Trans (24-39) Not 1st Gen > Trans (60+) 1st Gen - Trans (24-39) Not 1st Gen > Trans (60+) Not 1st Gen - Trans (40-59) 1st Gen > Trans (60+) 1st Gen - Trans (40-59) Not 1st Gen > Trans (60+) 1st Gen - Trans (60+) Not 1st Gen > Trans (60+) 1st Gen

Individual Consultations

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,9807)}$ = 5.58, *p* < .001, ηp2 =.001 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 7467, .10, .71 - New Fresh Not 1st Gen: 15366, .10, .62 - Trans (24-39) 1st Gen: 2090, .06, .50 - Trans (24-39) Not 1st Gen: 2566, .06, .48 - Trans (40-59) 1st Gen: 2148, .08, .43 - Trans (40-59) Not 1st Gen: 2349, .10, .89 - Trans (60+) 1st Gen: 3394, .14, .83 - Trans (60+) Not 1st Gen: 3198, .12, .86	- New Fresh Not 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - Trans (60+) 1st Gen > Trans (24-39) 1st Gen - Trans (60+) 1st Gen > Trans (24-39) Not 1st Gen - Trans (60+) 1st Gen > Trans (40-59) 1st - Trans (60+) Not 1st Gen > Trans (24-39) Not 1st Gen

Appendix C.1.Table 5. Year 1 Extracurricular Memberships

Extracurricular Memberships

Greek Life Member (Dichotomous: Any 1+)

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,8830)}$ = 112.36, *p* < .001, ηp2 =.016 (low)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 6494, .05, .23 - New Fresh Not 1st Gen: 13675, .09, .29 - Trans (24-39) 1st Gen: 1797, .05, .21 - Trans (24-39) Not 1st Gen: 2255, .07, .25 - Trans (40-59) 1st Gen: 1851, .02, .14 - Trans (40-59) Not 1st Gen: 2033, .02, .15 - Trans (60+) 1st Gen: 2884, .01, .111 - Trans (60+) Not 1st Gen: 2768, .02, .13	- New Fresh 1st Gen > Trans (40-59) 1st Gen - New Fresh 1st Gen > Trans (40-59) Not 1st Gen - New Fresh 1st Gen > Trans (60+) 1st Gen - New Fresh 1st Gen > Trans (60+) Not 1st Gen - New Fresh Not 1st Gen > New Fresh 1st Gen - New Fresh Not 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - New Fresh Not 1st Gen > Trans (40-59) 1st Gen - New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen - New Fresh Not 1st Gen > Trans (60+) 1st Gen - New Fresh Not 1st Gen > Trans (60+) Not 1st Gen - Trans (24-39) 1st Gen > Trans (40-59) 1st Gen - Trans (24-39) 1st Gen > Trans (40-59) Not 1st Gen - Trans (24-39) 1st Gen > Trans (60+) 1st Gen - Trans (24-39) 1st Gen > Trans (60+) Not 1st Gen - Trans (24-39) Not 1st Gen > Trans (40-59) 1st Gen - Trans (24-39) Not 1st Gen > Trans (40-59) Not 1st Gen - Trans (24-39) Not 1st Gen > Trans (60+) 1st Gen - Trans (24-39) Not 1st Gen > Trans (60+) Not 1st Gen

Sports Club Member (Dichotomous: Any 1+)

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,8674)}$ = 53.08, *p* < .001, ηp2 =.009 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 6443, .05, .22 - New Fresh Not 1st Gen: 13391, .08, .27 - Trans (24-39) 1st Gen: 1750, .02, .16 - Trans (24-39) Not 1st Gen: 2224, .05, .23 - Trans (40-59) 1st Gen: 1823, .02, .15 - Trans (40-59) Not 1st Gen: 1823, .02, .15 - Trans (60+) 1st Gen: 2888, .02, .15 - Trans (60+) Not 1st Gen: 2754, .03, .18	- New Fresh 1st Gen > Trans (24-39) 1st Gen - New Fresh 1st Gen > Trans (40-59) 1st Gen - New Fresh 1st Gen > Trans (60+) 1st Gen - New Fresh 1st Gen > Trans (60+) Not 1st Gen - New Fresh Not 1st Gen > New Fresh 1st Gen - New Fresh Not 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - New Fresh Not 1st Gen > Trans (40-59) 1st Gen - New Fresh Not 1st Gen > Trans (40-59) Not 1st Gen - New Fresh Not 1st Gen > Trans (60+) 1st Gen - New Fresh Not 1st Gen > Trans (60+) Not 1st Gen - Trans (24-39) Not 1st Gen > Trans (24-39) 1st Gen - Trans (24-39) Not 1st Gen > Trans (40-59) 1st Gen - Trans (24-39) Not 1st Gen > Trans (60+) 1st Gen - Trans (24-39) Not 1st Gen > Trans (60+) Not 1st Gen - Trans (40-59) Not 1st Gen > Trans (24-39) 1st Gen - Trans (40-59) Not 1st Gen > Trans (40-59) 1st Gen - Trans (40-59) Not 1st Gen > Trans (60+) 1st Gen

Intramural Club Member (Continuous)

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(7,8619)}$ = 84.80, *p* < .001, ηp2 =.01 (low)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- New Fresh 1st Gen: 6494, .15, .48 - New Fresh Not 1st Gen: 13675, .22, .59 - Trans (24-39) 1st Gen: 1797, .13, .46 - Trans (24-39) Not 1st Gen: 2255, .17, .51	- New Fresh 1st Gen > Trans (40-59) 1st Gen - New Fresh 1st Gen > Trans (60+) 1st Gen - New Fresh 1st Gen > Trans (60+) Not 1st Gen - New Fresh Not 1st Gen > New Fresh 1st Gen

- Trans (40-59) 1st Gen: 1851, .10, .41 - Trans (40-59) Not 1st Gen: 2033, .12, .46 - Trans (60+) 1st Gen: 2884, .06, .30 - Trans (60+) Not 1st Gen: 2768, .08, .39	- New Fresh Not 1st Gen > Trans (24-39) 1st Gen - New Fresh Not 1st Gen > Trans (24-39) Not 1st Gen - New Fresh Not 1st Gen > Trans (40-59) 1st Gen - New Fresh Not 1st Gen > Trans (40-59)- Not 1st Gen - New Fresh Not 1st Gen > Trans (60+) 1st Gen - New Fresh Not 1st Gen > Trans (60+) Not 1st Gen

C.2. Transfer Students, Incoming Credits, & Transfer Institution Type Subgrouping

Appendix C.2.Table 1. Year 1 Library Engagement

Library Engagement Variables	
Book Checkouts	
Welch's ANOVA (F) & Effect (ηp2): $F_{(5,6752)}$ = 3.0, p < .05, ηp2 =.001 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 2017, .61, 3.3 ● Trans (24-39) 2YR-: 3229, .60, 3.4 ● Trans (40-59) 4YR+: 1586, .63, 2.4 ● Trans (40-59) 2YR-: 3512, .58, 2.4 ● Trans (60+) 4YR+: 2132, .95, 4.7 ● Trans (60+) 2YR-: 6043, .73, 4.0	Games-Howell Post Hoc Significant Results ● Trans (60+) 4YR+ > Trans (24-39) 2YR- ● Trans (60+) 4YR+ > Trans (40-59) 2YR-
Library Instruction	
Welch's ANOVA (F) & Effect (ηp2): $F_{(5,8219)}$ = 15.5, p < .001, ηp2 =.006 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 2641, .40, 1.0 ● Trans (24-39) 2YR-: 3911, .26, .7 ● Trans (40-59) 4YR+: 2048, .31, .9 ● Trans (40-59) 2YR-: 4294, .23, .7 ● Trans (60+) 4YR+: 2827, .23, .7 ● Trans (60+) 2YR-: 7595, .23, .6	Games-Howell Post Hoc Significant Results ● Trans (24-39) 4YR+ > Trans (24-39) 2YR- ● Trans (24-39) 4YR+ > Trans (40-59) 4YR+ ● Trans (24-39) 4YR+ > Trans (40-59) 2YR- ● Trans (24-39) 4YR+ > Trans (60+) 4YR+ ● Trans (24-39) 4YR+ > Trans (60+) 2YR- ● Trans (40-59) 4YR+ > Trans (40-59) 2YR- ● Trans (40-59) 4YR+ > Trans (60+) 4YR+ ● Trans (40-59) 4YR+ > Trans (60+) 2YR-
Library Desktop Computer Logins + Laptop Checkouts	
Welch's ANOVA (F) & Effect (ηp2): $F_{(5,5707)}$ = 2.40, p < .05, ηp2 =.001 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 1824, 6.69, 16.10 ● Trans (24-39) 2YR-: 2880, 7.27, 17.46 ● Trans (40-59) 4YR+: 1374, 6.57, 15.38 ● Trans (40-59) 2YR-: 2982, 7.69, 19.72 ● Trans (60+) 4YR+: 1678, 6.31, 18.79 ● Trans (60+) 2YR-: 5114, 6.44, 16.95	Games-Howell Post Hoc Significant Results ● Trans (40-59) 2YR- > Trans (60+) 2YR-
Study Room Reservations	
Welch's ANOVA (F) & Effect (ηp2): $F_{(5,8764)}$ = 2.0, p = .073 (not sig.)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 2641, 1.17, 8.0 ● Trans (24-39) 2YR-: 3911, 1.02, 5.8 ● Trans (40-59) 4YR+: 2048, .85, 4.3 ● Trans (40-59) 2YR-: 4293, 1.17, 5.6 ● Trans (60+) 4YR+: 2825, 1.06, 5.6 ● Trans (60+) 2YR-: 7593, 1.20, 6.7	Games-Howell Post Hoc Significant Results ● N/A
Total Authentications (EZProxy + OpenAthens)	
Welch's ANOVA (F) & Effect (ηp2): $F_{(5,8968)}$ = 20.9, p < .001, ηp2 =.004 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results

- Trans (24-39) 4YR+: 2641, 1.60, 4.06 - Trans (24-39) 2YR-: 3911, 1.69, 5.08 - Trans (40-59) 4YR+: 2048, 1.75, 4.46 - Trans (40-59) 2YR-: 4294, 2.10, 5.59 - Trans (60+) 4YR+: 2827, 2.52, 7.53 - Trans (60+) 2YR-: 7595, 2.59, 7.80	- Trans (40-59) 2YR- > Trans (24-39) 4YR+ - Trans (60+) 4YR+ > Trans (24-39) 4YR+ - Trans (60+) 4YR+ > Trans (24-39) 2YR- - Trans (60+) 4YR+ > Trans (40-59) 4YR+ - Trans (60+) 2YR- > Trans (24-39) 4YR+ - Trans (60+) 2YR- > Trans (24-39) 2YR- - Trans (60+) 2YR- > Trans (40-59) 4YR+ - Trans (60+) 2YR- > Trans (40-59) 2YR-

Appendix C.2.Table 2. Year 1 Career Center Engagement

Career Center Engagement Variables	
Career Center Advising	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,8598)}$=3.2, *p* < .001, ηp2 =.01 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 2641, .12, .5 ● Trans (24-39) 2YR-: 3911, .13, .5 ● Trans (40-59) 4YR+: 2048, .14, .5 ● Trans (40-59) 2YR-: 4294, .13, .5 ● Trans (60+) 4YR+: 2827, .17, .6 ● Trans (60+) 2YR-: 7595, .16, .6	Games-Howell Post Hoc Significant Results ● *No significant Games-Howell post hoc findings*
Career Fairs	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,7721)}$=2.8, *p* < .05, ηp2 =.001 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 2373, .12, .4 ● Trans (24-39) 2YR-: 3471, .11, .4 ● Trans (40-59) 4YR+: 1832, .13, .4 ● Trans (40-59) 2YR-: 3794, .14, .5 ● Trans (60+) 4YR+: 2551, .13, .4 ● Trans (60+) 2YR-: 6778, .13, .4	Games-Howell Post Hoc Significant Results ● Trans (40-59) 2YR- > Trans (24-39) 2YR-
Career Center Classroom Presentations	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,6702)}$=5.6, *p* < .001, ηp2 =.001 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 2167, .13, .4 ● Trans (24-39) 2YR-: 3018, .13, .4 ● Trans (40-59) 4YR+: 1628, .12, .5 ● Trans (40-59) 2YR-: 3323, .11, .4 ● Trans (60+) 4YR+: 2244, .08, .34 ● Trans (60+) 2YR-: 6002, .09, .4	Games-Howell Post Hoc Significant Results ● Trans (24-39) 4YR+ > Trans (60+) 4YR+ ● Trans (24-39) 4YR+ > Trans (60+) 2YR- ● Trans (24-39) 2YR- > Trans (60+) 4YR+ ● Trans (24-39) 2YR- > Trans (60+) 2YR- ● Trans (40-59) 4YR+ > Trans (60+) 4YR+
Career Center Self-Assessments	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,8498)}$=4.8, *p* < .001, ηp2 =.001 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 2641, .05, .2 ● Trans (24-39) 2YR-: 3911, .06, .2 ● Trans (40-59) 4YR+: 2048,.04, .2 ● Trans (40-59) 2YR-: 4294, .05, .2 ● Trans (60+) 4YR+: 2827, .04, .2 ● Trans (60+) 2YR-: 7595, .04, .2	Games-Howell Post Hoc Significant Results ● Trans (24-39) 2YR- > Trans (40-59) 4YR+ ● Trans (24-39) 2YR- > Trans (60+) 4YR+ ● Trans (24-39) 2YR- > Trans (60+) 2YR-
Career Center Workshops	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,9237)}$=8.8, *p* < .001, ηp2 =.001 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 2641, .02, .2 ● Trans (24-39) 2YR-: 3911, .03, .2 ● Trans (40-59) 4YR+: 2048, .03, .2 ● Trans (40-59) 2YR-: 4294, .05, .3 ● Trans (60+) 4YR+: 2827, .04, .3	Games-Howell Post Hoc Significant Results ● Trans (40-59) 2YR- > Trans (24-39) 4YR+ ● Trans (40-59) 2YR- > Trans (24-39) 2YR- ● Trans (40-59) 2YR- > Trans (40-59) 4YR+ ● Trans (60+) 2YR- > Trans > Trans (24-39) 4YR+ ● Trans (60+) 2YR- > Trans (24-39) 2YR-

● Trans (60+) 2YR-: 7595, .05, .4	● Trans (60+) 2YR- > Trans (40-59) 4YR+

Appendix C.2.Table 3. Year 1 UCAE Engagement

University Center for Academic Excellence Engagement Variables	
Classroom Presentations	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1711)}$ = 9.8, *p* < .001, ηp2 =.011 (low)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 474, .20, .5 ● Trans (24-39) 2YR-: 893, .20, .6 ● Trans (40-59) 4YR+: 420, .12, .4 ● Trans (40-59) 2YR-: 971, .12, .4 ● Trans (60+) 4YR+: 583, .07, .3 ● Trans (60+) 2YR-: 1593, .11, .4	Games-Howell Post Hoc Significant Results ● Trans (24-39) 4YR+ > Trans (40-59) 2YR- ● Trans (24-39) 4YR+ > Trans (60+) 4YR+ ● Trans (24-39) 4YR+ > Trans (60+) 2YR- ● Trans (24-39) 2YR- > Trans (40-59) 2YR- ● Trans (24-39) 2YR- > Trans (60+) 4YR+ ● Trans (24-39) 2YR- > Trans (60+) 2YR- ● Trans (40-59) 2YR- > Trans (60+) 4YR+ ● Trans (40-59) 2YR- > Trans (60+) 2YR-
Individual Consultations	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,8554)}$ = 1.00, *p* =.416 (not sig.)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 2641, .02, .2 ● Trans (24-39) 2YR-: 3911, .03, .3 ● Trans (40-59) 4YR+: 2048, .02, .2 ● Trans (40-59) 2YR-: 4294, .03, .2 ● Trans (60+) 4YR+: 2827, .02, .2 ● Trans (60+) 2YR-: 7595, .02,.2	Games-Howell Post Hoc Significant Results ● N/A
Peer Assisted Learning + Supplemental Instruction	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,8492)}$ =8.4, *p* < .001, ηp2 =.002 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 2641, .80, 2.9 ● Trans (24-39) 2YR-: 3911, .78, 3.2 ● Trans (40-59) 4YR+: 2048, .56, 2.3 ● Trans (40-59) 2YR-: 4294, .71, 2.8 ● Trans (60+) 4YR+: 2827, .60, 3.1 ● Trans (60+) 2YR-: 7595, .50, 2.6	Games-Howell Post Hoc Significant Results ● Trans (24-39) 4YR+ > Trans (40-59) 4YR+ ● Trans (24-39) 4YR+ > Trans (60+) 2YR- ● Trans (24-39) 2YR- > Trans (40-59) 4YR+ ● Trans (24-39) 2YR- > Trans (60+) 2YR- ● Trans (40-59) 2YR-> Trans (60+) 2YR-
Seminars	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1786)}$ = 2.5, *p* < .05, ηp2 =.003 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 474, .11, .6 ● Trans (24-39) 2YR-: 893, .13, .7 ● Trans (40-59) 4YR+: 420, .06, .5 ● Trans (40-59) 2YR-: 971, .16, .9 ● Trans (60+) 4YR+: 583, .06, .5 ● Trans (60+) 2YR-: 1593, .08, .5	Games-Howell Post Hoc Significant Results ● *No significant post hoc finding*
Success Guides	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,741)}$ = 4.0, *p* < .001, ηp2 =.004 (negligible)	

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) 4YR+: 206, .14, .8 - Trans (24-39) 2YR-: 453, .11, .4 - Trans (40-59) 4YR+: 204, .10, .4 - Trans (40-59) 2YR-: 471, .08, .5 - Trans (60+) 4YR+: 307, .09, 1.1 - Trans (60+) 2YR-: 776, .03, .2	Trans (24-39) 2YR- > Trans (60+) 2YR-

Student Success (Peer Mentoring)

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,8414)}$ = 11.3, *p* < .001, ηp2 =.004 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) 4YR+: 2641, .32, 2.1 - Trans (24-39) 2YR-: 3911, .44, 2.4 - Trans (40-59) 4YR+: 2048, .39, 2.3 - Trans (40-59) 2YR-: 4294, .39, 2.3 - Trans (60+) 4YR+: 2827, .16, 1.5 - Trans (60+) 2YR-: 7594, .22, 1.8	- Trans (24-39) 4YR+ > Trans (60+) 4YR+ - Trans (24-39) 2YR- > Trans (60+) 4YR+ - Trans (24-39) 2YR- > Trans (60+) 2YR- - Trans (40-59) 4YR+ > Trans (60+) 4YR+ - Trans (40-59) 4YR+ > Trans (60+) 2YR- - Trans (40-59) 2YR- > Trans (60+) 4YR+ - Trans (40-59) 2YR- > Trans (60+) 2YR-

Tutoring Sessions

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,8516)}$ = 5.7, *p* < .001, ηp2 =.002 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) 4YR+: 2641, .60, 3.5 - Trans (24-39) 2YR-: 3911, .50, 2.1 - Trans (40-59) 4YR+: 2048, .36, 1.6 - Trans (40-59) 2YR-: 4294, .44, 2.1 - Trans (60+) 4YR+: 2827, .36, 1.9 - Trans (60+) 2YR-: 7595, .34, 1.9	- Trans (24-39) 4YR+ > Trans (60+) 4YR+ - Trans (24-39) 4YR+ > Trans (60+) 2YR- - Trans (24-39) 2YR- > Trans (60+) 2YR-

Workshop Sessions

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,8150)}$ = 19.1, *p* < .001, ηp2 =.003 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) 4YR+: 2641, .35, 1.2 - Trans (24-39) 2YR-: 3911, .39, .26 - Trans (40-59) 4YR+: 2048, .35, 2.3 - Trans (40-59) 2YR-: 4294, .29, 2.0 - Trans (60+) 4YR+: 2827, .15, 1.1 - Trans (60+) 2YR-: 7595, .16, 1.1	- Trans (24-39) 4YR+ > Trans (60+) 4YR+ - Trans (24-39) 4YR+ > Trans (60+) 2YR- - Trans (24-39) 2YR- > Trans (60+) 4YR+ - Trans (24-39) 2YR- > Trans (60+) 2YR- - Trans (40-59) 4YR+ > Trans (60+) 4YR+ - Trans (40-59) 4YR+ > Trans (60+) 2YR- - Trans (40-59) 2YR- > Trans (60+) 4YR+ - Trans (40-59) 2YR- > Trans (60+) 2YR-

Appendix C.2.Table 4. Year 1 Writing Center Engagement

Writing Center Engagement Variables	
Class Presentations	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,67250)}$ = 18.3, *p* < .001, ηp2 =.006 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 2017, .08, .4 ● Trans (24-39) 2YR-: 3229, .05, .3 ● Trans (40-59) 4YR+: 1586, .06, .3 ● Trans (40-59) 2YR-: 3512, .04, .2 ● Trans (60+) 4YR+: 2132, .03, .2 ● Trans (60+) 2YR-: 6043, .02, .2	Games-Howell Post Hoc Significant Results ● Trans (24-39) 4YR+ > Trans (24-39) 2YR- ● Trans (24-39) 4YR+ > Trans (40-59) 2YR- ● Trans (24-39) 4YR+ > Trans (60+) 4YR+ ● Trans (24-39) 4YR+ > Trans (60+) 2YR- ● Trans (24-39) 2YR- > Trans (60+) 4YR+ ● Trans (24-39) 2YR- > Trans (60+) 2YR- ● Trans (40-59) 4YR+ > Trans (60+) 4YR+ ● Trans (40-59) 4YR+ > Trans (60+) 2YR-
Individual Consultations	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,7173)}$ = 9.8, *p* < .001, ηp2 =.002 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) 4YR+: 2017, .08, .6 ● Trans (24-39) 2YR-: 3229, .07, .5 ● Trans (40-59) 4YR+: 1586, .05, .3 ● Trans (40-59) 2YR-: 3512, .10, .8 ● Trans (60+) 4YR+: 2132, .12, .9 ● Trans (60+) 2YR-: 6043, .13, .8	Games-Howell Post Hoc Significant Results ● Trans (40-59) 2YR- > Trans (40-59) 4YR+ ● Trans (60+) 4YR+ > Trans (40-59) 4YR+ ● Trans (60+) 2YR- > Trans (24-39) 4YR+ ● Trans (60+) 2YR- > Trans (24-39) 2YR- ● Trans (60+) 2YR- > Trans (40-59) 4YR+

Appendix C.2.Table 5. Year 1 Extracurricular Memberships

Extracurricular Memberships

Greek Life Member (Dichotomous: Any 1+)

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,5251)}$ = 30.6, *p* < .001, ηp2 =.014 (low)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) 4YR+: 1691, .07, .3 - Trans (24-39) 2YR-: 2827, .05, .2 - Trans (40-59) 4YR+: 1337, .03, .2 - Trans (40-59) 2YR-: 3069, .02, .1 - Trans (60+) 4YR+: 1802, .02, .1 - Trans (60+) 2YR-: 5192, .01, .1	- Trans (24-39) 4YR+ > Trans (24-39) 2YR- - Trans (24-39) 4YR+ > Trans (40-59) 4YR+ - Trans (24-39) 4YR+ > Trans (40-59) 2YR- - Trans (24-39) 4YR+ > Trans (60+) 4YR+ - Trans (24-39) 4YR+ > Trans (60+) 2YR- - Trans (24-39) 2YR- > Trans (40-59) 2YR- - Trans (24-39) 2YR- > Trans (60+) 4YR+ - Trans (24-39) 2YR- > Trans (60+) 2YR- - Trans (40-59) 4YR+ > Trans (40-59) 2YR- - Trans (40-59) 4YR+ > Trans (60+) 2YR-

Sports Club Member (Dichotomous: Any 1+)

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,5456)}$ = 5.9, *p* < .001, ηp2 =.002 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) 4YR+: 1690, .05, .2 - Trans (24-39) 2YR-: 2798, .03, .2 - Trans (40-59) 4YR+: 1353, .04, .2 - Trans (40-59) 2YR-: 3045, .03, .2 - Trans (60+) 4YR+: 1774, .03, .2 - Trans (60+) 2YR-: 5207, .02, .2	- Trans (24-39) 4YR+ > Trans (24-39) 2YR- - Trans (24-39) 4YR+ > Trans (40-59) 4YR+ - Trans (24-39) 4YR+ > Trans (40-59) 2YR- - Trans (24-39) 4YR+ > Trans (60+) 4YR+ - Trans (40-59) 4YR+ > Trans (60+) 2YR-

Intramural Club Member (Continuous)

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,5456)}$ = 27.8, *p* < .001, ηp2 =.009 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) 4YR+: 1691, .16, .5 - Trans (24-39) 2YR-: 2827, .14, .5 - Trans (40-59) 4YR+: 1337, .11, .4 - Trans (40-59) 2YR-: 3069, .10, .4 - Trans (60+) 4YR+: 1802, .06, .3 - Trans (60+) 2YR-: 5192, .06, .3	- Trans (24-39) 4YR+ > Trans (40-59) 4YR+ - Trans (24-39) 4YR+ > Trans (40-59) 2YR- - Trans (24-39) 4YR+ > Trans (60+) 4YR+ - Trans (24-39) 4YR+ > Trans (60+) 2YR- - Trans (24-39) 2YR- > Trans (40-59) 2YR- - Trans (24-39) 2YR- > Trans (60+) 4YR+ - Trans (24-39) 2YR- > Trans (60+) 2YR- - Trans (40-59) 4YR+ > Trans (60+) 4YR+ - Trans (40-59) 4YR+ > Trans (60+) 2YR- - Trans (40-59) 2YR- > Trans (60+) 4YR+ - Trans (40-59) 2YR- > Trans (60+) 2YR-

C.3. Transfer Students, Incoming Credits, & In-State or Out-of-State Transfer Institution Subgrouping

Appendix C.3.Table 1. Year 1 Library Engagement

Library Engagement Variables

Book Checkouts

Welch's ANOVA (F) & Effect (ηp2): $F_{(5,1551)}$ = 2.92, p <.05, ηp2 =.001 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) InState: 4409, .59, 3.37 - Trans (24-39) OutState: 316, .98, 4.57 - Trans (40-59) InState: 4150, .59, 2.44 - Trans (40-59) OutState: 381, .52, 1.99 - Trans (60+) InState: 6813, .79, 4.15 - Trans (60+) OutState: 535, .69, 3.52	Trans (60+ cr) InState > Trans (40-59 cr) InState

Library Instruction

Welch's ANOVA (F) & Effect (ηp2): $F_{(5,1950)}$ = 8.80, p < .001, ηp2 =.003 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) InState: 5500, .31, .84 - Trans (24-39) OutState: 400, .39, 1.19 - Trans (40-59) InState: 5140, .25, .75 - Trans (40-59) OutState: 486, .24, .62 - Trans (60+) InState: 8650, .23, .62 - Trans (60+) OutState: 692, .22, .56	- Trans (24-39 cr) InState > Trans (40-59 cr) > InState - Trans (24-39 cr) InState > Trans (60+ cr) InState - Trans (24-39 cr) InState > Trans (60+ cr) OutState - Trans (24-39 cr) OutState > Trans (60+ cr) OutState

Library Desktop Computer Logins + Laptop Checkouts

Welch's ANOVA (F) & Effect (ηp2): $F_{(5,1249)}$ = 5.69, p < .001, ηp2 =.001 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) InState: 3999, 7.33, 17.62 - Trans (24-39) OutState: 258, 4.97, 9.94 - Trans (40-59) InState: 3584, 7.40, 18.51 - Trans (40-59) OutState: 301, 7.70, 20.83 - Trans (60+) InState: 5746, 6.66, 17.71 - Trans (60+) OutState: 402, 4.53, 13.36	- Trans (24-39 cr) InState > Trans (24-39) OutState - Trans (24-39 cr) InState > Trans (60+ cr) OutState - Trans (40-59 cr) InState > Trans (60+ cr) OutState - Trans (60+ cr) InState > Trans (60+ cr) OutState

Study Room Reservations

Welch's ANOVA (F) & Effect (ηp2): $F_{(5,2012)}$ = .50, p > .05 (not significant)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) InState: 5500, 1.13, 7.24 - Trans (24-39) OutState: 400, 1.11, 4.67 - Trans (40-59) InState: 5139, 1.08, 5.36 - Trans (40-59) OutState: 486, 1.02, 5.24 - Trans (60+) InState: 8647, 1.20, 6.66 - Trans (60+) OutState: 692, .97, 4.56	N/A

Total Authentications (EZProxy + OpenAthens)

Welch's ANOVA (F) & Effect (ηp2): $F_{(5,1989)}$ = 16.45, p < .001, ηp2 =.004 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
Trans (24-39) InState: 5500, 1.67, 4.84	Trans (40-59 cr) InState > Trans (24-39 cr) InState

● Trans (24-39) OutState: 400, 1.83, 4.31 ● Trans (40-59) InState: 5140, 2.04, 5.43 ● Trans (40-59) OutState: 486, 1.88, 4.72 ● Trans (60+) InState: 8650, 2.61, 7.77 ● Trans (60+) OutState: 692, 2.47, 6.83	● Trans (60+ cr) InState > Trans (24-39 cr) InState ● Trans (60+ cr) InState > Trans (24-39 cr) OutState ● Trans (60+ cr) InState > Trans (40-59 cr) InState ● Trans (60+ cr) InState > Trans (40-59 cr) OutState ● Trans (60+ cr) OutState > Trans (24-39 cr) InState

Appendix C.3.Table 2. Year 1 Career Center Engagement

Career Center Engagement Variables	
Career Center Advising	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1982)}$ =3.73, *p* < .01, ηp2 =.001 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) InState: 5500, .13, .54 ● Trans (24-39) OutState: 400, .12, .44 ● Trans (40-59) InState: 5140, .13, .52 ● Trans (40-59) OutState: 486, .12, .44 ● Trans (60+) InState: 8650, .16, .58 ● Trans (60+) OutState: 692, .16, .56	Games-Howell Post Hoc Significant Results ● Trans (60+ cr) InState > Trans (24-39 cr) InState ● Trans (60+ cr) InState > Trans (40-59 cr) InState
Career Fairs	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1749)}$ =5.75, *p* < .001, ηp2 =.001 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) InState: 4896, .11, .37 ● Trans (24-39) OutState: 359, .14, .49 ● Trans (40-59) InState: 4550, .14, .46 ● Trans (40-59) OutState: 429, .08, .30 ● Trans (60+) InState: 7734, .13, .43 ● Trans (60+) OutState: 615, .12, .44	Games-Howell Post Hoc Significant Results ● Trans (40-59 cr) InState > Trans (24-39 cr) InState ● Trans (40-59 cr) InState > Trans (40-59 cr) OutState ● Trans (60+ cr) InState > Trans (24-39 cr) InState ● Trans (60 + cr) InState > Trans (40-59 cr) OutState
Career Center Classroom Presentations	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1538)}$ =4.84, *p* < .001, ηp2 =.002 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) InState: 4317, .13, .45 ● Trans (24-39) OutState: 324, .09, .38 ● Trans (40-59) InState: 3991, .12, .42 ● Trans (40-59) OutState: 383, .14, .53 ● Trans (60+) InState: 6830, .09, .38 ● Trans (60+) OutState: 529, .09, .37	Games-Howell Post Hoc Significant Results ● Trans (24-39 cr) InState > Trans (60+ cr) InState
Career Center Self-Assessments	
Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1958)}$ =2.98, *p* < .05, ηp2 =.001 (negligible)	
Descriptives (Group: N, Mean, Standard Deviation) ● Trans (24-39) InState: 5500, .05, .24 ● Trans (24-39) OutState: 400, .04, .20 ● Trans (40-59) InState: 5140, .04, .22 ● Trans (40-59) OutState: 486, .04, .21 ● Trans (60+) InState: 8650, .04, .20 ● Trans (60+) OutState: 692, .04, .20	Games-Howell Post Hoc Significant Results ● Trans (24-39 cr) InState > Trans (60+ cr) InState
Career Center Workshops	

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1998)}$ =6.45, *p* < .001, ηp2 =.001 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
• Trans (24-39) InState: 5500, .03, .20 • Trans (24-39) OutState: 400, .02, .18 • Trans (40-59) InState: 5140, .04, .30 • Trans (40-59) OutState: 486, .03, .20 • Trans (60+) InState: 8650, .05, .38 • Trans (60+) OutState: 692, .06, .51	• Trans (40-59 cr) InState > Trans (24-39 cr) InState • Trans (60+ cr) InState > Trans (24-39 cr) InState • Trans (60+ cr) InState > Trans (24-39 cr) OutState

Appendix C.3.Table 3. Year 1 UCAE Engagement

University Center for Academic Excellence Engagement Variables

Classroom Presentations

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,420)}$ = 12.42, *p* < .001, ηp2 =.01 (low)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
● Trans (24-39) InState: 1183, .19, .53 ● Trans (24-39) OutState: 76, .21, .68 ● Trans (40-59) InState: 1149, .13, .41 ● Trans (40-59) OutState: 103, .05, .26 ● Trans (60+) InState: 1820, .10, .38 ● Trans (60+) OutState: 163, .04, .19	● Trans (24-39 cr) InState > Trans (40-59 cr) InState ● Trans (24-39 cr) InState > Trans (40-59 cr) Out State ● Trans (24-39 cr) InState > Trans (60+ cr) InState ● Trans (24-39 cr) InState > Trans (60+ cr) OutState ● Trans (40-59 cr) InState > Trans (60+ cr) OutState ● Trans (60+ cr) InState > Trans (60+ cr) OutState

Individual Consultations

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,2052)}$ = 3.55, *p* < .01, ηp2 =.001 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
● Trans (24-39) InState: 5500, .02, .22 ● Trans (24-39) OutState: 400, .05, .31 ● Trans (40-59) InState: 5140, .03, .25 ● Trans (40-59) OutState: 486, .01, .25 ● Trans (60+) InState: 8650, .02, .21 ● Trans (60+) OutState: 692, .01, .15	● Trans (24-39 cr) InState > Trans (40-59 cr) OutState ● Trans (40-59 cr) InState > Trans (40-59 cr) OutState

Peer Assisted Learning + Supplemental Instruction

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,428)}$ = 3.35, *p* < .01, ηp2 =.003 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
● Trans (24-39) InState: 1183, .59, 2.43 ● Trans (24-39) OutState: 76, .22, 1.10 ● Trans (40-59) InState: 1148, .57, 2.38 ● Trans (40-59) OutState: 103, .37, 1.72 ● Trans (60+) InState: 1820, .39, 2.01 ● Trans (60+) OutState: 163, .23, 1.22	● Trans (24-39 cr) InState > Trans (60+ cr) OutState ● Trans (40-59 cr) InState > Trans (60+ cr) OutState

Seminars

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,4493)}$ = 6.87, *p* < .05, ηp2 =.003 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
● Trans (24-39) InState: 1183, .13, .69 ● Trans (24-39) OutState: 76, .11, .70 ● Trans (40-59) InState: 1149, .15, .89 ● Trans (40-59) OutState: 103, .01, .10 ● Trans (60+) InState: 1820, .08, .65 ● Trans (60+) OutState: 163, .00, .00	● Trans (24-39 cr) InState > Trans (40-59 cr) OutState ● Trans (24-39 cr) InState > Trans (60+ cr) OutState ● Trans (40-59 cr) InState > Trans (40-59 cr) OutState ● Trans (40-59 cr) InState > Trans (60+ cr) OutState ● Trans (60+ cr) InState > Trans (40-59 cr) OutState ● Trans (60+ cr) InState > Trans (60+ cr) OutState

Success Guides

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1571)}$ = 6.97, *p* < .001, ηp2 =.002 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
● Trans (24-39) InState: 4317, .89, 3.42 ● Trans (24-39) OutState: 324, .53, 1.82 ● Trans (40-59) InState: 3991, .70, 2.77 ● Trans (40-59) OutState: 383, .55, 2.50	● Trans (24-39 cr) InState > Trans (24-39 cr) OutState ● Trans (24-39 cr) InState > Trans (60+ cr) InState

● Trans (60+) InState: 6830, .55, 2.74 ● Trans (60+) OutState: 529, .74, 3.98	

Student Success (Peer Mentoring)

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1994)}$ =11.67, *p* < .001, ηp2 =.002 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
● Trans (24-39) InState: 5500, .40, 2.37 ● Trans (24-39) OutState: 400, .26, 1.86 ● Trans (40-59) InState: 5140, .43, 2.41 ● Trans (40-59) OutState: 486, .21, 1.75 ● Trans (60+) InState: 8649, .22, 1.76 ● Trans (60+) OutState: 692, .12, 1.26	● Trans (24-39 cr) InState > Trans (60+ cr) InState ● Trans (24-39 cr) InState > Trans (60+ cr) OutState ● Trans (40-59 cr) InState > Trans (60+ cr) InState ● Trans (40-59 cr) InState > Trans (60+ cr) OutState

Tutoring Sessions

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1090)}$ = 5.74, *p* < .001, ηp2 =.002 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
● Trans (24-39) InState: 5500, .51, 2.12 ● Trans (24-39) OutState: 400, .88, 7.28 ● Trans (40-59) InState: 5140, .42, 1.98 ● Trans (40-59) OutState: 486, .48, 2.06 ● Trans (60+) InState: 8650, .34, 1.86 ● Trans (60+) OutState: 692, .45, 2.54	● Trans (24-39 cr) InState > Trans (60+ cr) InState

Workshop Sessions

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,2062)}$ = 16.75, *p* < .001, ηp2 =.003 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
● Trans (24-39) InState: 5500, .38, 2.06 ● Trans (24-39) OutState: 400, .26, 1.08 ● Trans (40-59) InState: 5140, .33, 2.24 ● Trans (40-59) OutState: 486, .33, 1.51 ● Trans (60+) InState: 8650, .16, 1.14 ● Trans (60+) OutState: 692, .12, .58	● Trans (24-39 cr) InState > Trans (60+ cr) InState ● Trans (24-39 cr) InState > Trans (60+ cr) OutState ● Trans (40-59 cr) InState > Trans (60+ cr) InState ● Trans (40-59 cr) InState > Trans (60+ cr) OutState ● Trans (40-59 cr) OutState > Trans (60+ cr) OutState

Appendix C.3.Table 4. Year 1 Writing Center Engagement

Writing Center Engagement Variables

Class Presentations

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1515)}$ = 13.15, *p* < .001, ηp2 =.005 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
• Trans (24-39) InState: 4409, .06, .31 • Trans (24-39) OutState: 316, .09, .36 • Trans (40-59) InState: 4150, .04, .26 • Trans (40-59) OutState: 381, .04, .23 • Trans (60+) InState: 6813, .02, .19 • Trans (60+) OutState: 535, .03, .20	• Trans (24-39 cr) InState > Trans (40-59 cr) InState • Trans (24-39 cr) InState > Trans (60+ cr) InState • Trans (24-39 cr) InState > Trans (60+ cr) OutState • Trans (24-39 cr) OutState > Trans (60+ cr) InState • Trans (24-39 cr) OutState > Trans (60+ cr) OutState • Trans (40-59 cr) InState > Trans (60+ cr) InState

Individual Consultations

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1609)}$ = 5.60, *p* < .001, ηp2 =.001 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
• Trans (24-39) InState: 4409, .07, .54 • Trans (24-39) OutState: 316, .09, .45 • Trans (40-59) InState: 4150, .09, .74 • Trans (40-59) OutState: 381, .05, .36 • Trans (60+) InState: 6813, .13, .86 • Trans (60+) OutState: 535, .13, .78	• Trans (60+ cr) InState > Trans (24-39 cr) InState • Trans (60+ cr) InState > Trans (40-59 cr) InState

Appendix C.3.Table 5. Year 1 Extracurricular Memberships

Extracurricular Memberships

Greek Life Member (Dichotomous: Any 1+)

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1272)}$ = 23.38, *p* < .001, ηp2 =.012 (low)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) InState: 3820, .05, .22 - Trans (24-39) OutState: 262, .08, .27 - Trans (40-59) InState: 3610, .02, .14 - Trans (40-59) OutState: 321, .01, .11 - Trans (60+) InState: 5857, .01, .11 - Trans (60+) OutState: 462, .02, .14	- Trans (24-39 cr) InState > Trans (40-59 cr) InState - Trans (24-39 cr) InState > Trans (40-59 cr) OutState - Trans (24-39 cr) InState > Trans (60+ cr) InState - Trans (24-39 cr) InState > Trans (60+ cr) OutState - Trans (24-39 cr) OutState > Trans (40-59 cr) InState - Trans (24-39 cr) OutState > Trans (40-59 cr) OutState - Trans (24-39 cr) OutState > Trans (60+ cr) InState - Trans (24-39 cr) OutState > Trans (60+ cr) OutState - Trans (40-59 cr) InState > Trans (60+ cr) InState

Sports Club Member (Dichotomous: Any 1+)

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5, 1299)}$ = 3.13, *p* < .01, ηp2 =.001 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) InState: 3787, .04, .19 - Trans (24-39) OutState: 274, .04, .21 - Trans (40-59) InState: 3589, .03, .17 - Trans (40-59) OutState: 323, .02, .15 - Trans (60+) InState: 5866, .02, .16 - Trans (60+) OutState: 442, .02, .16	Trans (24-39 cr) InState > Trans (60+ cr) InState

Intramural Club Member (Continuous)

Welch's ANOVA (*F*) & Effect (ηp2): $F_{(5,1323)}$ = 26.63, *p* < .001, ηp2 =.009 (negligible)

Descriptives (Group: N, Mean, Standard Deviation)	Games-Howell Post Hoc Significant Results
- Trans (24-39) InState: 3820, .15, .48 - Trans (24-39) OutState: 262, .10, .44 - Trans (40-59) InState: 3610, .11, .43 - Trans (40-59) OutState: 321, .04, .25 - Trans (60+) InState: 5857, .06, .34 - Trans (60+) OutState: 462, .04, .26	- Trans (24-39 cr) InState > Trans (40-59 cr) InState - Trans (24-39 cr) InState > Trans (40-59 cr) OutState - Trans (24-39 cr) InState > Trans (60+ cr) InState - Trans (24-39 cr) InState > Trans (60+ cr) OutState - Trans (40-59 cr) InState > Trans (40-59 cr) OutState - Trans (40-59 cr) InState > Trans (60+ cr) InState - Trans (40-59 cr) InState > Trans (60+ cr) OutState

Appendix D. RQ3: Retention to 2nd Year Binary Logistic Regression Results

D.1. Library Engagements

D.1.A. Library Instruction

Table D.1.A.1. Admit Status + Incoming Credits + 1st Generation Status

Library Instruction Engagements & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 60+ incoming credits - 1st Generation					
Library Instruction (Yr 1 Total)	.446**	.168	7.030	1.562	1.123, 2.173
Propensity Score	4.205*	2.124	3.921	67.042	1.044, 4304.991
Constant	Not sig.	--	--		
N=1056; Pseudo R^2 = .021 (Nagelkerke); Model $\chi2_{(2)}$=14.209, p<.001					
Transfers with 60+ incoming credits - Not 1st Generation					
Library Instruction (Yr 1 Total)	.286*	.140	4.197	1.332	1.012, 1.751
Propensity Score	5.471	1.829	8.944	237.608	6.589, 8568.161
Constant	-2.792*	1.392	4.022		
N=1185; Pseudo R^2 = .022 (Nagelkerke); Model $\chi2_{(2)}$=16.054, p<.001					
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - FTIC Not 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table D.1.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Instruction Engagements & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
Library Instruction (Yr 1 Total)	.331*	.158	4.408	1.392	1.022, 1.896
Propensity Score	Not sig.	--	--	--	--
Constant	--	--	--		
N=935; Pseudo R^2 = .015 (Nagelkerke); Model $\chi2_{(2)}$=9.532, p<.01					
Transfers with 60+ incoming credits -Transferred from a Community College					
Library Instruction (Yr 1 Total)	.516***	.115	20.134	1.676	1.337, 2.100
Propensity Score	3.760***	.723	27.049	42.937	10.411, 177.081
Constant	-1.511***	.429	12.417		
N=2253; Pseudo R^2 = .021 (Nagelkerke); Model $\chi2_{(2)}$=29.350, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution • Transfers with 24-39 incoming credits -Transferred from a Community College • Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution • Transfers with 40-59 incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table D.1.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Instruction Engagements & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Library Instruction (Yr 1 Total)	.420***	.107	15.343	1.521	1.233, 1.877
Propensity Score	5.301***	1.253	17.912	200.566	17.222, 2335.787
Constant	-2.793**	.957	8.514		
N=2804; Pseudo R^2 = .024 (Nagelkerke); Model $\chi2_{(2)}$=42.406, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a NC Institution • Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from a NC Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.1.B. Library Laptop Checkouts & Desktop Logins

Table D.1.B.1. Admit Status + Incoming Credits + 1st Generation Status

Library Laptop Checkouts & Desktop Logins & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Library Laptops & Desktops (Yr 1 Total)	.011***	.003	10.915	1.011	1.004, 1.018
Propensity Score	11.200***	.452	612.909	73149.404	30138.432, 177541.925
Constant	-7.868***	.370	451.697		
N=7408; Pseudo R^2 = .141 (Nagelkerke); Model $\chi2_{(2)}$=673.951, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Library Laptops & Desktops (Yr 1 Total)	.005*	.002	3.870	1.005	1.000, 1.010
Propensity Score	8.825***	.323	747.598	6801.378	3612.985, 12803.468
Constant	-5.738***	.267	460.269		
N=15269; Pseudo R^2 = .083 (Nagelkerke); Model $\chi2_{(2)}$=754.169, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Library Laptops & Desktops (Yr 1 Total)	.022**	.008	7.521	1.022	1.006, 1.038
Propensity Score	5.560***	1.397	15.828	259.702	16.787, 4017.61
Constant	-2.970	1.080	7.562		
N=1222; Pseudo R^2 = .038 (Nagelkerke); Model $\chi2_{(2)}$=28.850, p<.001					
Transfers with 60+ incoming credits - Not 1st Generation					
Library Laptops & Desktops (Yr 1 Total)	.012*	.004	9.179	1.012	1.004, 1.020
Propensity Score	8.863***	.634	195.183	7066.482	2037.972, 24502.382
Constant	-5.893***	.509	134.060		
N=1184; Pseudo R^2 = .025 (Nagelkerke); Model $\chi2_{(2)}$=18.366, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation					

* < .05, ** < .01, *** < .001

Table D.1.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Laptop Checkouts & Desktop Logins & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a Community College					
Library Laptops & Desktops (Yr 1 Total)	.015**	.006	7.410	1.015	1.004, 1.027
Propensity Score	4.828***	1.238	15.212	124.915	11.042, 1413.199
Constant	-2.258	.946	5.692		
N=1893; Pseudo R^2 = .024 (Nagelkerke); Model $\chi 2_{(2)}$=27.279, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table D.1.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Laptop Checkouts & Desktop Logins & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Library Laptops & Desktops (Yr 1 Total)	.012**	.004	7.107	1.012	1.003, 1.020
Propensity Score	5.875***	.980	35.979	356.155	52.225, 2428.864
Constant	-3.018***	.752	16.101		
N=2825; Pseudo R^2 = .030 (Nagelkerke); Model $\chi 2_{(2)}$=450.750, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

Table D.1.C.1. Admit Status + Incoming Credits + 1st Generation Status

Library EZProxy & OpenAthens Authentications & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Library Authentications (Yr 1 Total)	.095***	.009	1.06.669	1.100	1.080, 1.120
Propensity Score	11.306***	.456	614.614	81273.694	33248.982, 198665.133
Constant	-8.131***	375	470.740		
N=7411; Pseudo R^2= .167 (Nagelkerke); Model χ2$_{(2)}$=810.294, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Library Authentications (Yr 1 Total)	.060***	.005	120.496	1.062	1.051, 1.073
Propensity Score	9.002***	.324	772.299	8116.765	4301.955, 15314.402
Constant	-6037***	.269	501.908		
N=15286; Pseudo R^2= .100 (Nagelkerke); Model χ2$_{(2)}$=918.179, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Library Authentications (Yr 1 Total)	.144***	.033	19.219	1.155	1.083, 1.232
Propensity Score	6.225***	1.405	19.639	505.262	32.199, 7928.496
Constant	-3577***	1.089	10.777		
N=1222; Pseudo R^2= .064 (Nagelkerke); Model χ2$_{(2)}$=49.329, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Library Authentications (Yr 1 Total)	.162***	.031	27.631	1.176	1.107, 1.250
Propensity Score	6.419***	1.218	27.771	613.396	56.352, 6676.839
Constant	-3.583***	.938	14.594		
N=1720; Pseudo R^2= .067 (Nagelkerke); Model χ2$_{(2)}$=70.537, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
Library Authentications (Yr 1 Total)	.047*	.020	5.775	1.048	1.009, 1.089
Propensity Score	3.821*	1.738	4.836	45.648	1.515, 1375.500
Constant	Not sig	--	--		
N=890; Pseudo R^2= .020 (Nagelkerke); Model χ2$_{(2)}$=12.038, p<.01					
Transfers with 40-59 incoming credits - Not 1st Generation					

Library Authentications (Yr 1 Total)	.140***	.032	19.390	1.150	1.081, 1.224
Propensity Score	3.999*	1.638	5.961	54.545	2.201, 1352.006
Constant	Not sig	--	--		
N=1126; Pseudo R^2 = .055 (Nagelkerke); Model $\chi2_{(2)}$=38.949, p<.001					
Transfers with 60+ incoming credits - Not 1st Generation					
Library Authentications (Yr 1 Total)	.060***	.018	10.921	1.062	1.025, 1.101
Propensity Score	5.902***	1.827	1.0434	365.759	10.184, 13136.780
Constant	-3.193*	1.394	5.251		
N=1185; Pseudo R^2 = .036 (Nagelkerke); Model $\chi2_{(2)}$=26.979, p<.001					
No significant findings were noted for the following subgroupings:					
● Transfers with 60+ incoming credits - 1st Generation					

* < .05, ** < .01, *** < .001

Table D.C.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library EZProxy & OpenAthens Authentications & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Library Authentications (Yr 1 Total)	.123***	.030	16.559	1.131	1.066, 1.199
Propensity Score	6.728***	1.919	31.902	835.122	80.886, 8622.327
Constant	-3.803***	.926	16.868		
N=1710; Pseudo R^2 = .053 (Nagelkerke); Model χ2$_{(2)}$=55.013, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Library Authentications (Yr 1 Total)	.166***	.029	32.402	1.181	1.115, 1.251
Propensity Score	4.741***	1.151	16.958	114.582	11.997, 1094.333
Constant	-2.351**	.881	7.121		
N=2236; Pseudo R^2 = .052 (Nagelkerke); Model χ2$_{(2)}$=73.724, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Library Authentications (Yr 1 Total)	.074**	.026	8.459	1.077	1.024, 1.132
Propensity Score	5.254***	1.577	11.097	191.293	8.694, 4209.175
Constant	-2.879*	1.211	5.649		
N=1032; Pseudo R^2 = .034 (Nagelkerke); Model χ2$_{(2)}$=22.844, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Library Authentications (Yr 1 Total)	.085***	.021	16.263	1.089	1.045, 1.135
Propensity Score	4.580**	1.508	9.220	97.484	5.071, 1873.984
Constant	-2.291*	1.152	3.855		
N=1659; Pseudo R^2 = .033 (Nagelkerke); Model χ2$_{(2)}$=35.230, p<.001					
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
Library Authentications (Yr 1 Total)	.037*	.017	4.724	1.037	1.004, 1.072
Propensity Score	4.046*	1.844	4.815	57.166	1.541, 2121.128
Constant	Not sig	--	--		
N=935; Pseudo R^2 = .016 (Nagelkerke); Model χ2$_{(2)}$=9.975, p<.01					
Transfers with 60+ incoming credits -Transferred from a Community College					
Library Authentications (Yr 1 Total)	.056***	.004	174.812	1.057	1.049, 1.066

Propensity Score	7.633***	.210	1323.768	2064.488	1368.502, 3114.435
Constant	-4.824***	.170	805.107		

N=2253; Pseudo R^2 = .012 (Nagelkerke); Model $\chi2_{(2)}$=16.751, p<.001

* < .05, ** < .01, *** < .001

Table D.1.C.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library EZProxy & OpenAthens Authentications & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Library Authentications (Yr 1 Total)	.155***	.023	43.574	1.167	1.115, 1.222
Propensity Score	6.127***	.910	45.311	457.899	76.920, 2725.848
Constant	-3.343***	.700	22.785		
N=3444; Pseudo R^2 = .055 (Nagelkerke); Model $\chi2_{(2)}$=116.926, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Library Authentications (Yr 1 Total)	.081***	.017	21.245	1.084	1.047, 1.122
Propensity Score	4.136***	1.189	12.105	62.583	6.088, 643.358
Constant	-1.943*	.910	4.555		
N=2285; Pseudo R^2 = .030 (Nagelkerke); Model $\chi2_{(2)}$=44.222, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Library Authentications (Yr 1 Total)	.018*	.008	4.552	1.018	1.001, 1.034
Propensity Score	5.727***	1.243	21.218	307.099	26.851, 3512.403
Constant	-3.082***	.951	10.491		
N=2804; Pseudo R^2 = .016 (Nagelkerke); Model $\chi2_{(2)}$=28.178, p<.001					
No significant findings were noted for the following subgroupings:					
● Transfers with 24-39 incoming credits -Transferred from an Out of State Institution ● Transfers with 40-59 incoming credits -Transferred from an Out of State Institution ● Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.1.D. Library Book Checkouts

Table D.1.D.1. Admit Status + Incoming Credits + 1st Generation Status

Library Book Checkouts & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 40-59 incoming credits - 1st Generation					
Library Book Checkouts (Yr 1 Total)	.220*	.091	5.787	1.246	1.042, 1.490
Propensity Score	Not sig	--	--	--	--
Constant	Not sig	--	--		
N=890; Pseudo R^2 = .024 (Nagelkerke); Model $\chi2_{(2)}$=14.511, p<.001					
Transfers with 60+ incoming credits - 1st Generation					
Library Book Checkouts (Yr 1 Total)	.152*	.067	5.512	1.164	1.021, 1.328
Propensity Score	Not sig.	--	--	--	--
Constant	Not sig.	--	--		
N=1056; Pseudo R^2 = .019 (Nagelkerke); Model $\chi2_{(2)}$=13.348, p<.001					
Transfers with 60+ incoming credits - Not 1st Generation					
Library Book Checkouts (Yr 1 Total)	.113*	.057	3.960	1.119	1.002, 1.250
Propensity Score	5.332	1.831	8.479	206.795	5.714, 7484.352
Constant	-2.666	1.394	3.657		
N=1184; Pseudo R^2 = .024 (Nagelkerke); Model $\chi2_{(2)}$=18.119, p<.001					
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - FTIC Not 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table D.1.D.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Book Checkouts & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 60+ incoming credits -Transferred from a Community College					
Library Book Checkouts (Yr 1 Total)	.140**	.049	8.102	1.150	1.045, 1.267
Propensity Score	5.167***	1.580	10.689	175.378	7.921, 3883.192
Constant	-2.610*	1.208	4.664		
N=1801; Pseudo R^2= .024 (Nagelkerke); Model $\chi2_{(2)}$=27.295, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table D.1.D.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Book Checkouts & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Library Book Checkouts (Yr 1 Total)	.121**	.041	8.505	1.129	1.040, 1.224
Propensity Score	5.274***	1.400	14.198	195.280	12.565, 3034.923
Constant	-2.715*	1.070	6.439		
N=2227; Pseudo R^2= .023 (Nagelkerke); Model $\chi2_{(2)}$=31.984, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a NC Institution - Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.1.E. Library Study Room Reservations

Table D.1.E.1. Admit Status + Incoming Credits + 1st Generation Status

Library Study Room Reservations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Study Room Reservations (Yr 1 Total)	.051***	.013	15.313	1.052	1.026, 1.079
Propensity Score	11.185***	.452	611.625	72059.268	29696.984, 174850.692
Constant	-7.851***	.370	449.930		
N=7408; Pseudo R^2 = .143 (Nagelkerke); Model $\chi2_{(2)}$=687.865, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Study Room Reservations (Yr 1 Total)	.043***	.010	20.008	1.044	1.025, 1.064
Propensity Score	8.854***	.323	753.277	7000.843	3720.153, 13174.673
Constant	-5.778***	.267	467.015		
N=15281; Pseudo R^2 = .087 (Nagelkerke); Model $\chi2_{(2)}$=792.226, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Study Room Reservations (Yr 1 Total)	.065*	.030	4.668	1.067	1.006, 1.131
Propensity Score	5.842***	1.212	23.232	344.390	32.018, 3704.250
Constant	-2.965*	.930	10.169		
N=1720; Pseudo R^2 = .032 (Nagelkerke); Model $\chi2_{(2)}$=33.170, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
Study Room Reservations (Yr 1 Total)	.089*	.043	4.179	1.093	1.004, 1.190
Propensity Score	3.856*	1.737	4.927	47.255	1.570, 1422.329
Constant	Not sig.	--	--		
N=889; Pseudo R^2 = .019 (Nagelkerke); Model $\chi2_{(2)}$=11.561, p<.01					
Transfers with 40-59 incoming credits - Not 1st Generation					
Study Room Reservations (Yr 1 Total)	.115*	.054	4.461	1.212	1.008, 1.247
Propensity Score	3.891*	1.631	5.692	48.965	2.003, 1197.026
Constant	Not sig.	--	--		
N=1126; Pseudo R^2 = .023 (Nagelkerke); Model $\chi2_{(2)}$=16.349, p<.001					
Transfers with 60+ incoming credits - 1st Generation					

Study Room Reservations (Yr 1 Total)	.065*	.031	4.383	1.067	1.004, 1.135
Propensity Score	4.585*	2.100	4.768	97.954	1.599, 6000.05
Constant	Not sig.	--	--		

N=1055; Pseudo R^2 = .019 (Nagelkerke); Model $\chi2_{(2)}$=13.287, $p<.01$

No significant findings were noted for the following subgroupings:

- Transfers with 24-39 incoming credits - 1st Generation
- Transfers with 60+ incoming credits - Not 1st Generation

* < .05, ** < .01, *** < .001

Table D.1.E.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Study Room Reservations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a Community College					
Study Room Reservations (Yr 1 Total)	.111**	.035	10.399	1.118	1.045, 1.196
Propensity Score	4.550***	1.143	15.863	94.679	10.086, 888.762
Constant	-2.088*	.873	5.720		
N=2236; Pseudo R^2 = .027 (Nagelkerke); Model $\chi2_{(2)}$=37.254, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Study Room Reservations (Yr 1 Total)	.117**	.038	9.553	1.124	1.044, 1.210
Propensity Score	4.715**	1.494	9.965	111.662	5.976, 2086.524
Constant	-2.306*	1.140	4.090		
N=1658; Pseudo R^2 = .028 (Nagelkerke); Model $\chi2_{(2)}$=29.560, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Study Room Reservations (Yr 1 Total)	.091***	.027	11.066	1.095	1.038, 1.155
Propensity Score	5.212***	1.391	14.041	183.477	12.011, 2802.740
Constant	-2.667*	1.065	6.271		
N=2253; Pseudo R^2 = .025 (Nagelkerke); Model $\chi2_{(2)}$=36.284, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution • Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution • Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table D.1.E.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Study Room Reservations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Study Room Reservations (Yr 1 Total)	.064**	.021	9.712	1.066	1.024, 1.111
Propensity Score	5.615***	.907	38.346	274.445	46.415, 1622.764
Constant	-2.828***	.696	16.515		
N=3444; Pseudo R^2 = .029 (Nagelkerke); Model $\chi2_{(2)}$=60.160, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Study Room Reservations (Yr 1 Total)	.170***	.044	15.256	1.185	1.088, 1.291
Propensity Score	4.134***	1.184	12.191	62.430	6.131, 635.662
Constant	-1.901*	.906	4.397		
N=2284; Pseudo R^2 = .031 (Nagelkerke); Model $\chi2_{(2)}$=45.577, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Study Room Reservations (Yr 1 Total)	.060***	.019	10.274	1.062	1.024, 1.102
Propensity Score	5.735***	1.238	21.461	309.561	27.349, 3503.840
Constant	-3.099**	.947	10.703		
N=2803; Pseudo R^2 = .023 (Nagelkerke); Model $\chi2_{(2)}$=41.104, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.2. Career Center Engagements

D.2.A. Career Center Advising

Table D.2.A.1. Admit Status + Incoming Credits + 1st Generation Status

Career Center Advising & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
FTIC 1st Generation (any # incoming credits)					
Career Center Advising (Yr 1 Total)	.417***	.104	16.099	1.518	1.238, 1.862
Propensity Score	11.247***	.452	617.869	76630.289	31569.455, 186008.950
Constant	-7.895***	.370	454.168		
N=7411; Pseudo R^2 = .143 (Nagelkerke); Model $\chi2_{(2)}$=684.816, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Career Center Advising (Yr 1 Total)	.376***	.073	26.639	1.457	1.263, 1.680
Propensity Score	8.853***	.323	751.865	6991.872	3713.522, 13164.397
Constant	-5.778***	.268	466.095		
N=15286; Pseudo R^2 = .087 (Nagelkerke); Model $\chi2_{(2)}$=795.160, p<.001					
Transfers with 60+ incoming credits - Not 1st Generation					
Career Center Advising (Yr 1 Total)	.490*	.212	5.337	1.633	1.077, 2.475
Propensity Score	5.558**	1.818	9.342	259.339	7.345, 9157.023
Constant	-2.851*	1.385	4.235		
N=1185; Pseudo R^2 = .025 (Nagelkerke); Model $\chi2_{(2)}$=18.573, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation					

* < .05, ** < .01, *** < .001

Table D.2.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

Career Center Advising & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Career Center Advising (Yr 1 Total)	.434*	.209	4.293	1.543	1.024, 2.326
Propensity Score	6.060***	1.179	26.430	428.309	42.503, 4316.115
Constant	-3.188***	.913	12.191		
N=1710; Pseudo R^2= .034 (Nagelkerke); Model $\chi2_{(2)}$=35.542, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Career Center Advising (Yr 1 Total)	.487***	.153	10.100	1.627	1.205, 2.196
Propensity Score	4.888***	1.393	12.311	132.635	8.649, 2034.023
Constant	-2.407*	1.066	5.100		
N=2253; Pseudo R^2= .021 (Nagelkerke); Model $\chi2_{(2)}$=29.367, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table D.2.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Career Center Advising & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Career Center Advising (Yr 1 Total)	.232*	.113	4.207	1.261	1.010, 1.574
Propensity Score	5.695***	.905	39.626	297.424	50.498, 1751.772
Constant	-2.867***	.694	17.044		
N=3444; Pseudo R^2= .024 (Nagelkerke); Model $\chi2_{(2)}$=49.460, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Career Center Advising (Yr 1 Total)	.309*	.142	4.770	1.363	1.032, 1.799
Propensity Score	4.090***	1.184	11.940	59.751	5.872, 607.982
Constant	-1.813*	.906	4.008		
N=2285; Pseudo R^2= .014 (Nagelkerke); Model $\chi2_{(2)}$=19.870, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Career Center Advising (Yr 1 Total)	.402***	.123	10.761	1.495	1.176, 1.902
Propensity Score	5.463***	1.240	19.397	235.694	20.730, 2679.795
Constant	-2.889*	.948	9.278		
N=2804; Pseudo R^2= .021 (Nagelkerke); Model $\chi2_{(2)}$=37.408, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.2.B. Career Center Career Fairs

Table D.2.B.1. Admit Status + Incoming Credits + 1st Generation Status

Career Center Career Fair Attendance & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Career Fairs (Yr 1 Total)	.322***	.083	15.139	1.380	1.173, 1.624
Propensity Score	12.234***	.499	601.456	205642.888	77356.824, 546674.427
Constant	-8.782***	.410	458.842		
N=6291; Pseudo R^2= .161(Nagelkerke); Model $\chi^2_{(2)}$=664.968, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Career Fairs (Yr 1 Total)	.235***	.059	15.793	1.266	1.127, 1.421
Propensity Score	9.593***	.356	724.193	14664.649	7291.799, 29492.300
Constant	-6.450***	.296	473.848		
N=12881; Pseudo R^2= .097 (Nagelkerke); Model $\chi^2_{(2)}$=753.511, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Career Fairs (Yr 1 Total)	.469*	.233	4.060	1.599	1.013, 2.524
Propensity Score	6.578***	1.290	25.994	718.919	57.345, 9012.905
Constant	-3.598***	.993	13.140		
N=1452; Pseudo R^2= .038 (Nagelkerke); Model $\chi^2_{(2)}$=33.883, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Career Fairs (Yr 1 Total)	.865**	.306	7.430	2.306	1.265, 4.205
Propensity Score	3.920*	1.679	5.451	50.422	1.876, 1355.043
Constant	Not sig	--	--		
N=974; Pseudo R^2= .026 (Nagelkerke); Model $\chi^2_{(2)}$=16.384, p<.001					
Transfers with 60+ incoming credits - Not 1st Generation					
Career Fairs (Yr 1 Total)	1.196***	.371	10.385	3.307	1.598, 6.845
Propensity Score	6.276***	1.972	10.124	531.645	11.135, 25383.958
Constant	-3.484*	1.502	5.380		
N=1027; Pseudo R^2= .046 (Nagelkerke); Model $\chi^2_{(2)}$=29.869, p<.001					
No significant findings were noted for the following subgroupings:					

- Transfers with 24-39 incoming credits - 1st Generation
- Transfers with 40-59 incoming credits - 1st Generation
- Transfers with 60+ incoming credits - 1st Generation

* < .05, ** < .01, *** < .001

Table D.2.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

Career Center Career Fair Attendance & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a Community College					
Career Fairs (Yr 1 Total)	.795***	.241	10.851	2.215	1.380, 3.555
Propensity Score	4.541***	1.186	14.650	93.769	9.167, 959.124
Constant	-2.121*	.909	5.449		
N=1957; Pseudo R^2 = .025 (Nagelkerke); Model $\chi2_{(2)}$=30.843, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Career Fairs (Yr 1 Total)	.411*	.204	4.049	1.508	1.011, 2.251
Propensity Score	5.505***	1.569	12.313	245.899	11.360, 5322.630
Constant	-2.934*	1.197	6.013		
N=1454; Pseudo R^2 = .020 (Nagelkerke); Model $\chi2_{(2)}$=18.873, p<.001					
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
Career Fairs (Yr 1 Total)	.906**	.292	9.652	2.475	1.397, 4.385
Propensity Score	4.042*	1.900	4.527	56.931	1.375, 2356.745
Constant	Not sig	--	--		
N=842; Pseudo R^2 = .031 (Nagelkerke); Model $\chi2_{(2)}$=18.309, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Career Fairs (Yr 1 Total)	.470**	.180	6.807	1.601	1.124, 2.279
Propensity Score	4.854***	1.474	10.849	128.231	7.139, 2303.178
Constant	-2.414*	1.127	4.587		
N=1992; Pseudo R^2 = .017 (Nagelkerke); Model $\chi2_{(2)}$=21.727, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution • Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table D.2.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Career Center Career Fair Attendance & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Career Fairs (Yr 1 Total)	.749***	.194	14.902	2.115	1.446, 3.094
Propensity Score	5.830***	.932	39.106	340.515	54.766, 2117.180
Constant	-3.064***	.718	18.215		
N=3042; Pseudo R^2= .033 (Nagelkerke); Model χ2(2)=62.352, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Career Fairs (Yr 1 Total)	.373*	.161	5.371	1.452	1.059, 1.992
Propensity Score	4.275***	1.233	12.016	71.861	6.409, 805.680
Constant	-2.000*	.945	4.480		
N=2009; Pseudo R^2= .015 (Nagelkerke); Model χ2(2)=19.789, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Career Fairs (Yr 1 Total)	650***	.174	13.916	1.915	1.361, 2.694
Propensity Score	5.499***	1.309	17.643	244.422	18.484, 3180.385
Constant	-2.979**	1.001	8.858		
N=2479; Pseudo R^2= .025 (Nagelkerke); Model χ2(2)=40.211, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.2.C. Career Center Class Presentations

Table D.2.C.1. Admit Status + Incoming Credits + 1st Generation Status

Career Center Classroom Presentations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 60+ incoming credits - 1st Generation					
Career Center Class. Present. (Yr 1 Total)	.551*	.266	4.302	1.735	1.031, 2.921
Propensity Score	Not sig	--	--	--	--
Constant	Not sig.	--	--		
N=746; Pseudo R^2 = .017 (Nagelkerke); Model $\chi2_{(2)}$=8.515, p<.05					
No significant findings were noted for the following subgroupings:					
● FTIC 1st Generation (any # incoming credits) ● FTIC Not 1st Generation (any # incoming credits) ● Transfers with 24-39 incoming credits - 1st Generation ● Transfers with 24-39 incoming credits -Not 1st Generation ● Transfers with 40-59 incoming credits - 1st Generation ● Transfers with 40-59 incoming credits - Not 1st Generation ● Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table D.2.C.2. Transfer Students + Incoming Credit + Transfer Institution Type

Career Center Classroom Presentations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
Career Center Class. Present. (Yr 1 Total)	.863*	.373	5.360	2.371	1.142, 4.923
Propensity Score	4.713*	1.966	5.744	111.396	2.361, 5256.694
Constant	Not sig	--	--		
N=752; Pseudo R^2 = .025 (Nagelkerke); Model $\chi2_{(2)}$=13.319, p<.001					
No significant findings were noted for the following subgroupings:					
● Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution ● Transfers with 24-39 incoming credits -Transferred from a Community College ● Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution ● Transfers with 40-59 incoming credits -Transferred from a Community College ● Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table D.2.C.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Career Center Classroom Presentations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a NC Institution • Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from a NC Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from a NC Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.2.D. Career Center Class Workshops

Table D.2.D.1. Admit Status + Incoming Credits + 1st Generation Status

Career Center Workshops & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Career Center Workshops (Yr 1 Total)	.591***	.167	12.543	1.806	1.302, 2.505
Propensity Score	11.283***	.452	621.995	79467.477	32741.207, 192878.654
Constant	-7.914***	.370	456.344		
N=7411; Pseudo R^2= .142 (Nagelkerke); Model $\chi2_{(2)}$=681.616, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Career Center Workshops (Yr 1 Total)	1.164*	.563	4.279	3.204	1.063, 9.658
Propensity Score	5.742***	1.215	22.353	311.741	28.840, 3369.771
Constant	-2.866**	.932	9.465		
N=1720; Pseudo R^2= .032 (Nagelkerke); Model $\chi2_{(2)}$=32.747, p<.001					
No significant findings were noted for the following subgroupings:					
- FTIC Not 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table D.2.D.2. Transfer Students + Incoming Credit + Transfer Institution Type

Career Center Workshops & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a Community College					
Career Center Workshops (Yr 1 Total)	.867*	.436	3.956	2.380	1.013, 5.592
Propensity Score	4.663***	1.142	16.672	105.973	11.300, 993.865
-2.127*	.873	5.939	--		
N=2236; Pseudo R^2 = .018 (Nagelkerke); Model $\chi2_{(2)}$=24.560, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table D.2.D.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Career Center Workshops & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Career Center Workshops (Yr 1 Total)	.933*	.398	5.504	2.542	1.166, 5.542
Propensity Score	5.668***	.905	39.196	289.470	49.088, 1707.003
Constant	-2.839***	.695	16.683		
N=3444; Pseudo R^2 = .025 (Nagelkerke); Model $\chi2_{(2)}$=52.415, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.3. University Center for Academic Excellence (UCAE) Engagements

D.3.A. UCAE Supplemental Instruction (SI) & Peer Assisted Learning (PAL)

Table D.3.A.1. Admit Status + Incoming Credits + 1st Generation Status

Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
UCAE SI + PAL & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
FTIC 1st Generation (any # incoming credits)					
UCAE SI + PAL (Yr 1 Total)	.093***	.015	36.921	1.098	1.065, 1.131
Propensity Score	11.259***	.454	615.220	77553.760	31858.864, 188788.454
Constant	-7.943***	.372	456.219		
N=7411; Pseudo R^2 = .149 (Nagelkerke); Model $\chi2_{(2)}$=717.110, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
UCAE SI + PAL (Yr 1 Total)	.069***	.009	54.079	1.071	1.052, 1.091
Propensity Score	8.840***	.323	747.712	6903.314	3663.405, 13008.596
Constant	-5.799***	.268	467.906		
N=15286; Pseudo R^2 = .091 (Nagelkerke); Model $\chi2_{(2)}$=832.243, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
UCAE SI + PAL (Yr 1 Total)	.094*	.040	5.466	1.098	1.105, 1.188
Propensity Score	5.687***	1.394	16.4645	295.139	19.205, 4535.673
Constant	-3.022**	1.078	7.859		
N=1222; Pseudo R^2 = .035 (Nagelkerke); Model $\chi2_{(2)}$=26.491, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
UCAE SI + PAL (Yr 1 Total)	.126**	.045	8.035	1.135	1.040, 1.238
Propensity Score	5.887***	1.210	23.685	360.172	3855.552
Constant	-3.020**	.928	10.578		
N=1720; Pseudo R^2 = .037 (Nagelkerke); Model $\chi2_{(2)}$=38.041, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
UCAE SI + PAL (Yr 1 Total)	.116*	.057	4.073	1.123	1.003, 1.256
Propensity Score	3.903*	1.729	5.095	49.546	1.672, 1468.223
Constant	Not sig.	--	--		
N=890; Pseudo R^2 = .019 (Nagelkerke); Model $\chi2_{(2)}$=11.103, p<.001					

Transfers with 40-59 incoming credits - Not 1st Generation					
UCAE SI + PAL (Yr 1 Total)	.115*	.050	5.313	1.121	1.017, 1.236
Propensity Score	4.172*	1.633	6.529	64.826	2.642, 1590.327
Constant	Not sig.	--	--		
N=1126; Pseudo R^2 = .021 (Nagelkerke); Model $\chi2_{(2)}$=14.599, p<.001					
Transfers with 60+ incoming credits - 1st Generation					
UCAE SI + PAL (Yr 1 Total)	.193*	.092	4.430	1.213	1.013, 1.451
Propensity Score	5.061*	2.117	5.714	157.713	2.487, 10000.563
Constant	Not sig.	--	--		
N=1056; Pseudo R^2 = .024 (Nagelkerke); Model $\chi2_{(2)}$=16.768, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
UCAE SI + PAL (Yr 1 Total)	.160*	.076	4.417	1.173	1.011, 1.3762
Propensity Score	6.061***	1.826	11.014	428.861	11.960, 15377.759
Constant	-3.227*	1.393	5.369		
N=1185; Pseudo R^2 = .026 (Nagelkerke); Model $\chi2_{(2)}$=19.576, p<.001					

* < .05, ** < .01, *** < .001

Table D.3.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

UCAE SI + PAL & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
UCAE SI + PAL (Yr 1 Total)	.091*	.037	5.951	1.095	1.018, 1.178
Propensity Score	6.140***	1.177	27.216	464.285	46.225, 4663.284
Constant	-3.269***	.912	12.839		
N=1710; Pseudo R^2 = .037 (Nagelkerke); Model $\chi2_{(2)}$=38.202, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
UCAE SI + PAL (Yr 1 Total)	.108***	.033	10.831	1.114	1.045, 1.188
Propensity Score	4.800***	1.139	17.777	121.532	13.050
Constant	-2.279**	.871	6.855		
N=2236; Pseudo R^2 = .025 (Nagelkerke); Model $\chi2_{(2)}$=34.953, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
UCAE SI + PAL (Yr 1 Total)	.171***	.051	11.132	1.187	1.073, 1.312
Propensity Score	5.044***	1.496	11.373	155.058	8.269, 2907.699
Constant	-2.557*	1.143	5.009		
N=1659; Pseudo R^2 = .029 (Nagelkerke); Model $\chi2_{(2)}$=30.499, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
UCAE SI + PAL (Yr 1 Total)	.181**	.058	9.820	1.198	1.070, 1.342
Propensity Score	5.608***	1.400	16.038	272.529	4239.748
Constant	-2.961**	1.073	7.621		
N=2253; Pseudo R^2 = .026 (Nagelkerke); Model $\chi2_{(2)}$=36.778, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution • Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table D.3.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

UCAE SI + PAL & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
UCAE SI + PAL (Yr 1 Total)	.092***	.025	13.517	1.097	1.044, 1.152
Propensity Score	5.783***	.901	41.150	324.693	55.478, 1900.307
Constant	-2.970***	.693	18.396		
N=3444; Pseudo R^2 = .030 (Nagelkerke); Model $\chi2_{(2)}$=63.800, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
UCAE SI + PAL (Yr 1 Total)	.189***	.048	15.046	1.206	1.097, 1.326
Propensity Score	4.418***	1.183	13.958	82.932	8.169, 841.968
Constant	-2.107	.906	5.413		
N=2285; Pseudo R^2 = .028 (Nagelkerke); Model $\chi2_{(2)}$=41.018, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
UCAE SI + PAL (Yr 1 Total)	.105**	.034	9.418	1.110	1.039, 1.187
Propensity Score	6.018***	1.246	23.317	410.905	35.715, 4727.532
Constant	-3.307***	.954	12.014		
N=2804; Pseudo R^2 = .022 (Nagelkerke); Model $\chi2_{(2)}$=39.598, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.3.B. UCAE Individual Consultations

Table D.3.B.1. Admit Status + Incoming Credits + 1st Generation Status

UCAE Individual Consultations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits - 1st Generation					
UCAE Individual Consults (Yr 1 Total)	-1.209**	.425	8.082	.299	.130, .687
Propensity Score	5.706***	1.402	16.558	300.790	19.256, 4698.566
Constant	-2.944**	1.084	7.368		
N=1222; Pseudo R^2 = .036 (Nagelkerke); Model $\chi2_{(2)}$=27.680, p<.001					
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - FTIC Not 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table D.3.B.2 Transfer Students + Incoming Credit + Transfer Institution Type

UCAE Individual Consultations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table D.3.B.3 Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

UCAE Individual Consultations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a NC Institution - Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

$* < .05, ** < .01, *** < .001$

D.3.C. UCAE Tutoring Sessions

Table D.3.C.1. Admit Status + Incoming Credits + 1st Generation Status

UCAE Tutoring Sessions & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
UCAE Tutoring Sessions (Yr 1 Total)	.128***	.033	15.388	1.136	1.066, 1.212
Propensity Score	11.259***	.452	619.280	77595.561	31967.927, 188347.249
Constant	-7.918***	.370	456.920		
N=7411; Pseudo R^2 = .143 (Nagelkerke); Model $\chi2_{(2)}$=686.324, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
UCAE Tutoring Sessions (Yr 1 Total)	.085***	.020	18.804	1.089	1.048, 1.131
Propensity Score	8.856***	.323	754.022	7017.881	3279.724, 13204.905
Constant	-5.785***	.267	468.556		
N=15286; Pseudo R^2 = .086 (Nagelkerke); Model $\chi2_{(2)}$=789.037, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
UCAE Tutoring Sessions (Yr 1 Total)	.125*	.059	4.448	1.133	1.009, 1.272
Propensity Score	5.922***	1.211	23.922	373.113	24.772, 4003.640
Constant	-3.028**	.929	10.618		
N=1720; Pseudo R^2 = .031 (Nagelkerke); Model $\chi2_{(2)}$=32.608, p<.001					
Transfers with 60+ incoming credits - Not 1st Generation					
UCAE Tutoring Sessions (Yr 1 Total)	.286*	.140	4.197	1.332	1.012, 1.751
Propensity Score	5.471	1.829	8.944	237.608	6.589, 8568.161
Constant	-2.792*	1.392	4.022		
N=1185; Pseudo R^2 = .021 (Nagelkerke); Model $\chi2_{(2)}$=15.741, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation					

* < .05, ** < .01, *** < .001

Table D.3.C.2. Transfer Students + Incoming Credit + Transfer Institution Type

UCAE Tutoring Sessions & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a Community College					
UCAE Tutoring Sessions (Yr 1 Total)	.207**	.068	9.238	1.231	1.076, 1.407
Propensity Score	4.842***	1.135	18.206	126.751	13.708, 1172.007
Constant	-2.313**	.868	7.103		
N=2236; Pseudo R^2= .016 (Nagelkerke); Model $\chi2_{(2)}$=35.291, p<.001					
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
UCAE Tutoring Sessions (Yr 1 Total)	.363*	.150	5.855	1.437	1.071, 1.929
Propensity Score	3.790*	1.842	4.234	44.277	1.197, 1637.765
Constant	Not sig.	--	--		
N=935; Pseudo R^2= .025 (Nagelkerke); Model $\chi2_{(2)}$=16.203, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
UCAE Tutoring Sessions (Yr 1 Total)	.201**	.076	6.966	1.223	1.053, 1.421
Propensity Score	5.329***	1.389	14.730	206.330	13.570, 3137.166
Constant	-2.736*	1.065	6.618		
N=2253; Pseudo R^2= .020 (Nagelkerke); Model $\chi2_{(2)}$=28.579, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution • Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution • Transfers with 40-59 incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table D.3.C.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

UCAE Tutoring Sessions & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
UCAE Tutoring Sessions (Yr 1 Total)	.129**	.044	8.642	1.137	1.044, 1.239
Propensity Score	5.774***	.901	41.053	327.788	55.019, 1882.027
Constant	-2.953***	.692	18.205		
N=3444; Pseudo R^2 = .028 (Nagelkerke); Model $\chi2_{(2)}$=57.941, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
UCAE Tutoring Sessions (Yr 1 Total)	.242**	.074	10.617	1.274	1.101, 1.474
Propensity Score	5.812***	1.239	22.015	334.314	29.495, 8789.265
Constant	-2.793**	.957	8.514		
N=2804; Pseudo R^2 = .024 (Nagelkerke); Model $\chi2_{(2)}$=43.851, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from a NC Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.3.D. UCAE Workshops

Table D.3.D.1. Admit Status + Incoming Credits + 1st Generation Status

UCAE Workshops & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 60+ incoming credits - 1st Generation					
UCAE Workshops (Yr 1 Total)	.446**	.168	7.030	1.562	1.123, 2.173
Propensity Score	4.205*	2.124	3.921	67.042	1.044, 4304.991
Constant	Not sig.	--	--		
N=1056; Pseudo R^2 = .008 (Nagelkerke); Model $\chi2_{(2)}$=5.158, p=.076					
Transfers with 40-59 incoming credits - Not 1st Generation					
UCAE Workshops (Yr 1 Total)	.286*	.140	4.197	1.332	1.012, 1.751
Propensity Score	5.471	1.829	8.944	237.608	6.589, 8568.161
Constant	-2.792*	1.392	4.022		
N=1185; Pseudo R^2 = .016 (Nagelkerke); Model $\chi2_{(2)}$=11.527, p<.001					
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - FTIC Not 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table D.3.D.2. Transfer Students + Incoming Credit + Transfer Institution Type

UCAE Workshops & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table D.3.D.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

UCAE Workshops & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a NC Institution - Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.4. Writing Center Engagements

D.4.A. Writing Center Consultations

Table D.4.A.1. Admit Status + Incoming Credits + 1st Generation Status

Writing Center Consultations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
FTIC 1st Generation (any # incoming credits)					
Writing Center Consultations (Yr 1 Total)	.355**	.119	8.981	1.427	1.131, 1.800
Propensity Score	11.174***	.452	610.119	71229.01	29349.747, 172866.196
Constant	-7.820***	.370	446.096		
N=740811; Pseudo R^2 = .141 (Nagelkerke); Model $\chi2_{(2)}$=674.057, p<.001					
No significant findings were noted for the following subgroupings:					
- FTIC Not 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table D.4.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

Writing Center Consultations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table D.4.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Writing Center Consultations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Writing Center Consultations (Yr 1 Total)	1.097*	.444	6.101	2.997	1.254, 7.159
Propensity Score	3.078*	`1.256	6.007	21.707	1.852, 254.372
Constant	Not sig.	--	--		
N=1865; Pseudo R^2 = .018 (Nagelkerke); Model χ2$_{(2)}$=21.498, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Writing Center Consultations (Yr 1 Total)	.353*	.157	5.036	1.423	1.046, 1.936
Propensity Score	5.567*	1.386	16.125	261.605	17.283, 3959.766
Constant	-2.913**	1.061	7.543		
N=2227; Pseudo R^2 = .018 (Nagelkerke); Model χ2$_{(2)}$=26.156, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a NC Institution • Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.4.B. Writing Center Classroom Presentations

Table D.4.B.1. Admit Status + Incoming Credits + 1st Generation Status

Writing Center Classroom Presentations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - FTIC Not 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table D.4.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

Writing Center Classroom Presentations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table D.4.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Writing Center Classroom Presentations & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a NC Institution - Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.5. Extracurricular Memberships

D.5.A. Greek Life Membership

Table D.5.A.1. Admit Status + Incoming Credits + 1st Generation Status

Greek Life Member & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Greek Life Member (Yr 1)	.444**	.168	6.963	1.559	1.121, 2.167
Propensity Score	10.719***	.481	495.888	45226.764	17605.614, 116182.267
Constant	-7.417***	.393	355.594		
N=6449; Pseudo R^2 = .128 (Nagelkerke); Model $\chi2_{(2)}$=532.143, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Greek Life Member (Yr 1)	.803***	.109	54.151	2.233	1.803, 2.765
Propensity Score	8.330***	.399	602.946	4147.481	2133.118, 8064.066
Constant	-5.352***	.281	362.777		
N=13598; Pseudo R^2 = .082 (Nagelkerke); Model $\chi2_{(2)}$=669.026, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Greek Life Member (Yr 1)	1.074**	.374	8.267	2.927	1.408, 6.088
Propensity Score	4.672***	1.316	12.593	106.879	8.097, 1410.803
Constant	-2.030*	1.010	4.034		
N=1520; Pseudo R^2 = .027 (Nagelkerke); Model $\chi2_{(2)}$=24.674, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table D.5.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

Greek Life Member & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Greek Life Member (Yr 1)	1.007*	.434	5.392	2.736	1.170, 6.400
Propensity Score	6.199***	1.451	18.263	492.221	28.672, 8450.040
Constant	-3.256**	1.125	8.384		
N=1109; Pseudo R^2= .042 (Nagelkerke); Model $\chi2_{(2)}$=27.639, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Greek Life Member (Yr 1)	.903*	.376	5.770	2.466	1.181, 5.150
Propensity Score	4.828***	1.360	12.602	125.016	8.693, 1797.791
Constant	-2.197*	1.039	4.473		
N=1672; Pseudo R^2= .020 (Nagelkerke); Model $\chi2_{(2)}$=20.673, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table D.5.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Greek Life Member & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Greek Life Member (Yr 1)	1.008**	.333	9.130	2.739	1.425, 5.266
Propensity Score	5.805***	1.086	28.589	322.105	39.543, 2789.234
Constant	-2.906***	.833	12.172		
N=2456; Pseudo R^2 = .030 (Nagelkerke); Model $\chi2_{(2)}$=44.201, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.5.B. Sports Club Membership

Table D.5.B.1. Admit Status + Incoming Credits + 1st Generation Status

Sports Club Member & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
FTIC 1st Generation (any # incoming credits)					
Sports Club Member (Yr 1)	.465**	.175	7.085	1.592	1.130, 2.241
Propensity Score	10.754***	.482	4997.433	46833.179	18201.785, 120501.730
Constant	-7.449***	.394	357.902		
N=6393; Pseudo R^2 = .130 (Nagelkerke); Model χ2$_{(2)}$=534.668, p<.001					
No significant findings were noted for the following subgroupings:					
- FTIC Not 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table D.5.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

Sports Club Member & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table D.5.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Sports Club Member & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a NC Institution - Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

D.5.C. Intramural Team Memberships

Table D.5.C.1. Admit Status + Incoming Credits + 1st Generation Status

Intramural Team Memberships & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
FTIC Not 1st Generation (any # incoming credits)					
Intramural Teams (Year 1 Total)	.245***	.049	24.697	1.278	1.160, 1.407
Propensity Score	8.266***	.339	593.851	3890.090	2000.898, 7563.004
Constant	-5.289***	.281	355.202		
N=13598; Pseudo R^2 = .078 (Nagelkerke); Model $\chi2_{(2)}$=631.497, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Intramural Teams (Year 1 Total)	.454*	.217	4.366	1.575	1.029, 2.411
Propensity Score	6.826***	1.604	18.108	921.927	39.737, 21389.293
Constant	-3.823**	1.234	9.591		
N=1068; Pseudo R^2 = .039 (Nagelkerke); Model $\chi2_{(2)}$=25.683, p<.001					
Transfers with 60+ - Not 1st Generation					
Intramural Teams (Year 1 Total)	.606*	.298	4.140	1.833	1.023, 3.286
Propensity Score	5.699**	1.989	8.212	298.698	6.058, 14727.843
Constant	Not sig.	--	--		
N=1030; Pseudo R^2 = .024 (Nagelkerke); Model $\chi2_{(2)}$=15.211, p<.001					
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation					

* < .05, ** < .01, *** < .001

Table D.5.C.2. Transfer Students + Incoming Credit + Transfer Institution Type

Intramural Team Memberships & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table D.5.C.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Intramural Team Memberships & Year 1 to Year 2 Retention Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Intramural Teams (Year 1 Total)	.276*	.131	4.461	1.318	1.020, 1.703
Propensity Score	5.860***	1.084	29.237	350.621	41.916, 2932.857
Constant	-2.946***	.832	12.548		
N=2456; Pseudo R^2 = .025 (Nagelkerke); Model $\chi2_{(2)}$=37.351, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Intramural Teams (Year 1 Total)	.354*	.165	4.609	1.425	1.031, 1.968
Propensity Score	3.781**	1.361	7.714	43.858	3.043, 632.168
Constant	Not sig.	--	--		
N=1644; Pseudo R^2 = .013 (Nagelkerke); Model $\chi2_{(2)}$=13.427, p<.01					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

Appendix E. RQ3: 4 Year Cumulative GPA Binary Logistic Regression Results

E.1. Library Engagements

E.1.A. Library Instruction

Table E.1.A.1. Admit Status + Incoming Credits + 1st Generation Status

Library Instruction & 4 Year Cumulative GPA (Above Average Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Library Instruction (4 Yr Total)	.065*	.29	4.920	1.067	1.008, 1.130
Propensity Score	5.617***	.340	272.172	274.983	141.094, 535.922
Constant	-4.002***	.259	239.044		
N=2554; Pseudo R^2= .191 (Nagelkerke); Model χ2$_{(2)}$=389.346, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Library Instruction (4 Yr Total)	.075**	.024	9.663	1.078	1.028, 1.131
Propensity Score	5.666***	.260	475.554	288.790	173.553, 480.542
Constant	-3.816***	.201	360.655		
N=4721; Pseudo R^2= .674.047 (Nagelkerke); Model χ2$_{(2)}$=762.411, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Library Instruction (4 Yr Total)	.207*	.096	4.662	1.231	1.019, 1.486
Propensity Score	3.531***	.676	27.290	34.168	9.083, 128.533
Constant	-2.525***	.459	30.240		
N=509; Pseudo R^2= .115 (Nagelkerke); Model χ2$_{(2)}$=45.819, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Library Instruction (4 Yr Total)	.232**	.079	8.572	1.261	1.080, 1.473
Propensity Score	5.659***	.672	70.996	286.859	76.910, 1069.921
Constant	-3.691***	.464	63.363		
N=655; Pseudo R^2= .216 (Nagelkerke); Model χ2$_{(2)}$=114.200, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
Library Instruction (4 Yr Total)	.384**	.131	8.627	1.467	1.136, 1.895
Propensity Score	4.645***	.931	24.887	104.016	16.773, 645.028
Constant	-3.335***	.634	27.702		

N=351; Pseudo R^2 = .164 (Nagelkerke); Model $\chi 2_{(2)}$=46.008, p<.001					
Transfers with 60+ incoming credits - Not 1st Generation					
Library Instruction (4 Yr Total)	.265*	.124	4.562	1.304	1.022, 1.663
Propensity Score	3.125***	.864	13.068	22.762	4.182, 123.897
Constant	-1.607**	.587	7.484		
N=426; Pseudo R^2 = .071 (Nagelkerke); Model $\chi 2_{(2)}$=22.599, p<.001					
No significant findings were noted for the following subgroupings:					
● Transfers with 40-59 incoming credits - Not 1st Generation ● Transfers with 60+ incoming credits - 1st Generation					

* < .05, ** < .01, *** < .001

Table E.1.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Instruction & 4 Year Cumulative GPA (Above Average Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Library Instruction (4 Yr Total)	.196**	.071	7.548	1.216	1.058, 1.399
Propensity Score	4.573***	.574	63.393	96.808	31.409, 298.383
Constant	-2.942***	.394	55.643		
N=832; Pseudo R^2= .153 (Nagelkerke); Model $\chi2_{(2)}$=100.308, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Library Instruction (4 Yr Total)	.210**	.069	9.263	1.234	1.078, 1.412
Propensity Score	3.849***	.511	56.730	46.944	17.243, 127.809
Constant	-2.683***	.344	60.894		
N=946; Pseudo R^2= .120 (Nagelkerke); Model $\chi2_{(2)}$=89.385, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Library Instruction (4 Yr Total)	.324**	.088	13.389	1.382	1.162, 1.644
Propensity Score	6.100***	.731	69.730	446.042	106.545, 1867.322
Constant	-4.224***	.502	70.735		
N=690; Pseudo R^2= .206 (Nagelkerke); Model $\chi2_{(2)}$=115.411, p<.001					
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
Library Instruction (4 Yr Total)	.299*	.146	4.193	1.349	1.013, 1.797
Propensity Score	2.781**	.879	10.000	16.129	2.878, 90.377
Constant	-1.438*	.579	6.167		
N=425; Pseudo R^2= .057 (Nagelkerke); Model $\chi2_{(2)}$=18.218, p<.01					
Transfers with 60+ incoming credits -Transferred from a Community College					
Library Instruction (4 Yr Total)	.184*	.076	5.925	1.202	1.037, 1.395
Propensity Score	5.027***	.657	58.466	152.434	42.024, 552.927
Constant	-3.115***	.444	49.279		
N=899; Pseudo R^2= .117 (Nagelkerke); Model $\chi2_{(2)}$=81.575, p<.001					
No significant findings were noted for the following subgroupings:					
● **Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution**					

* < .05, ** < .01, *** < .001

Table E.1.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Instruction & 4 Year Cumulative GPA (Above Average Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Library Instruction (4 Yr Total)	.209***	.053	15.830	1.232	1.112, 1.366
Propensity Score	4.158***	.411	102.148	63.942	28.548, 143.209
Constant	-2.808***	.279	101.476		
N=1531; Pseudo R^2 = .136 (Nagelkerke); Model $\chi 2_{(2)}$=164.088, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Library Instruction (4 Yr Total)	.123*	.062	3.959	1.131	1.002, 1.277
Propensity Score	5.319***	.574	85.717	204.086	66.196, 629.209
Constant	-3.647***	.394	85.834		
N=960; Pseudo R^2 = .150 (Nagelkerke); Model $\chi 2_{(2)}$=114.559, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Library Instruction (4 Yr Total)	.227**	.072	10.070	1.255	1.091, 1.444
Propensity Score	4.221***	.566	55.681	68.127	22.479, 206.473
Constant	-2.563***	.379	45.676		
N=1142; Pseudo R^2 = .095 (Nagelkerke); Model $\chi 2_{(2)}$=83.541, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.1.B. Library Library Laptop Checkouts + Desktop Logins

Table E.1.B.1. Admit Status + Incoming Credits + 1st Generation Status

Laptop Checkouts & Desktop Logins & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Laptop Checkouts & Desktop Logins (4 Yr Total)	.009***	.002	25.454	1.009	1.005, 1.013
Propensity Score	5.716***	.337	287.402	303.801	156.881, 588.310
Constant	-4.115***	.263	245.497		
N=2554; Pseudo R^2= .203 (Nagelkerke); Model $\chi2_{(2)}$=416.435, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Laptop Checkouts & Desktop Logins (4 Yr Total)	.006***	.001	17.740	1.006	1.003, 1.008
Propensity Score	5.788***	.255	516.957	326.250	198.096, 537.310
Constant	-3.875***	.202	368.214		
N=4721; Pseudo R^2= .189 (Nagelkerke); Model $\chi2_{(2)}$=686.793, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Laptop Checkouts & Desktop Logins (4 Yr Total)	.006*	.003	5.707	1.006	1.001, 1.011
Propensity Score	6.013***	.669	80.818	408.605	110.151,1515.714
Constant	-3.867***	.470	67.631		
N=655; Pseudo R^2= .210 (Nagelkerke); Model $\chi2_{(2)}$=110.409, p<.001					
Transfers with 60+ incoming credits - Not 1st Generation					
Laptop Checkouts & Desktop Logins (4 Yr Total)	.021**	.007	8.602	1.021	1.007, 1.035
Propensity Score	3.363***	.866	15.084	28.865	5.289, 157.523
Constant	-1.855**	.597	9.661		
N=426; Pseudo R^2= .096 (Nagelkerke); Model $\chi2_{(2)}$=30.623, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits - 1st Generation • Transfers with 40-59 incoming credits - 1st Generation • Transfers with 40-59 incoming credits - Not 1st Generation • Transfers with 60+ incoming credits - 1st Generation					

* < .05, ** < .01, *** < .001

Table E.1.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

Laptop Checkouts & Desktop Logins & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a Community College					
Laptop Checkouts & Desktop Logins (4 Yr Total)	.005**	.002	9.191	1.005	1.002, 1.009
Propensity Score	4.194***	.507	68.378	66.300	24.534, 179.164
Constant	-2.891***	.350	68.356		
N=946; Pseudo R^2= .120 (Nagelkerke); Model $\chi2_{(2)}$=89.129, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Laptop Checkouts & Desktop Logins (4 Yr Total)	.005*	.002	4.787	1.005	1.001, 1.009
Propensity Score	5.333***	.654	66.508	207.008	57.462, 745.750
Constant	-3.306***	.448	54.436		
N=899; Pseudo R^2= .116 (Nagelkerke); Model $\chi2_{(2)}$=80.674, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table E.1.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Laptop Checkouts & Desktop Logins & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Laptop Checkouts & Desktop Logins (4 Yr Total)	.002*	.001	4.368	1.002	1.000, 1.005
Propensity Score	4.536***	.404	125.797	93.309	42.236, 206.140
Constant	-2.969***	.281	111.757		
N=1531; Pseudo R^2 = .125 (Nagelkerke); Model χ2$_{(2)}$=150.876, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Laptop Checkouts & Desktop Logins (4 Yr Total)	.005*	.002	6.309	1.005	1.001, 1.009
Propensity Score	4.581***	.562	66.533	97.603	32.466, 293.432
Constant	-2.771***	.383	52.459		
N=1142; Pseudo R^2 = .092 (Nagelkerke); Model χ2$_{(2)}$=80.552, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from a NC Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.1.C. Library EZProxy & OpenAthens Authentications

Table E.1.C.1. Admit Status + Incoming Credits + 1st Generation Status

Library Authentications & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Library Authentications (4 Yr Total)	.023***	.004	37.306	1.023	1.016, 1.030
Propensity Score	5.431***	.340	255.711	228.303	117.337, 444.209
Constant	-3.945***	.261	227.638		
N=2554; Pseudo R^2 = .155 (Nagelkerke); Model $\chi^2_{(2)}$=431.200, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Library Authentications (4 Yr Total)	.002*	.001	5.597	1.002	1.000, 1.004
Propensity Score	5.847***	.254	527.932	346.169	210.224, 570.025
Constant	-3.865***	.202	366.679		
N=4721; Pseudo R^2 = .185 (Nagelkerke); Model $\chi^2_{(2)}$=671.696, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Library Authentications (4 Yr Total)	.031***	.009	11.761	1.031	1.013, 1.049
Propensity Score	3.867***	.673	33.022	47.820	12.786, 178.846
Constant	-2.818***	.473	35.576		
N=509; Pseudo R^2 = .103 (Nagelkerke); Model $\chi^2_{(2)}$=55.096, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Library Authentications (4 Yr Total)	.038***	.009	17.285	1.039	1.021, 1.058
Propensity Score	5.932***	.677	76.773	376.761	99.961, 1420.042
Constant	-3.944***	.476	68.535		
N=655; Pseudo R^2 = .239 (Nagelkerke); Model $\chi^2_{(2)}$=127.550, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
Library Authentications (4 Yr Total)	.050***	.014	12.128	1.051	1.022, 1.080
Propensity Score	5.227***	.968	29.127	186.206	27.901, 1242.699
Constant	-3.760***	.674	31.154		
N=351; Pseudo R^2 = .189 (Nagelkerke); Model $\chi^2_{(2)}$=53.793, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					

Library Authentications (4 Yr Total)	.022*	.009	5.806	1.022	1.004, 1.040
Propensity Score	4.395***	.874	25.256	81.012	14.596, 449.658
Constant	-3.002***	.617	23.657		

N=385; Pseudo R^2 = .123 (Nagelkerke); Model $\chi2_{(2)}$=37.266, p<.001

Transfers with 60+ incoming credits - 1st Generation					
Library Authentications (4 Yr Total)	.059***	.018	11.077	1.061	1.024, 1.098
Propensity Score	4.955***	1.077	21.170	141.893	17.190, 1171.274
Constant	-3.189***	.731	19.050		

N=354; Pseudo R^2 = .169 (Nagelkerke); Model $\chi2_{(2)}$=47.437, p<.001

Transfers with 60+ incoming credits - Not 1st Generation					
Library Authentications (4 Yr Total)	.067***	.018	13.450	1.069	1.032, 1.108
Propensity Score	3.204***	.878	13.309	24.620	4.404, 137.640
Constant	-1.798*	.603	8.880		

N=426; Pseudo R^2 = .127 (Nagelkerke); Model $\chi2_{(2)}$=41.100, p<.001

* < .05, ** < .01, *** < .001

Table E.1.C.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Authentications & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table E.1.C.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Authentications & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a NC Institution - Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.1.D. Library Book Checkouts

Table E.1.D.1. Admit Status + Incoming Credits + 1st Generation Status

Library Book Checkouts & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Library Book Checkouts (4 Yr Total)	.038***	.011	12.525	1.038	1.017, 1.060
Propensity Score	5.671***	.336	285.643	290.319	150.405, 560.389
Constant	-4.012***	.260	238.330		
N=2554; Pseudo R^2 = .196 (Nagelkerke); Model $\chi2_{(2)}$=400.434, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Library Book Checkouts (4 Yr Total)	.038***	.008	21.182	1.039	1.022, 1.056
Propensity Score	5.718***	.255	501.164	304.160	184.376, 501.762
Constant	-3.811***	.202	356.523		
N=4721; Pseudo R^2 = .191 (Nagelkerke); Model $\chi2_{(2)}$=693.045, p<.001					
Transfers with 60+ incoming credits - Not 1st Generation					
Library Book Checkouts (4 Yr Total)	.136*	.053	6.686	1.145	1.033, 1.270
Propensity Score	3.451***	.872	15.643	31.519	5.701, 174.263
Constant	-1.831**	.600	9.305		
N=426; Pseudo R^2 = .094 (Nagelkerke); Model $\chi2_{(2)}$=29.852, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation					

* < .05, ** < .01, *** < .001

Table E.1.D.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Book Checkouts & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a Community College					
Library Book Checkouts (4 Yr Total)	.033*	.014	5.178	1.033	1.005, 1.062
Propensity Score	4.119***	.504	66.750	61.478	22.888, 165.131
Constant	-2.784***	.344	65.379		
N=946; Pseudo R^2= .115 (Nagelkerke); Model $\chi2_{(2)}$=85.377, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Library Book Checkouts (4 Yr Total)	.049*	.019	6.721	1.050	1.012, 1.090
Propensity Score	5.301***	.655	65.456	200.493	55.514, 724.093
Constant	-3.274***	.447	53.636		
N=899; Pseudo R^2= .123 (Nagelkerke); Model $\chi2_{(2)}$=85.868, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table E.1.D.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Book Checkouts & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Library Book Checkouts (4 Yr Total)	.020*	.010	4.145	1.020	1.001, 1.040
Propensity Score	4.477***	.404	122.927	88.011	39.883, 194.217
Constant	-2.911***	.278	109.412		
N=1531; Pseudo R^2 = .125 (Nagelkerke); Model $\chi2_{(2)}$=150.734, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Library Book Checkouts (4 Yr Total)	.045**	.016	8.303	1.046	1.014, 1.078
Propensity Score	4.541***	.562	65.262	93.742	31.154, 282.068
Constant	-2.731***	.381	51.318		
N=1142; Pseudo R^2 = .097 (Nagelkerke); Model $\chi2_{(2)}$=84.889, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.1.E. Library Study Room Reservations

Table E.1.E.1. Admit Status + Incoming Credits + 1st Generation Status

Library Study Room Reservations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Library Study Room Reserv. (4 Yr Total)	.033***	.005	36.589	1.033	1.022, 1.044
Propensity Score	5.533***	.338	267.599	252.932	130.344, 490.813
Constant	-3.978***	.262	230.968		
N=2554; Pseudo R^2 = .215 (Nagelkerke); Model $\chi2_{(2)}$=444.220, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Library Study Room Reserv. (4 Yr Total)	.018***	.004	24.998	1.018	1.011, 1.025
Propensity Score	5.751***	.256	505.402	314.451	190.463, 519.155
Constant	-3.841***	.202	359.968		
N=4721; Pseudo R^2 = .192 (Nagelkerke); Model $\chi2_{(2)}$=699.016, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Library Study Room Reserv. (4 Yr Total)	.028**	.011	6.687	1.028	1.007, 1.050
Propensity Score	5.967***	.669	79.654	390.397	105.292, 1447.495
Constant	-3.824***	.467	66.927		
N=655; Pseudo R^2 = .219 (Nagelkerke); Model $\chi2_{(2)}$=115.972, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Library Study Room Reserv. (4 Yr Total)	.038*	.015	6.420	1.039	1.009, 1.070
Propensity Score	4.455***	.883	25.441	86.070	15.241, 486.080
Constant	-3.029***	.622	23.745		
N=385; Pseudo R^2 = .140 (Nagelkerke); Model $\chi2_{(2)}$=42.713, p<.001					
Transfers with 60+ incoming credits - 1st Generation					
Library Study Room Reserv. (4 Yr Total)	.047**	.017	7.245	1.048	1.013, 1.084
Propensity Score	5.203***	1.068	23.735	181.817	22.417, 1474.642
Constant	-3.239***	.724	20.002		
N=354; Pseudo R^2 = .139 (Nagelkerke); Model $\chi2_{(2)}$=38.563, p<.001					
No significant findings were noted for the following subgroupings:					

- **Transfers with 24-39 incoming credits - 1st Generation**
- **Transfers with 40-59 incoming credits - 1st Generation**
- **Transfers with 60+ incoming credits - Not 1st Generation**

$* < .05, ** < .01, *** < .001$

Table E.1.E.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Study Room Reservations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Library Study Room Reserv. (4 Yr Total)	.013*	.006	4.228	1.013	1.001, 1.026
Propensity Score	4.905***	.563	75.814	134.962	44.741, 407.118
Constant	-3.082***	.395	60.917		
N=832; Pseudo R^2 = .151 (Nagelkerke); Model $\chi 2_{(2)}$=99.030, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Library Study Room Reserv. (4 Yr Total)	.016**	.006	6.978	1.016	1.004, 1.029
Propensity Score	4.080***	.506	65.064	59.142	21.964, 159.380
Constant	-2.773***	.345	64.504		
N=946; Pseudo R^2 = .120 (Nagelkerke); Model $\chi 2_{(2)}$=89.136, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Library Study Room Reserv. (4 Yr Total)	.034*	.014	5.688	1.035	1.006, 1.064
Propensity Score	3.455***	.769	20.194	31.665	7.016, 142.905
Constant	-2.402***	.526	20.892		
N=458; Pseudo R^2 = .096 (Nagelkerke); Model $\chi 2_{(2)}$=34.365, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Library Study Room Reserv. (4 Yr Total)	.016**	.007	4.742	1.016	1.002, 1.030
Propensity Score	6.416***	.723	78.755	611.257	148.207, 2521.032
Constant	-4.311***	.500	74.380		
N=690; Pseudo R^2 = .191 (Nagelkerke); Model $\chi 2_{(2)}$=106.486, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 60+ incoming credits -Transferred from a 4 Year Institution • Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table E.1.E.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Study Room Reservations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Library Study Room Reserv. (4 Yr Total)	.018***	.005	12.208	1.018	1.008, 1.028
Propensity Score	4.456***	.406	120.507	86.137	38.875, 190.855
Constant	-2.939***	.280	110.222		
N=1531; Pseudo R^2 = .137 (Nagelkerke); Model $\chi2_{(2)}$=165.991, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Library Study Room Reserv. (4 Yr Total)	.020**	.007	8.501	1.020	1.007, 1.034
Propensity Score	5.436***	.576	89.048	229.617	74.238, 710.203
Constant	-3.731***	.397	88.110		
N=960; Pseudo R^2 = .161 (Nagelkerke); Model $\chi2_{(2)}$=123.810, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Library Study Room Reserv. (4 Yr Total)	.017*	.007	6.459	1.017	1.004, 1.031
Propensity Score	4.511***	.559	65.143	90.975	30.424, 272.030
Constant	-2.702***	.379	50.886		
N=1142; Pseudo R^2 = .091 (Nagelkerke); Model $\chi2_{(2)}$=80.148, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.2. Career Center Engagements

E.2.A. Career Center Advising Sessions

Table E.2.A.1. Admit Status + Incoming Credits + 1st Generation Status

Career Center Advising & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Career Center Advising. (4 Yr Total)	.574***	.076	56.683	1.775	1.529, 2.060
Propensity Score	5.576***	.338	272.667	264.047	136.220, 511.826
Constant	-4.034***	.262	236.665		
N=2554; Pseudo R^2 = .226 (Nagelkerke); Model χ2$_{(2)}$=468.268, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Career Center Advising. (4 Yr Total)	.433***	.051	70.829	1.542	1.394, 1.705
Propensity Score	5.619***	.255	483.975	275.620	167.070, 454.697
Constant	-3.807***	.202	354.470		
N=4721; Pseudo R^2 = .208 (Nagelkerke); Model χ2$_{(2)}$=760.862, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Career Center Advising. (4 Yr Total)	.363**	.122	8.853	1.437	1.132, 1.825
Propensity Score	5.816***	.667	75.957	335.707	90.762, 1241.700
Constant	-3.733***	.465	64.351		
N=655; Pseudo R^2 = .219 (Nagelkerke); Model χ2$_{(2)}$=115.686, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Career Center Advising. (4 Yr Total)	.260*	.119	4.788	1.297	1.028, 1.638
Propensity Score	4.273***	.863	24.536	71.736	13.227, 389.061
Constant	-2.876***	.605	22.604		
N=385; Pseudo R^2 = .117 (Nagelkerke); Model χ2$_{(2)}$=35.421, p<.001					
Transfers with 60+ incoming credits - 1st Generation					
Career Center Advising. (4 Yr Total)	.546**	.171	10.180	1.726	1.234, 2.413
Propensity Score	5.412***	1.080	25.113	224.101	26.988, 1860.882
Constant	-3.426***	.736	21.657		
N=354; Pseudo R^2 = .148 (Nagelkerke); Model χ2$_{(2)}$=41.053, p<.001					

No significant findings were noted for the following subgroupings:
● Transfers with 24-39 incoming credits - 1st Generation ● Transfers with 40-59 incoming credits - 1st Generation ● Transfers with 60+ incoming credits - Not 1st Generation

$* < .05, ** < .01, *** < .001$

Table E.2.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

Career Center Advising & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Career Center Advising. (4 Yr Total)	.210**	.079	7.001	1.233	1.056, 1.441
Propensity Score	4.893***	.564	75.272	133.360	44.154, 402.796
Constant	-3.095***	.396	61.160		
N=832; Pseudo R^2 = .153 (Nagelkerke); Model χ2$_{(2)}$=100.182, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Career Center Advising. (4 Yr Total)	.258**	.080	10.467	1.294	1.107, 1.513
Propensity Score	3.986***	.505	62.316	53.813	20.005, 144.758
Constant	-2.734***	.344	63.315		
N=946; Pseudo R^2 = .123 (Nagelkerke); Model χ2$_{(2)}$=91.769, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Career Center Advising. (4 Yr Total)	.301*	.138	4.734	1.351	1.030, 1.771
Propensity Score	3.637***	.762	22.792	37.973	8.532, 169.010
Constant	-2.515***	.524	23.047		
N=458; Pseudo R^2 = .088 (Nagelkerke); Model χ2$_{(2)}$=31.437, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Career Center Advising. (4 Yr Total)	.158*	.065	5.992	1.172	1.032, 1.330
Propensity Score	6.420***	.725	78.435	614.180	148.331, 2543.085
Constant	-4.328***	.501	74.565		
N=690; Pseudo R^2 = .193 (Nagelkerke); Model χ2$_{(2)}$=107.858, p<.001					
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
Career Center Advising. (4 Yr Total)	.331*	.128	6.689	1.392	1.083, 1.788
Propensity Score	3.170***	.872	13.199	23.797	4.304, 131.562
Constant	-1.706**	.585	8.503		
N=425; Pseudo R^2 = .069 (Nagelkerke); Model χ2$_{(2)}$=21.949, p<.001					
No significant findings were noted for the following subgroupings:					
● **Transfers with 60+ incoming credits -Transferred from a Community College**					

* < .05, ** < .01, *** < .001

Table E.2.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Career Center Advising & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Career Center Advising. (4 Yr Total)	.222***	.059	14.258	1.249	1.113, 1.401
Propensity Score	4.414***	.405	119.012	82.590	37.371, 182.524
Constant	-2.917***	.279	109.422		
N=1531; Pseudo R^2 = .135 (Nagelkerke); Model $\chi2_{(2)}$=163.247, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Career Center Advising. (4 Yr Total)	.217**	.067	10.643	1.243	1.091, 1.416
Propensity Score	5.483***	.577	90.410	240.678	77.724, 745.279
Constant	-3.773***	.398	89.701		
N=960; Pseudo R^2 = .163 (Nagelkerke); Model $\chi2_{(2)}$=125.236, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Career Center Advising. (4 Yr Total)	.126*	.062	4.102	1.134	1.004, 1.282
Propensity Score	4.518***	.559	65.219	91.659	30.617, 274.401
Constant	-2.704***	.380	50.747		
N=1142; Pseudo R^2 = .088 (Nagelkerke); Model $\chi2_{(2)}$=77.136, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.2.B. Career Center - Career Fairs

Table E.2.B.1. Admit Status + Incoming Credits + 1st Generation Status

Career Center Career Fairs & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Career Fairs (4 Yr Total)	.740***	.075	96.504	2.095	1.808, 2.428
Propensity Score	5.619***	.340	273.094	275614	141.539, 536.693
Constant	-4.181***	.265	248.309		
N=2554; Pseudo R^2 = .244 (Nagelkerke); Model $\chi2_{(2)}$=510.643, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Career Fairs (4 Yr Total)	.648***	.055	136.558	1.912	1.715, 2.131
Propensity Score	5.491***	.257	457.497	242.451	146.593, 400.991
Constant	-3.830***	.203	354.460		
N=4721; Pseudo R^2 = .230 (Nagelkerke); Model $\chi2_{(2)}$=848.396, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Career Fairs (4 Yr Total)	.737***	.168	19.210	2.090	1.503, 2.906
Propensity Score	3.637***	.637	29.169	37.992	10.149, 142.221
Constant	-2.674***	.468	32.599		
N=509; Pseudo R^2 = .169 (Nagelkerke); Model $\chi2_{(2)}$=69.000, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Career Fairs (4 Yr Total)	.682***	.146	21.926	1.977	1.486, 2.630
Propensity Score	5.800***	.680	72.707	330.254	87.070, 1252.634
Constant	-3.830***	.476	64.747		
N=655; Pseudo R^2 = .250 (Nagelkerke); Model $\chi2_{(2)}$=134.235, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Career Fairs (4 Yr Total)	.526**	.172	9.352	1.692	1.208, 2.369
Propensity Score	4.407***	.880	25.085	82.027	14.621, 460.199
Constant	-3.030***	.621	23.842		
N=385; Pseudo R^2 = .138 (Nagelkerke); Model $\chi2_{(2)}$=41.869, p<.001					
Transfers with 60+ incoming credits - 1st Generation					

Career Fairs (4 Yr Total)	.771***	.213	13.112	2.161	1.424, 3.280
Propensity Score	5.730***	1.114	26.477	308.006	34.726, 2731.907
Constant	-3.678***	.763	23.260		

N=354; Pseudo R^2 = .157 (Nagelkerke); Model $\chi2_{(2)}$=43.647, p<.001

Transfers with 60+ incoming credits - Not 1st Generation

Career Fairs (4 Yr Total)	.718***	.206	12.088	2.050	1.368, 3.072
Propensity Score	3.086***	.865	12.717	21.890	4.014, 119.367
Constant	-1.648**	.592	7.756		

N=426; Pseudo R^2 = .107. (Nagelkerke); Model $\chi2_{(2)}$=34.218, p<.001

No significant findings were noted for the following subgroupings:

- Transfers with 40-59 incoming credits - 1st Generation

* < .05, ** < .01, *** < .001

Table E.2.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

Career Center Career Fairs & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Career Fairs (4 Yr Total)	.659***	.132	25.019	1.933	1.493, 2.502
Propensity Score	4.818***	.573	70.710	123.710	40.244, 380.283
Constant	-3.165***	.403	61.821		
N=832; Pseudo R^2 = .189 (Nagelkerke); Model χ2$_{(2)}$=125.931, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Career Fairs (4 Yr Total)	.614***	.112	30.305	1.848	1.485, 2.300
Propensity Score	3.805***	.514	54.749	44.938	16.401, 123.133
Constant	-2.720***	.350	60.448		
N=946; Pseudo R^2 = .158 (Nagelkerke); Model χ2$_{(2)}$=119.561, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Career Fairs (4 Yr Total)	.564***	.155	13.182	1.758	1.296, 2.384
Propensity Score	3.644***	.778	21.945	38.255	8.328, 175.739
Constant	-2.607***	.536	23.626		
N=458; Pseudo R^2 = .113 (Nagelkerke); Model χ2$_{(2)}$=40.693, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Career Fairs (4 Yr Total)	.301*	.105	8.274	1.351	1.101, 1.659
Propensity Score	6.384***	.727	77.117	592.227	142.462, 2461.930
Constant	-4.330***	.503	74.099		
N=690; Pseudo R^2 = .197 (Nagelkerke); Model χ2$_{(2)}$=110.016, p<.001					
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
Career Fairs (4 Yr Total)	.400*	.157	6.525	1.492	1.098, 2.028
Propensity Score	3.077***	.872	12.451	21.703	3.928, 119.921
Constant	-1.646**	.583	7.977		
N=425; Pseudo R^2 = .069 (Nagelkerke); Model χ2$_{(2)}$=22.010, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Career Fairs (4 Yr Total)	.458***	.108	18.138	1.581	1.280, 1.952

Propensity Score	5.393***	.664	65.985	219.768	59.826, 807.310
Constant	-3.418***	.455	56.486		

N=899; Pseudo R^2 = .137 (Nagelkerke); Model χ2$_{(2)}$=96.562, p<.001

* < .05, ** < .01, *** < .001

Table E.2.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Career Center Career Fairs & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Career Fairs (4 Yr Total)	.673***	.093	52.249	1.959	1.633, 2.351
Propensity Score	4.272***	.413	107.126	71.664	31.913, 160.929
Constant	-2.948***	.285	107.232		
N=1531; Pseudo R^2 = .178 (Nagelkerke); Model χ2$_{(2)}$=219.044, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Career Fairs (4 Yr Total)	.477***	.100	22.883	1.611	1.325, 1.958
Propensity Score	5.531***	.586	88.952	252.416	79.970, 796.720
Constant	-3.876***	.407	90.693		
N=960; Pseudo R^2 = .179 (Nagelkerke); Model χ2$_{(2)}$=138.216, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Career Fairs (4 Yr Total)	.439***	.095	21.444	1.551	1.288, 1.868
Propensity Score	4.586***	.568	65.116	98.125	32.211, 298.921
Constant	-2.838***	.387	53.910		
N=1142; Pseudo R^2 = .112 (Nagelkerke); Model χ2$_{(2)}$=98.476, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.2.C. Career Center Classroom Presentations

Table E.2.C.1. Admit Status + Incoming Credits + 1st Generation Status

Career Center Classroom Presentations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Career Center Classroom Presentations (4 Yr Total)	.248***	.054	20.781	1.282	1.152, 1.426
Propensity Score	5.579***	.335	277.633	264.803	137.378, 510.419
Constant	-4.002***	.258	239.788		
N=2554; Pseudo R^2 = .199 (Nagelkerke); Model $\chi2_{(2)}$=406.771, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Career Center Classroom Presentations (4 Yr Total)	.082*	.038	4.610	1.086	1.007, 1.171
Propensity Score	5.801***	.255	518.180	330.624	200.640, 544.819
Constant	-3.853***	.2001	366.823		
N=4721; Pseudo R^2 = .185 (Nagelkerke); Model $\chi2_{(2)}$=668.626, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table E.2.C.2. Transfer Students + Incoming Credit + Transfer Institution Type

Career Center Classroom Presentations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table E.2.C.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Career Center Classroom Presentations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

E.2.D. Career Center Workshops

Table E.2.D.1. Admit Status + Incoming Credits + 1st Generation Status

Career Center Workshops & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Career Center Workshops (4 Yr Total)	.725***	.124	34.365	2.065	1.620, 2.632
Propensity Score	5.598***	.336	277.831	269.869	139.728, 521.224
Constant	-3.986***	.260	234.315		
N=2554; Pseudo R^2= .211 (Nagelkerke); Model $\chi2_{(2)}$=433.865, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Career Center Workshops (4 Yr Total)	.855***	.106	65.171	2.352	1.911, 2.895
Propensity Score	5.578***	.255	477.656	264.430	160.354, 436.054
Constant	-3.743***	.202	343.606		
N=4721; Pseudo R^2= .209 (Nagelkerke); Model $\chi2_{(2)}$=765.465, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Career Center Workshops (4 Yr Total)	.542*	.253	4.577	1.720	1.047, 2.827
Propensity Score	3.713***	.660	31.623	40.981	11.234, 149.494
Constant	-2.572***	.457	31.676		
N=509; Pseudo R^2= .115 (Nagelkerke); Model $\chi2_{(2)}$=45.933, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Career Center Workshops (4 Yr Total)	.898**	.279	10.362	2.454	1.421, 4.239
Propensity Score	5.718***	.669	73.136	304.153	82.037, 1127.650
Constant	-3.655***	.465	61.773		
N=655; Pseudo R^2= .227 (Nagelkerke); Model $\chi2_{(2)}$=120.431, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Career Center Workshops (4 Yr Total)	.839*	.337	6.207	2.313	1.196, 4.475
Propensity Score	4.087***	.862	22.490	59.558	11.000, 322.480
Constant	-2.744***	.602	20.775		
N=385; Pseudo R^2= .128 (Nagelkerke); Model $\chi2_{(2)}$=38.737, p<.001					
Transfers with 60+ incoming credits - 1st Generation					

Career Center Workshops (4 Yr Total)	.903*	.368	6.025	2.466	1.199, 5.070
Propensity Score	5.053***	1.061	22.672	156.566	19.557, 1253.392
Constant	-3.101***	.718	18.648		

N=354; Pseudo R^2 = .129 (Nagelkerke); Model $\chi2_{(2)}$=35.412, p<.001

Transfers with 60+ incoming credits - Not 1st Generation					
Career Center Workshops (4 Yr Total)	1.055**	.345	9.333	2.871	1.459, 5.649
Propensity Score	3.402***	.869	15.320	30.038	5.467, 165.047
Constant	-1.810**	.597	9.175		

N=426; Pseudo R^2 = .106 (Nagelkerke); Model $\chi2_{(2)}$=33.970, p<.001

No significant findings were noted for the following subgroupings:

- Transfers with 40-59 incoming credits - 1st Generation

* < .05, ** < .01, *** < .001

Table E.2.D.2. Transfer Students + Incoming Credit + Transfer Institution Type

Career Center Workshops & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Career Center Workshops (4 Yr Total)	.829**	.252	10.820	2.291	1.398, 3.755
Propensity Score	4.733***	.565	70.049	113.615	37.506, 344.172
Constant	-2.984***	.395	57.126		
N=832; Pseudo R^2 = .165 (Nagelkerke); Model χ2$_{(2)}$=108.192, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Career Center Workshops (4 Yr Total)	.608**	.194	9.843	1.837	1.256, 2.686
Propensity Score	3.986***	.505	62.361	53.849	20.025, 144.859
Constant	-2.710***	.344	62.223		
N=946; Pseudo R^2 = .123 (Nagelkerke); Model χ2$_{(2)}$=91.190, p<.001					
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
Career Center Workshops (4 Yr Total)	.942*	.406	5.382	2.565	1.157, 5.686
Propensity Score	3.152***	.875	12.968	23.376	4.205, 129.942
Constant	-1.648**	.584	7.969		
N=425; Pseudo R^2 = .076 (Nagelkerke); Model χ2$_{(2)}$=24.312, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Career Center Workshops (4 Yr Total)	.692**	.218	10.085	1.998	1.303, 3.062
Propensity Score	5.225***	.653	63.941	185.939	51.657, 669.285
Constant	-3.234***	.445	52.740		
N=899; Pseudo R^2 = .127 (Nagelkerke); Model χ2$_{(2)}$=88.980, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution • Transfers with 40-59 incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table E.2.D.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Career Center Workshops & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Career Center Workshops (4 Yr Total)	.721***	.165	18.996	2.057	1.487, 2.844
Propensity Score	4.335***	.406	114.192	76.302	34.455, 168.972
Constant	-2.857***	.279	104.913		
N=1531; Pseudo R^2 = .142 (Nagelkerke); Model χ2$_{(2)}$=172.308, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Career Center Workshops (4 Yr Total)	.825***	.209	15.602	2.282	1.515, 3.437
Propensity Score	4.479***	.564	63.098	88.114	29.183, 266.053
Constant	-2.711***	.382	50.399		
N=1142; Pseudo R^2 = .109 (Nagelkerke); Model χ2$_{(2)}$=96.161, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.3. University Center for Academic Excellence (UCAE) Engagements

E.3.A. UCAE Supplemental Instruction (SI) + Peer Assisted Learning (PAL)

Table E.3.A.1. Admit Status + Incoming Credits + 1st Generation Status

UCAE SI + PAL & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
FTIC 1st Generation (any # incoming credits)					
UCAE SI + PAL (4 Yr Total)	.112***	.017	44.322	1.119	1.082, 1.156
Propensity Score	5.653***	.338	279.974	285.042	147.012, 552.672
Constant	-4.079***	.263	240.759		
N=2554; Pseudo R^2 = .221 (Nagelkerke); Model $\chi2_{(2)}$=457.352, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
UCAE SI + PAL (4 Yr Total)	.089***	.013	49.313	1.094	1.067, 1.121
Propensity Score	5.680***	.256	492.650	293.013	177.440, 483.862
Constant	-3.830***	.203	356.971		
N=4721; Pseudo R^2 = .202 (Nagelkerke); Model $\chi2_{(2)}$=735.876, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
UCAE SI + PAL (4 Yr Total)	.089**	.032	7.759	1.093	1.027, 1.163
Propensity Score	5.943***	.667	79.459	381.012	103.146, 1407.417
Constant	-3.806***	.466	66.555		
N=655; Pseudo R^2 = .217 (Nagelkerke); Model $\chi2_{(2)}$=114.434, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table E.3.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

UCAE SI + PAL & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
UCAE SI + PAL (4 Yr Total)	.098***	.027	13.259	1.103	1.046, 1.163
Propensity Score	5.026***	.571	77.563	152.262	49.758, 465.928
Constant	-3.226***	.402	64.242		
N=832; Pseudo R^2 = .169 (Nagelkerke); Model $\chi2_{(2)}$=111.526, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table E.3.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

UCAE SI + PAL & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
UCAE SI + PAL (4 Yr Total)	.049***	.014	12.304	1.050	1.022, 1.079
Propensity Score	4.540***	.405	125.392	93.717	42.334, 207.465
Constant	-2.991***	.281	113.447		
N=1531; Pseudo R^2 = .133 (Nagelkerke); Model $\chi2_{(2)}$=160.740, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.3.B. UCAE Individual Consultations

Table E.3.B.1. Admit Status + Incoming Credits + 1st Generation Status

UCAE Individual Consultations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
UCAE Individual Consults (4 Yr Total)	-0.318*	.150	4.498	.728	.542, .976
Propensity Score	5.812***	.335	300.697	334.121	173.234, 644.427
Constant	-4.035***	.260	241.174		
N=2554; Pseudo R^2 = .191 (Nagelkerke); Model $\chi2_{(2)}$=389.034, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
UCAE Individual Consults (4 Yr Total)	-0.588***	.113	27.013	.555	.445, .693
Propensity Score	5.899***	.255	536.249	364.792	221.411, 601.024
Constant	-3.850***	.202	363.773		
N=4721; Pseudo R^2 = .193 (Nagelkerke); Model $\chi2_{(2)}$=702.557, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
UCAE Individual Consults (4 Yr Total)	-1.004*	.453	4.905	.366	.151, .891
Propensity Score	3.872***	.656	34.816	48.058	13.278, 173.935
Constant	-2.568***	.457	31.592		
N=509; Pseudo R^2 = .121 (Nagelkerke); Model $\chi2_{(2)}$=48.611, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
UCAE Individual Consults (4 Yr Total)	-2.063**	.661	9.749	.002	.035, .464
Propensity Score	6.068***	.667	82.895	431.934	116.974, 1594.942
Constant	-3.728***	.463	64.750		
N=655; Pseudo R^2 = .227 (Nagelkerke); Model $\chi2_{(2)}$=120.578, p<.001					
Transfers with 60+ incoming credits - 1st Generation					
UCAE Individual Consults (4 Yr Total)	-1.574*	.657	5.437	.207	.055, .778
Propensity Score	5.200***	1.072	23.528	181.253	22.171, 1481.791
Constant	-3.030***	.721	17.646		
N=354; Pseudo R^2 = .125 (Nagelkerke); Model $\chi2_{(2)}$=34.333, p<.001					
Transfers with 60+ incoming credits - Not 1st Generation					

UCAE Individual Consults (4 Yr Total)	-2.244*	1.108	4.104	.106	.012, 9.30
Propensity Score	3.422***	.859	15.877	30.644	5.692, 164.993
Constant	-1.646**	.588	7.835		

N=426; Pseudo R^2 = .074 (Nagelkerke); Model $\chi2_{(2)}$=23.586, p<.001

No significant findings were noted for the following subgroupings:

- Transfers with 40-59 incoming credits - 1st Generation
- Transfers with 40-59 incoming credits - Not 1st Generation

* < .05, ** < .01, *** < .001

Table E.3.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

UCAE Individual Consultations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
UCAE Individual Consults (4 Yr Total)	-1.308**	.409	10.245	.270	.121, .602
Propensity Score	4.977***	.564	77.770	145.017	47.978, 438.323
Constant	-3.016***	.394	58.486		
N=832; Pseudo R^2= .163 (Nagelkerke); Model $\chi2_{(2)}$=107.416, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
UCAE Individual Consults (4 Yr Total)	-1.310**	.483	7.346	.270	.105, .696
Propensity Score	4.114***	.501	67.429	61.195	22.922, 163.372
Constant	-2.687***	.342	61.798		
N=946; Pseudo R^2= .125 (Nagelkerke); Model $\chi2_{(2)}$=93.415, p<.001					
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
UCAE Individual Consults (4 Yr Total)	-1.919*	.778	6.088	.147	.032, .674
Propensity Score	3.029***	.872	12.072	20.667	3.744, 114.084
Constant	-1.428*	.581	6.045		
N=425; Pseudo R^2= .077 (Nagelkerke); Model $\chi2_{(2)}$=24.847, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
UCAE Individual Consults (4 Yr Total)	-1.218**	.412	8.733	.296	.132, .664
Propensity Score	5.293***	.656	65.141	198.852	54.999, 718.962
Constant	-3.158***	.445	50.260		
N=899; Pseudo R^2= .129 (Nagelkerke); Model $\chi2_{(2)}$=90.272, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution • Transfers with 40-59 incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table E.3.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

UCAE Individual Consultations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
UCAE Individual Consults (4 Yr Total)	-1.255***	.331	14.400	.285	.149, .545
Propensity Score	4.492***	.403	124.083	89.318	40.520, 196.884
Constant	-2.840***	.278	104.673		
N=1531; Pseudo R^2 = .142 (Nagelkerke); Model $\chi2_{(2)}$=172.238, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
UCAE Individual Consults (4 Yr Total)	-1.027*	.409	6.290	.358	.161, .799
Propensity Score	5.493***	.575	91.380	242.910	78.768, 749.101
Constant	-3.651***	.395	85.507		
N=960; Pseudo R^2 = .158 (Nagelkerke); Model $\chi2_{(2)}$=121.015, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
UCAE Individual Consults (4 Yr Total)	-1.375***	.388	12.529	.253	.118, .541
Propensity Score	4.511***	.563	64.245	91.035	30.208, 274.339
Constant	-2.598***	.380	46.732		
N=1142; Pseudo R^2 = .108 (Nagelkerke); Model $\chi2_{(2)}$=95.254, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.3.C. UCAE Tutoring

Table E.3.C.1. Admit Status + Incoming Credits + 1st Generation Status

UCAE Tutoring & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
FTIC 1st Generation (any # incoming credits)					
UCAE Tutoring (4 Yr Total)	.165***	.032	26.576	1.179	1.107, 1.255
Propensity Score	5.711***	.337	287.676	302.313	156.251, 584.912
Constant	-4.076***	.262	242.670		
N=2554; Pseudo R^2 = .205 (Nagelkerke); Model $\chi2_{(2)}$=422.010, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
UCAE Tutoring (4 Yr Total)	.068***	.019	12.929	1.070	1.031, 1.111
Propensity Score	5.777***	.255	513.908	322.685	195.828, 531.719
Constant	-3.838***	.202	362.526		
N=4721; Pseudo R^2 = .188 (Nagelkerke); Model $\chi2_{(2)}$=680.874, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
UCAE Tutoring (4 Yr Total)	.082*	.041	3.999	1.086	1.002, 1.177
Propensity Score	5.978***	.664	81.135	394.845	107.514, 1450.073
Constant	-3.796***	.464	66.866		
N=655; Pseudo R^2 = .206 (Nagelkerke); Model $\chi2_{(2)}$=108.562, p<.001					
Transfers with 60+ incoming credits - 1st Generation					
UCAE Tutoring (4 Yr Total)	.247*	.106	5.415	1.280	1.040, 1.576
Propensity Score	5.692***	1.098	26.879	296.580	34.480, 2551.008
Constant	-3.550***	.746	22.649		
N=354; Pseudo R^2 = .144 (Nagelkerke); Model $\chi2_{(2)}$=39.988, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table E.3.C.2. Transfer Students + Incoming Credit + Transfer Institution Type

UCAE Tutoring & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 60+ incoming credits -Transferred from a Community College					
UCAE Tutoring (4 Yr Total)	.082*	.041	4.064	1.085	1.002, 1.174
Propensity Score	5.394***	.656	67.518	220.132	60.789, 797.038
Constant	-3.309***	.448	54.559		
N=899; Pseudo R^2= .117 (Nagelkerke); Model $\chi2_{(2)}$=81.161, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution • Transfers with 24-39 incoming credits -Transferred from a Community College • Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution • Transfers with 40-59 incoming credits -Transferred from a Community College • Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table E.3.C.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

UCAE Tutoring & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 60+ incoming credits -Transferred from a NC Institution					
UCAE Individual Consults (4 Yr Total)	.087*	.036	5.668	1.091	1.015, 1.171
Propensity Score	4.630***	.564	67.456	102.480	33.949, 309.352
Constant	-2.769***	.382	52.437		
N=1142; Pseudo R^2= .092 (Nagelkerke); Model $\chi2_{(2)}$=81.009, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a NC Institution • Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from a NC Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.3.D. UCAE Workshops

Table E.3.D.1. Admit Status + Incoming Credits + 1st Generation Status

UCAE Workshops & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC Not 1st Generation (any # incoming credits)					
UCAE Workshops (4 Yr Total)	.064***	.019	11.478	1.066	1.027, 1.106
Propensity Score	5.745***	.255	507.635	312.618	189.658, 515.296
Constant	-3.836***	.201	364.468		
N=4721; Pseudo R^2 = .187 (Nagelkerke); Model $\chi2_{(2)}$=677.561, p<.001					
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table E.3.D.2. Transfer Students + Incoming Credit + Transfer Institution Type

UCAE Workshops & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table E.3.D.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

UCAE Workshops & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a NC Institution - Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.4. Writing Center Engagements

E.4.A. Writing Center Consultations

Table E.4.A.1. Admit Status + Incoming Credits + 1st Generation Status

Writing Center Consultations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Writing Center Consultations (4 Yr Total)	.543***	.102	28.247	1.722	1.409, 2.104
Propensity Score	5.588***	.335	277.505	267.072	138.395, 515.387
Constant	-3.964***	.260	232.476		
N=2554; Pseudo R^2 = .210 (Nagelkerke); Model $\chi2_{(2)}$=432.836, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Writing Center Consultations (4 Yr Total)	.475***	.076	38.694	1.609	1.385, 1.868
Propensity Score	5.613***	.254	486.768	274.035	166.434, 451.201
Constant	-3.739***	.201	345.852		
N=4721; Pseudo R^2 = .200 (Nagelkerke); Model $\chi2_{(2)}$=727.636, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
Writing Center Consultations (4 Yr Total)	1.280*	.513	6.233	3.598	1.317, 9.829
Propensity Score	4.522***	.922	24.031	92.026	15.091, 561.198
Constant	-3.133***	.628	24.876		
N=351; Pseudo R^2 = .180 (Nagelkerke); Model $\chi2_{(2)}$=50.916, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table E.4.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

Writing Center Consultations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a Community College					
Writing Center Consultations (4 Yr Total)	.518**	.157	10.816	1.678	1.233, 2.284
Propensity Score	4.000***	.504	63.056	54.572	20.335, 146.453
Constant	-2.719	.343	62.739		
N=946; Pseudo R^2 = .128 (Nagelkerke); Model $\chi2_{(2)}$=95.103, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Writing Center Consultations (4 Yr Total)	.605**	.206	8.652	1.832	1.224, 2.742
Propensity Score	6.298***	.726	75.250	543.215	130.928, 2253.782
Constant	-4.242***	.500	71.840		
N=690; Pseudo R^2 = .209 (Nagelkerke); Model $\chi2_{(2)}$=117.470, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Writing Center Consultations (4 Yr Total)	.265*	.119	5.007	1.304	1.033, 1.644
Propensity Score	5.254***	.652	64.919	191.319	53.298, 686.764
Constant	-3.218***	.444	52.573		
N=899; Pseudo R^2 = .120 (Nagelkerke); Model $\chi2_{(2)}$=83.751, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table E.4.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Writing Center Consultations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Writing Center Consultations (4 Yr Total)	.455**	.150	9.195	1.576	1.175, 2.115
Propensity Score	5.335***	.573	86.852	207.576	67.585, 637.532
Constant	-3.643***	.394	85.485		
N=960; Pseudo R^2 = .164 (Nagelkerke); Model $\chi2_{(2)}$=125.843, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Writing Center Consultations (4 Yr Total)	.332**	.117	7.983	1.393	1.107, 1.753
Propensity Score	4.553***	.562	65.528	94.887	31.512, 285.716
Constant	-2.728	.381	51.308		
N=1142; Pseudo R^2 = .101 (Nagelkerke); Model $\chi2_{(2)}$=89.005, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a NC Institution - Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

Table E.4.B.1. Admit Status + Incoming Credits + 1st Generation Status

Writing Center Classroom Presentations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC Not 1st Generation (any # incoming credits)					
Writing Center Presentations (4 Yr Total)	-0.206***	.048	18.244	.814	.741, .895
Propensity Score	5.951***	.256	540.341	384.043	232.527, 634.288
Constant	-3.858***	.202	364.550		
N=4721; Pseudo R^2 = .188 (Nagelkerke); Model χ2$_{(2)}$=681.491, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Writing Center Presentations (4 Yr Total)	-0.776*	.318	5.951	.460	.247, .858
Propensity Score	4.746***	.884	28.793	115.077	20.332, 651.321
Constant	-3.025***	.614	24.285		
N=385; Pseudo R^2 = .120 (Nagelkerke); Model χ2$_{(2)}$=36.311, p<.001					
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table E.4.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

Writing Center Classroom Presentations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution • Transfers with 24-39 incoming credits -Transferred from a Community College • Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution • Transfers with 40-59 incoming credits -Transferred from a Community College • Transfers with 60+ incoming credits -Transferred from a 4 Year Institution • Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table E.4.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Writing Center Classroom Presentations & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Writing Center Presentations (4 Yr Total)	-0.534*	.250	4.565	.586	.359, .957
Propensity Score	5.599***	.577	94.054	270.080	87.115, 837.319
Constant	-3.727***	.395	88.869		
N=960; Pseudo R^2 = .151 (Nagelkerke); Model $\chi2_{(2)}$=114.973, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a NC Institution • Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from a NC Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.5. Extracurricular Engagements

E.5.A. Greek Life Membership

Table E.5.A.1. Admit Status + Incoming Credits + 1st Generation Status

Greek Life Member & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Greek Life Member	.491***	.140	12.316	1.634	1.242, 2.149
Propensity Score	5.665***	.335	286.306	288.495	149.683, 556..036
Constant	-3.997***	.259	237.963		
N=2554; Pseudo R^2 = .194 (Nagelkerke); Model $\chi2_{(2)}$=397.164, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Greek Life Member	.280**	.095	8.614	1.323	1.097, 1.595
Propensity Score	5.749***	.256	505.886	313.904	190.206, 518.048
Constant	-3.810***	.201	358.277		
N=4721; Pseudo R^2 = .186 (Nagelkerke); Model $\chi2_{(2)}$=627.770, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Greek Life Member	.684*	.283	5.837	1.983	1.138, 3.454
Propensity Score	5.840***	.665	77.059	343.903	93.352, 1266.956
Constant	-3.713***	.463	64.346		
N=655; Pseudo R^2 = .209 (Nagelkerke); Model $\chi2_{(2)}$=110.104, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Greek Life Member	.836*	.417	4.016	2.307	1.019, 5.226
Propensity Score	4.253***	.860	24.480	70.334	13.045, 379.214
Constant	-2.830***	.602	22.127	--	
N=385; Pseudo R^2 = .114 (Nagelkerke); Model $\chi2_{(2)}$=34.309, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table E.5.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

Greek Life Member & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Greek Life Member	.961***	.268	12.866	2.613	1.546, 4.417
Propensity Score	4.707***	.567	68.952	110.737	36.456, 336.369
Constant	-2.983***	.396	56.862		
N=832; Pseudo R^2= .162 (Nagelkerke); Model $\chi2_{(2)}$=106.470, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Greek Life Member	.530*	.251	4.480	1.700	1.040, 2.778
Propensity Score	4.007***	.504	63.311	54.986	20.492, 147.544
Constant	-2.702***	.342	62.509		
N=946; Pseudo R^2= .112 (Nagelkerke); Model $\chi2_{(2)}$=83.272, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Greek Life Member	.954*	.436	4.793	2.596	1.105, 6.098
Propensity Score	6.352***	.719	78.062	573.780	140.204, 2348.174
Constant	-4.245***	.496	73.249		
N=690; Pseudo R^2= .190 (Nagelkerke); Model $\chi2_{(2)}$=105.842, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table E.5.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Greek Life Member & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Greek Life Member	.745***	.199	13.949	2.106	1.425, 3.113
Propensity Score	4.323***	.405	113.926	75.380	34.083, 166.713
Constant	-2.838***	.278	104.434		
N=1531; Pseudo R^2 = .133 (Nagelkerke); Model χ2$_{(2)}$=160.863, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Greek Life Member	.834*	.341	5.982	2.303	1.180, 4.495
Propensity Score	5.403***	.571	89.652	222.001	72.554, 679.279
Constant	-3.666***	.393	86.988		
N=960; Pseudo R^2 = .153 (Nagelkerke); Model χ2$_{(2)}$=116.837, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

E.5.B. Sports Club Membership

Table E.5.B.1. Admit Status + Incoming Credits + 1st Generation Status

Sports Club Member & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
FTIC Not 1st Generation (any # incoming credits)					
Sports Club Member	.253*	.122	4.305	1.288	1.104, 1.636
Propensity Score	5.836***	.254	527.228	342.331	208.022, 563.357
Constant	-3.856***	.201	366.149		
N=4721; Pseudo R^2 = .184 (Nagelkerke); Model $\chi2_{(2)}$=668.347, p<.001					
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table E.5.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

Sports Club Member & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table E.5.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Sports Club Member & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a NC Institution - Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

$* < .05, ** < .01, *** < .001$

E.5.C. Intramural Team Memberships

Table E.5.C.1. Admit Status + Incoming Credits + 1st Generation Status

Intramural Team Memberships & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
FTIC Not 1st Generation (any # incoming credits)					
Intramural Teams (4 Yr Total)	.076***	.020	13.735	1.079	1.036, 1.123
Propensity Score	5.747***	.255	509.178	313.320	190.191, 516.162
Constant	-3.821***	.201	361.031		
N=4721; Pseudo R^2 = .187 (Nagelkerke); Model $\chi2_{(2)}$=678.983, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
Intramural Teams (4 Yr Total)	-.260*	.126	4.231	.771	.602, .988
Propensity Score	5.032***	.912	30.463	153.287	25.669, 915.357
Constant	-3.283***	.624	27.676		
N=351; Pseudo R^2 = .149 (Nagelkerke); Model $\chi2_{(2)}$=41.665, p<.001					
No significant findings were noted for the following subgroupings:					
• FTIC 1st Generation (any # incoming credits) • Transfers with 24-39 incoming credits - 1st Generation • Transfers with 24-39 incoming credits -Not 1st Generation • Transfers with 40-59 incoming credits - Not 1st Generation • Transfers with 60+ incoming credits - 1st Generation • Transfers with 60+ incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table E.5.C.2. Transfer Students + Incoming Credit + Transfer Institution Type

Intramural Team Memberships & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a Community College					
Intramural Teams (4 Yr Total)	.122*	.061	3.961	1.129	1.002, 1.273
Propensity Score	4.098***	.502	66.682	60.243	22.527, 161.109
Constant	-2.766***	.343	65.152		
N=946; Pseudo R^2 = .112 (Nagelkerke); Model $\chi2_{(2)}$=82.866, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table E.5.C.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Intramural Team Memberships & 4 Year Cumulative GPA (Above Avg Rates): Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a NC Institution - Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

Appendix F. RQ3: 6 Year Graduation Binary Logistic Regression Results

F.1. Library Engagements

F.1.A. Library Instruction

Table F.1.A.1. Admit Status + Incoming Credits + 1st Generation Status

Library Instruction Engagements & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Library Instruction (6Yr Total)	.258***	.045	32.805	1.294	1.185, 1.414
Propensity Score	7.277***	.488	222.559	1447.285	556.319, 3765.165
Constant	-5.125***	.369	193.104		
N=1,766; Pseudo R^2 = .254 (Nagelkerke); Model $\chi2_{(2)}$=353.408, p<.001.					
FTIC Not 1st Generation (any # incoming credits)					
Library Instruction (6Yr Total)	.180****	.034	27.964	1.197	1.120, 1.279
Propensity Score	7.503***	.391	368.623	1813.910	843.264
Constant	-4.956***	.296	281.262		
N=3322; Pseudo R^2 = .224 (Nagelkerke); Model $\chi2_{(2)}$=546.702, p<.001.					
Transfers with 24-39 incoming credits - 1st Generation					
Library Instruction (6Yr Total)	.555**	.170	10.632	1.741	1.248, 2.430
Propensity Score	5.597***	1.088	26.456	269.522	31.946, 2273.927
Constant	-3.109***	.682	20.785		
N=314; Pseudo R^2 = .246 (Nagelkerke); Model $\chi2_{(2)}$=59.038, p<.001.					
Transfers with 24-39 incoming credits -Not 1st Generation					
Library Instruction (6Yr Total)	.888***	.176	25.502	2.429	1.721, 3.429
Propensity Score	6.182***	1.065	33.694	483.795	60.003, 3900.731
Constant	-3.520***	.676	27.120		
N=409; Pseudo R^2 = .307 (Nagelkerke); Model $\chi2_{(2)}$=95.499, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
Library Instruction (6Yr Total)	.916***	.243	14.276	2.500	1.554, 4.021
Propensity Score	5.527***	1.638	11.389	251.365	10.146, 6227.769
Constant	-3.031*	.998	9.222		

N=219; Pseudo R^2 = .228 (Nagelkerke); Model χ2$_{(2)}$=38.596, p<.001					
Transfers with 60+ incoming credits - 1st Generation					
Library Instruction (6Yr Total)	.635**	.230	7.617	1.887	1.202, 2.963
Propensity Score	3.846**	1.341	8.222	46.822	3.378, 649.054
Constant	Not sig.	--	--		
N=263; Pseudo R^2 = .126 (Nagelkerke); Model χ2$_{(2)}$=23.028, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Library Instruction (6Yr Total)	.534**	.201	7.034	1.706	1.150, 2.532
Propensity Score	3.798**	1.201	10.003	44.595	4.239, 469.183
Constant	-1.500*	.713	4.419		
N=296; Pseudo R^2 = .109 (Nagelkerke); Model χ2$_{(2)}$=23.096, p<.001.					
No significant findings were noted for the following subgroupings:					
● Transfers with 40-59 incoming credits - Not 1st Generation					

$* < .05, ** < .01, *** < .001$

Table F.1.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Instruction Engagements & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Library Instruction (6Yr Total)	.629***	.113	31.084	1.876	1.504, 2.340
Propensity Score	6.083***	.737	68.137	438.542	103.424, 1858.752
Constant	-3.355***				
N=787; Pseudo R^2= .256 (Nagelkerke); Model $\chi2_{(2)}$=154.097, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Library Instruction (6Yr Total)	.621***	.110	31.640	1.861	1.499, 2.311
Propensity Score	6.189***	.789	61.526	487.213	103.784, 2287.212
Constant	-3.471	.478	52.751		
N=718; Pseudo R^2= .220 (Nagelkerke); Model $\chi2_{(2)}$=140.019, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Library Instruction (6Yr Total)	.431	.133	10.475	1.538	1.185, 1.997
Propensity Score	4.144***	.925	20.085	63.055	10.296, 386.186
Constant	-2.197***	.557	15.572		
N=428; Pseudo R^2= .133 (Nagelkerke); Model $\chi2_{(2)}$=43.693, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Library Instruction (6Yr Total)	.621***	.139	20.102	1.861	1.418, 2.441
Propensity Score	7.122***	1.032	47.615	1238.530	168.3835, 9362.839
Constant	-3.627***	.617	34.548		
N=587; Pseudo R^2= .219 (Nagelkerke); Model $\chi2_{(2)}$=95.609, p<.001					
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
Library Instruction (6Yr Total)	.815***	.204	16.043	2.259	1.516, 3.367
Propensity Score	5.996***	1.205	24.767	401.729	37.880, 4260.460
Constant	-2.879***	.687	17.561		
N=426; Pseudo R^2= .191 (Nagelkerke); Model $\chi2_{(2)}$=61.181, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Library Instruction (6Yr Total)	.516***	.115	20.134	1.676	1.337, 2.100

Propensity Score	3.760***	.723	27.049	42.937	10.411, 177.081
Constant	-1.511***	.429	12.417		

N=886; Pseudo R^2 = .106 (Nagelkerke); Model $\chi2_{(2)}$=67.388, p<.001.

* < .05, ** < .01, *** < .001

Table F.1.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Instruction Engagements & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Library Instruction (6Yr Total)	.623***	.086	54.512	1.883	1.592, 2.227
Propensity Score	6.759***	.611	122.194	861.481	259.902, 2855.499
Constant	-3.785***	.372	103.583		
N=1283; Pseudo R^2 = .273 (Nagelkerke); Model $\chi2_{(2)}$=275.581, p<.001.					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Library Instruction (6Yr Total)	.465***	.102	20.908	1.593	1.305, 1.944
Propensity Score	5.302***	.735	52.002	200.800	47.522, 848.473
Constant	-2.632	.444	35.098		
N=830; Pseudo R^2 = .159 (Nagelkerke); Model $\chi2_{(2)}$=98.289, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Library Instruction (6Yr Total)	.592***	.107	30.854	1.807	1.467, 2.227
Propensity Score	3.940***	.655	36.169	51.405	14.236, 185.613
Constant	-1.635***	.385	18.013		
N=1120; Pseudo R^2 = .120 (Nagelkerke); Model $\chi2_{(2)}$=97.357, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.1.B. Library Library Laptop Checkouts + Desktop Logins

Table F.1.B.1. Admit Status + Incoming Credits + 1st Generation Status

Library Desktop Logins & Laptop Checkouts & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Desktop Logins & Laptop Checkouts (6Yr Total)	.012***	.002	30.326	1.012	1.007, 1.016
Propensity Score	7.506***	.488	236.232	1819.215	698.528, 4737.887
Constant	-5.119***	.369	192.607		
N=1,766; Pseudo R^2 = .259 (Nagelkerke); Model $\chi2_{(2)}$=361.137, p<.001.					
FTIC Not 1st Generation (any # incoming credits)					
Desktop Logins & Laptop Checkouts (6Yr Total)	.011***	.002	35.644	1.011	1.007, 1.015
Propensity Score	7.752***	.389	397.787	2326.199	1085.938, 4982.975
Constant	-5.055***	.297	289.268		
N=3,322; Pseudo R^2 = .232 (Nagelkerke); Model $\chi2_{(2)}$=568.538, p<.001.					
Transfers with 24-39 incoming credits - 1st Generation					
Desktop Logins & Laptop Checkouts (6Yr Total)	.020**	.006	10.163	1.020	1.008, 1.032
Propensity Score	6.501***	1.090	35.543	665.507	78.528, 5639.989
Constant	-3.612***	.705	26.291		
N=314; Pseudo R^2 = .257 (Nagelkerke); Model $\chi2_{(2)}$=61.916, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Desktop Logins & Laptop Checkouts (6Yr Total)	.012*.	.005	5.125	1.012	1.002, 1.002
Propensity Score	4.499***	1.216	13.679	89.926	8.288, 975.709
Constant	-2.014	.758	7.063		
N=264; Pseudo R^2 = .125 (Nagelkerke); Model $\chi2_{(2)}$=23.555, p<.001					
Transfers with 60+ incoming credits - 1st Generation					
Desktop Logins & Laptop Checkouts (6Yr Total)	.024*	.011	4.983	1.024	1.003, 1.046
Propensity Score	3.954**	1.278	9.570	52.138	4.258, 638.401

Constant	Not sig.	--	--		

N=263; Pseudo R^2 = .112 (Nagelkerke); Model $\chi2_{(2)}$=20.472, p<.001

No significant findings were noted for the following subgroupings:

- Transfers with 24-39 incoming credits -Not 1st Generation
- Transfers with 40-59 incoming credits - 1st Generation
- Transfers with 60+ incoming credits - Not 1st Generation

* < .05, ** < .01, *** < .001

Table F.1.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Desktop Logins & Laptop Checkouts & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Desktop Logins & Laptop Checkouts (6Yr Total)	.011***	.003	13.448	1.012	1.005, 1.018
Propensity Score	6.709***	.720	86.908	819.890	200.061, 3360.076
Constant	-3.556***	.454	61.271		
N=787; Pseudo R^2= .227 (Nagelkerke); Model $\chi2_{(2)}$=134.840, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Desktop Logins & Laptop Checkouts (6Yr Total)	.012***	.003	14.684	1.012	1.006, 1.018
Propensity Score	6.926***	.782	78.506	1017.967	219.992, 4710.428
Constant	-3.761***	.481	61.249		
N=718; Pseudo R^2= .216 (Nagelkerke); Model $\chi2_{(2)}$=121.070, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Desktop Logins & Laptop Checkouts (6Yr Total)	.013**	.004	10.195	1.013	1.005, 1.020
Propensity Score	4.523***	.901	25.227	92.110	15.768, 538.068
Constant	-2.428***	.551	19.394		
N=428; Pseudo R^2= .142 (Nagelkerke); Model $\chi2_{(2)}$=46.761, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Desktop Logins & Laptop Checkouts (6Yr Total)	.009**	.004	6.960	1.010	1.002, 1.017
Propensity Score	7.101***	.985	51.924	1212.846	175.801, 8367.399
Constant	-3.475***	.590	34.670		
N=587; Pseudo R^2= .185 (Nagelkerke); Model $\chi2_{(2)}$=79.640, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Desktop Logins & Laptop Checkouts (6Yr Total)	.010**	.004	7.702	1.010	1.003, 1.017
Propensity Score	4.183***	.716	34.083	65.548	16.095, 266.944
Constant	-1.666***	.429	15.106		
N=886; Pseudo R^2= .082 (Nagelkerke); Model $\chi2_{(2)}$=51.536, p<.001					

No significant findings were noted for the following subgroupings:
● Transfers with 60+ incoming credits -Transferred from a 4 Year Institution

* < .05, ** < .01, *** < .001

Table F.1.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Desktop Logins & Laptop Checkouts & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Desktop Logins & Laptop Checkouts (6Yr Total))	.013***	.002	29.323	1.014	1.009, 1.018
Propensity Score	7.430***	.602	152.372	1685.463	518.060, 5483.502
Constant	-4.054***	.372	119.052		
N=1,283; Pseudo R^2 = .252 (Nagelkerke); Model $\chi2_{(2)}$=251.232, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Desktop Logins & Laptop Checkouts (6Yr Total)	.011***	.003	13.555	1.011	1.005, 1.016
Propensity Score	5.471***	.717	58.233	237.628	58.300, 968.556
Constant	-2.682***	.436	37.808		
N=830; Pseudo R^2 = .149 (Nagelkerke); Model $\chi2_{(2)}$=92.264, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Desktop Logins & Laptop Checkouts (6Yr Total)	.009**	.003	8.478	1.009	1.003, 1.016
Propensity Score	4.323***	.641	45.432	75.380	21.448, 264.928
Constant	-1.724***	.379	20.643		
N=1,120; Pseudo R^2 = .084 (Nagelkerke); Model $\chi2_{(2)}$=67.441, p<.001					
No significant findings were noted for the following subgroupings:					
● Transfers with 24-39 incoming credits -Transferred from an Out of State Institution ● Transfers with 40-59 incoming credits -Transferred from an Out of State Institution ● Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.1.C. Library EZProxy & OpenAthens Authentications

Table F.1.C.1. Admit Status + Incoming Credits + 1st Generation Status

Library Authentications (EZProxy + OpenAthens) & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
LibraryAuthentications (6Yr Total)	.129***	.012	106.975	1.137	1.110, 1.165
Propensity Score	6.916***	.521	175.979	1008.232	362.907, 2801.086
Constant	-5.062***	.394	164.919		
N=1,766; Pseudo R^2= .374 (Nagelkerke); Model $\chi2_{(2)}$=548.970, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
LibraryAuthentications (6Yr Total)	.167***	.012	192.062	1.182	1.154, 1.210
Propensity Score	7.439***	.424	307.216	1700.679	740.233, 3907.292
Constant	-5.299***	.326	263.713		
N=3,322; Pseudo R^2= .364 (Nagelkerke); Model $\chi2_{(2)}$=938.241, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
LibraryAuthentications (6Yr Total)	.124***	.034	12.944	1.132	1.058, 1.211
Propensity Score	6.040***	1.108	29.712	419.898	47.857, 3684.191
Constant	-3.366***	.709	22.570		
N=314; Pseudo R^2= .288 (Nagelkerke); Model $\chi2_{(2)}$=70.421, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
LibraryAuthentications (6Yr Total)	.204***	.045	21.009	1.227	1.124, 1.339
Propensity Score	7.153***	1.100	42.262	1277.837	147.880, 11041.848
Constant	-4.137***	.709	34.054		
N=409; Pseudo R^2= .370 (Nagelkerke); Model $\chi2_{(2)}$=118.072, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
LibraryAuthentications (6Yr Total)	.148***	.045	10.628	1.160	1.061, 1.268
Propensity Score	6.283***	1.544	16.552	535.437	25.951, 11047.565
Constant	-3.419***	.959	12.709		
N=219; Pseudo R^2= .221 (Nagelkerke); Model $\chi2_{(2)}$=37.347, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					

LibraryAuthentications (6Yr Total)	.128**	.046	7.682	1.137	1.038, 1.244
Propensity Score	4.564***	1.260	13.124	95.988	8.124, 1134.106
Constant	-2.107**	.784	7.233		

N=264; Pseudo R^2 = .166 (Nagelkerke); Model $\chi 2_{(2)}$=31.810, p<.001

Transfers with 60+ incoming credits - 1st Generation

LibraryAuthentications (6Yr Total)	.085*	.038	4.986	1.088	1.010, 1.173
Propensity Score	4.552***	1.328	11.752	94.815	7.025, 1279.763
Constant	-1.785*	.797	5.013		

N=263; Pseudo R^2 = .123 (Nagelkerke); Model $\chi 2_{(2)}$=22.622, p<.001

No significant findings were noted for the following subgroupings:

- Transfers with 60+ incoming credits - Not 1st Generation

* < .05, ** < .01, *** < .001

Table E.1.C.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Authentications (EZProxy + OpenAthens) & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
LibraryAuthentications (6Yr Total)	.111***	.027	17.336	1.118	1.061, 1.178
Propensity Score	6.400***	.732	76.450	601.989	143.388, 2527.331
Constant	-3.345***	.457	53.549		
N=787; Pseudo R^2 = .251 (Nagelkerke); Model χ2$_{(2)}$=150.205, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
LibraryAuthentications (6Yr Total)	.130***	.028	21.601	1.139	1.078,1.203
Propensity Score	6.756***	.797	71.861	859.558	180.239, 4099.227
Constant	-3.67***	.486	57.204		
N=718; Pseudo R^2 = .256 (Nagelkerke); Model χ2$_{(2)}$=145.557, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
LibraryAuthentications (6Yr Total)	.123***	.035	12.734	1.131	1.057, 1.211
Propensity Score	4.632***	.921	25.306	102.712	16.899, 624.287
Constant	-2.460***	.563	19.112		
N=428; Pseudo R^2 = .161 (Nagelkerke); Model χ2$_{(2)}$=53.506, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
LibraryAuthentications (6Yr Total)	.164***	.047	12.105	1.178	1.074, 1.292
Propensity Score	7.269***	1.006	52.218	1435.153	199.827, 10307.207
Constant	-3.603***	.602	35.831		
N=587; Pseudo R^2 = .219 (Nagelkerke); Model χ2$_{(2)}$=95.636, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
LibraryAuthentications (6Yr Total)	.091**	.028	10.460	1.096	1.037, 1.158
Propensity Score	4.455***	.739	36.179	85.239	20.024, 362.860
Constant	-1.805***	.422	16.655		
N=886; Pseudo R^2 = .068 (Nagelkerke); Model χ2$_{(2)}$=62.691, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table F.1.C.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Authentications (EZProxy + OpenAthens) & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
LibraryAuthentications (6Yr Total)	.136***	.023	35.282	1.146	1.096, 1.199
Propensity Score	7.196***	.614	137.508	1334.183	400.741, 4441.886
Constant	-3.886***	.375	107.272		
N=1,283; Pseudo R^2 = .279 (Nagelkerke); Model $\chi2_{(2)}$=281.432, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
LibraryAuthentications (6Yr Total)	.143***	.032	19.729	1.154	1.083, 1.230
Propensity Score	5.702***	.737	59.875	299.408	70.638, 1269.076
Constant	-2.818***	.448	39.568		
N=830; Pseudo R^2 = .180 (Nagelkerke); Model $\chi2_{(2)}$=112.713, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
LibraryAuthentications (6Yr Total)	.041**	.015	7.239	1.042	1.011, 1.074
Propensity Score	4.586***	.653	49.378	98.088	27.297, 352.466
Constant	-1.829***	.387	22.299		
N=1,120; Pseudo R^2 = .085 (Nagelkerke); Model $\chi2_{(2)}$=67.716, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.1.D. Library Book Checkouts

Table F.1.D.1. Admit Status + Incoming Credits + 1st Generation Status

Library Book Checkouts & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Library Book Checkouts (6Yr Total)	.017*	.008	4.233	1.017	1.001, 1.033
Propensity Score	7.565***	.483	244.942	1929.354	748.121, 4975.674
Constant	-4.991***	.363	188.583		
N=1,766; Pseudo R^2 = .233 (Nagelkerke); Model $\chi2_{(2)}$=322.222, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Library Book Checkouts (6Yr Total)	.038***	.010	15.035	1.038	1.019, 1.058
Propensity Score	7.734***	.388	397.028	2283.694	1067.254, 4886.614
Constant	-4.940***	.295	279.982		
N=3322; Pseudo R^2 = .221 (Nagelkerke); Model $\chi2_{(2)}$=537.075, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Library Book Checkouts (6Yr Total)	.095*	.046	4.224	1.099	1.004, 1.203
Propensity Score	6.234***	1.071	33.913	510.033	62.564, 4157.846
Constant	-3.251***	.681	22.796		
N=314; Pseudo R^2 = .225 (Nagelkerke); Model $\chi2_{(2)}$=53.421, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Library Book Checkouts (6Yr Total)	.121*	.049	5.992	1.128	1.024, 1.243
Propensity Score	6.766***	1.015	44.412	867.743	118.633, 6347.126
Constant	-3.480***	.646	29.047		
N=409; Pseudo R^2 = .229 (Nagelkerke); Model $\chi2_{(2)}$=69.097, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
Library Book Checkouts (6Yr Total)	.217*	.085	6.480	1.243	1.051, 1.469
Propensity Score	5.695***	1.469	15.030	297.504	16.711, 5296.352
Constant	-2.943**	.903	10.615		
N=219; Pseudo R^2 = .188 (Nagelkerke); Model $\chi2_{(2)}$=31.292, p<.001					
No significant findings were noted for the following subgroupings:					

- Transfers with 40-59 incoming credits - Not 1st Generation
- Transfers with 60+ incoming credits - 1st Generation
- Transfers with 40-59 incoming credits - Not 1st Generation

$* < .05, ** < .01, *** < .001$

Table F.1.D.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Book Checkouts & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Library Book Checkouts (6Yr Total)	.161***	.046	12.440	1.174	1.074, 1.284
Propensity Score	6.502***	.721	81.246	666.238	162.049, 2739.123
Constant	-3.373***	.451	55.967		
N=787; Pseudo R^2= .233 (Nagelkerke); Model $\chi2_{(2)}$=138.935, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Library Book Checkouts (6Yr Total)	.086**	.028	9.661	1.090	1.032, 1.150
Propensity Score	6.745***	.780	74.695	849.479	184.028, 3921.225
Constant	-3.543***	.474	55.866		
N=718; Pseudo R^2= .208 (Nagelkerke); Model $\chi2_{(2)}$=116.223, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Library Book Checkouts (6Yr Total)	.088*	.036	6.094	1.092	1.018, 1.171
Propensity Score	4.615***	.95	26.027	101.005	17.152, 594.791
Constant	-2.367***	.552	18.409		
N=428; Pseudo R^2= .124 (Nagelkerke); Model $\chi2_{(2)}$=40.705, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Library Book Checkouts (6Yr Total)	.071*	.031	5.389	1.074	1.011, 1.141
Propensity Score	7.023***	.9891	50.258	1122.470	161.027, 7824.418
Constant	-3.365***	.590	32.479		
N=587; Pseudo R^2= .180 (Nagelkerke); Model $\chi2_{(2)}$= 77.561, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Library Book Checkouts (6Yr Total)	.083**	.029	8.318	1.087	1.027, 1.150
Propensity Score	4.178***	.718	33.841	65.210	15.960, 266.433
Constant	-1.629***	.429	14.415		
N=886; Pseudo R^2= .087 (Nagelkerke); Model $\chi2_{(2)}$=54.840, p<.001.					
No significant findings were noted for the following subgroupings:					
● **Transfers with 60+ incoming credits -Transferred from a 4 Year Institution**					

* < .05, ** < .01, *** < .001

Table F.1.D.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Book Checkouts & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Library Book Checkouts (6Yr Total)	.121***	.029	17.891	1.128	1.067, 1.193
Propensity Score	7.196***	.602	142.956	1333.727	410.004, 4338.566
Constant	-3.790***	.367	106.766		
N=1283; Pseudo R^2 = .242 (Nagelkerke); Model χ2$_{(2)}$=240.492, p<.001.					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Library Book Checkouts (6Yr Total)	.082**	.027	9.240	1.086	1.030, 1.145
Propensity Score	5.471***	.722	57.469	237.621	57.759, 977.573
Constant	-2.596***	.473	35.274		
N=830; Pseudo R^2 = .141 (Nagelkerke); Model χ2$_{(2)}$=86.809, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Library Book Checkouts (6Yr Total)	.045*	.019	5.782	1.046	1.008, 1.085
Propensity Score	4.377***	.642	46.462	79.583	22.608, 280.148
Constant	-1.701***	.380	20.050		
N=1120; Pseudo R^2 = .080 (Nagelkerke); Model χ2$_{(2)}$=63.576, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.1.E. Library Study Room Reservations

Table F.1.E.1. Admit Status + Incoming Credits + 1st Generation Status

Library Study Room Reservations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Study Room Reservations (6Yr Total)	.027***	.006	21.021	1.028	1.016, 1.040
Propensity Score	7.322***	.489	223.919	1513.843	580.171, 3950.076
Constant	-4.923***	.367	180.234		
N=1,766; Pseudo R^2 = .254 (Nagelkerke); Model $\chi2_{(2)}$=354.167, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Study Room Reservations (6Yr Total)	.049***	.006	56.952	1.050	1.037, 1.063
Propensity Score	7.657***	.393	379.964	2115.402	979.555, 4568.372
Constant	-5.013***	.033	279.873		
N=3322; Pseudo R^2 = .252 (Nagelkerke); Model $\chi2_{(2)}$=621.096, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Study Room Reservations (6Yr Total)	.061*	.025	5.833	1.063	1.012, 1.118
Propensity Score	6.283***	1.078	33.984	535.337	64.748, 4426.156
Constant	-3.348***	.688	23.651		
N=314; Pseudo R^2 = .237 (Nagelkerke); Model $\chi2_{(2)}$=56.615, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Study Room Reservations (6Yr Total)	.024*	.011	4.663	1.025	1.002, 1.047
Propensity Score	6.803***	1.004	45.938	900.840	125.960, 6442.618
Constant	-3.474***	.639	29.582		
N=409; Pseudo R^2 = .222 (Nagelkerke); Model $\chi2_{(2)}$=66.768, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
Study Room Reservations (6Yr Total)	.085**	.033	6.772	1.088	1.021, 1.160
Propensity Score	5.451***	1.451	14.109	233.074	13.557, 4007.126
Constant	-2.808**	.892	9.903		
N=219; Pseudo R^2 = .179 (Nagelkerke); Model $\chi2_{(2)}$=29.613, p<.001					

Transfers with 40-59 incoming credits - Not 1st Generation					
Study Room Reservations (6Yr Total)	.075*	.035	4.459	1.077	1.006, 1.154
Propensity Score	4.529***	1.230	13.558	92.702	8.318, 1033.167
Constant	-2.021**	.763	7.016		

N=264; Pseudo R^2 = .148 (Nagelkerke); Model $\chi2_{(2)}$=28.232, p<.001

Transfers with 40-59 incoming credits - Not 1st Generation					
Study Room Reservations (6Yr Total)	Not sig	--	--	--	--
Propensity Score	--	--	--	--	--
Constant	--	--	--		

N=296; Pseudo R^2 = .096 (Nagelkerke); Model $\chi2_{(2)}$=20.329, p<.001

No significant findings were noted for the following subgroupings:

- Transfers with 60+ incoming credits - 1st Generation
- Transfers with 40-59 incoming credits - Not 1st Generation

* < .05, ** < .01, *** < .001

Table F.1.E.2. Transfer Students + Incoming Credit + Transfer Institution Type

Library Study Room Reservations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Study Room Reservations (6Yr Total)	.039***	.011	11.731	1.039	1.017, 1.062
Propensity Score	6.708***	.723	86.176	818.697	198.641, 3374.260
Constant	-3.491***	.453	59.303		
N=787; Pseudo R^2= .229 (Nagelkerke); Model χ2$_{(2)}$=135.964, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Study Room Reservations (6Yr Total)	.041***	.012	10.945	1.042	1.017, 1.067
Propensity Score	6.598***	.775	72.532	733.279	160.464, 3347.091
Constant	-3.509***	.471	55.477		
N=718; Pseudo R^2= .221 (Nagelkerke); Model χ2$_{(2)}$=124.138, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Study Room Reservations (6Yr Total)	.044*	.017	6.401	1.045	1.010, 1.080
Propensity Score	4.648***	.911	26.052	104.339	17.513, 621.610
Constant	-2.404***	.555	18.759		
N=428; Pseudo R^2= .132 (Nagelkerke); Model χ2$_{(2)}$=43.246, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Study Room Reservations (6Yr Total)	.062***	.018	11.984	1.064	1.027, 1.103
Propensity Score	7.169***	.991	52.322	1298.057	186.119, 9053.069
Constant	-3.561***	.594	35.968		
N=587; Pseudo R^2= .214 (Nagelkerke); Model χ2$_{(2)}$=93.479, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Study Room Reservations (6Yr Total)	.021*	.010	4.590	1.021	1.002, 1.040
Propensity Score	4.082***	.715	32.569	59.236	14.582, 240.631
Constant	-1.545***	.425	13.198		
N=886; Pseudo R^2= .076 (Nagelkerke); Model χ2$_{(2)}$=47.814, p<.001					
No significant findings were noted for the following subgroupings:					
● Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table F.1.E.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Library Study Room Reservations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Study Room Reservations (6Yr Total)	.037***	.008	18.496	1.037	1.020, 1.055
Propensity Score	7.307***	.598	149.151	1491.220	461.568, 4817.785
Constant	-3.877***	.366	112.051		
N=1283; Pseudo R^2 = .244 (Nagelkerke); Model $\chi2_{(2)}$=243.041, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Study Room Reservations (6Yr Total)	.053***	.013	15.561	1.054	1.027, 1.082
Propensity Score	5.587***	.724	59.535	266.910	64.570, 1103.315
Constant	-2.738***	.440	38.686		
N=830; Pseudo R^2 = .166 (Nagelkerke); Model $\chi2_{(2)}$=102.837, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Study Room Reservations (6Yr Total)	.023*	.009	6.450	1.024	1.005, 1.042
Propensity Score	4.267***	.641	44.268	71.308	20.288, 250.631
Constant	-1.647***	.378	18.965		
N=1120; Pseudo R^2 = .081 (Nagelkerke); Model $\chi2_{(2)}$=64.896, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.2. Career Center Engagements

F.2.A. Career Center Advising Sessions

Table F.2.A.1. Admit Status + Incoming Credits + 1st Generation Status

Career Center Advising & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Career Center Advising (6 Yr Total)	.519***	.083	38.907	1.680	1.427, 1.977
Propensity Score	7.270***	.489	221.028	1436.633	550.939, 3746.171
Constant	-4.925***	.367	179.843		
N=1,766; Pseudo R^2= .267 (Nagelkerke); Model χ2$_{(2)}$=373.570, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Career Center Advising (6 Yr Total)	.579***	.066	76.278	1.785	1.567, 2.033
Propensity Score	7.465***	.394	358.215	1746.668	806.230, 3784.092
Constant	-4.894***	.300	267.659		
N=3322; Pseudo R^2= .255 (Nagelkerke); Model χ2$_{(2)}$=630.380, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Career Center Advising (6 Yr Total)	1.025***	.298	11.868	2.788	1.556, 4.994
Propensity Score	6.435***	1.096	34.470	623.471	72.748, 5343.348
Constant	-3.550***	.707	25.233		
N=314; Pseudo R^2= .284 (Nagelkerke); Model χ2$_{(2)}$=69.224, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Career Center Advising (6 Yr Total)	.655**	.212	9.548	1.926	1.271, 2.918
Propensity Score	6.632***	1.021	42.183	758.706	102.554, 5613.004
Constant	-3.455***	.649	28.357		
N=409; Pseudo R^2= .240 (Nagelkerke); Model χ2$_{(2)}$=72.505, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
Career Center Advising (6 Yr Total)	1.085**	.336	10.401	2.958	1.530, 5.719
Propensity Score	5.557***	1.507	13.588	259.036	13.495, 4972.163
Constant	-2.933**	.927	10.019		
N=219; Pseudo R^2= .211 (Nagelkerke); Model χ2$_{(2)}$=35.521, p<.001					

Transfers with 40-59 incoming credits - Not 1st Generation					
Career Center Advising (6 Yr Total)	.888**	.283	9.874	2.430	1.397, 4.227
Propensity Score	4.333***	1.250	12.020	76.200	6.577, 882.784
Constant	-2.002	.776	6.653		
N=264; Pseudo R^2 = .178 (Nagelkerke); Model $\chi2_{(2)}$=34.428, p<.001					
Transfers with 60+ incoming credits - 1st Generation					
Career Center Advising (6 Yr Total)	1.961***	.575	11.639	7.106	2.303, 21.923
Propensity Score	4.127**	1.346	9.405	62.009	4.435, 866.923
Constant	-1.721*	.805	4.574		
N=263; Pseudo R^2 = .226 (Nagelkerke); Model $\chi2_{(2)}$=43.010, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Career Center Advising (6 Yr Total)	.901***	.264	11.646	2.463	1.468, 4.133
Propensity Score	4.227***	1.238	11.667	68.522	6.059, 774.888
Constant	-1.838*	.743	6.127		
N=296; Pseudo R^2 = .153 (Nagelkerke); Model $\chi2_{(2)}$=32.948, p<.001					

* < .05, ** < .01, *** < .001

Table F.2.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

Career Center Advising & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Career Center Advising (6Yr Total)	.681***	.144	22.470	1.975	1.491, 2.618
Propensity Score	6.705***	.732	83.959	816.2	194.528, 3425.075
Constant	-3.572***	.461	60.071		
N=787; Pseudo R^2 = .252 (Nagelkerke); Model $\chi2_{(2)}$=151.279, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Career Center Advising (6Yr Total)	.630***	.140	20.166	1.877	1.426, 2.470
Propensity Score	6.778***	.793	73.022	878.052	185.520, 4155.754
Constant	-3.666***	.483	54.546		
N=718; Pseudo R^2 = .237 (Nagelkerke); Model $\chi2_{(2)}$=133.819, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Career Center Advising (6Yr Total)	.749***	.186	16.242	2.115	1.469, 3.044
Propensity Score	4.616***	.918	25.309	101.077	16.736, 610.455
Constant	-2.514***	.562	19.988		
N=428; Pseudo R^2 = .169 (Nagelkerke); Model $\chi2_{(2)}$=56.288, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Career Center Advising (6Yr Total)	.451***	.131	11.922	1.570	1.215, 2.029
Propensity Score	7.001***	1.011	47.962	1098.214	151.407, 7965.766
Constant	-3.444***	.603	32.643		
N=587; Pseudo R^2 = .200 (Nagelkerke); Model $\chi2_{(2)}$=86.729, p<.001					
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
Career Center Advising (6Yr Total)	.724***	.200	13.140	2.063	1.395, 3.051
Propensity Score	6.123***	1.158	27.976	456.035	47.172, 4408.712
Constant	-2.900***	.665	19.021		
N=426; Pseudo R^2 = .181 (Nagelkerke); Model $\chi2_{(2)}$=57.855, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Career Center Advising (6Yr Total)	.693***	.143	23.538	1.999	1.511, 2.644

Propensity Score	4.106***	.731	31.582	60.701	14.497, 254.158
Constant	-1.710***	.437	15.342		

N=886; Pseudo R^2 = .125 (Nagelkerke); Model $\chi2_{(2)}$=79.723, p<.001

* < .05, ** < .01, *** < .001

Table F.2.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Career Center Advising & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Career Center Advising (6Yr Total)	.729***	.116	39.534	2.073	1.652, 2.602
Propensity Score	7.424***	.613	146.479	1675.046	503.409, 5573.558
Constant	-4.034***	.377	114.791		
N=1,283; Pseudo R^2 = .272 (Nagelkerke); Model $\chi2_{(2)}$=274.224, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Career Center Advising (6Yr Total)	.562***	.121	21.576	1.753	1.383, 2.222
Propensity Score	5.395***	.736	53.688	220.382	52.047, 933.166
Constant	-2.660***	.446	35.554		
N=830; Pseudo R^2 = .170 (Nagelkerke); Model $\chi2_{(2)}$=105.984, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Career Center Advising (6Yr Total)	.670***	.123	29.783	1.955	1.536, 2.486
Propensity Score	4.276***	.651	43.111	71.918	20.071, 257.701
Constant	-1.798***	.386	21.690		
N=1120; Pseudo R^2 = .126 (Nagelkerke); Model $\chi2_{(2)}$=102.525, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.2.B. Career Center - Career Fairs

Table F.2.B.1. Admit Status + Incoming Credits + 1st Generation Status

Career Fairs & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
FTIC 1st Generation (any # incoming credits)					
Career Fairs (6Yr Total)	1.211***	.120	102.292	3.358	2.655, 4.246
Propensity Score	6.910***	.506	186.241	1002.516	371.603, 2704.604
Constant	-4.890***	.381	164.760		
N=1,766; Pseudo R^2 = .335 (Nagelkerke); Model $\chi2_{(2)}$=483.569, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Career Fairs (6Yr Total)	.865***	.076	129.699	2.376	2.047, 2.757
Propensity Score	7.176***	.396	329.034	1307.108	601.994, 2838.122
Constant	-4.816***	.301	255.475		
N=3,322; Pseudo R^2 = .287 (Nagelkerke); Model $\chi2_{(2)}$=716.640, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Career Fairs (6Yr Total)	1.178***	.331	12.712	3.249	1.700, 76.211
Propensity Score	5.739***	1.077	28.382	310.765	37.624, 2566.822
Constant	-3.124	.687	20.661		
N=314; Pseudo R^2 = .282 (Nagelkerke); Model $\chi2_{(2)}$=68.647, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Career Fairs (6Yr Total)	1.126***	.294	14.623	3.082	1.731, 5.487
Propensity Score	6.280***	1.027	37.409	533.614	71.333, 3991.770
Constant	-3.316***	.651	25.927		
N=409; Pseudo R^2 = .269 (Nagelkerke); Model $\chi2_{(2)}$=82.444, p<.001					
Transfers with 40-59 incoming credits - 1st Generation					
Career Fairs (6Yr Total)	1.139**	.394	8.379	3.125	1.445, 6.758
Propensity Score	4.785**	1.457	10,.792	119.752	6.892, 2080.804
Constant	-2.407**	.886	7.387		
N=219; Pseudo R^2 = .188 (Nagelkerke); Model $\chi2_{(2)}$=31.244, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					

Career Fairs (6Yr Total)	1.477***	.436	11.456	4.379	1.862, 10.298
Propensity Score	4.388***	1.242	12.483	80.488	7.056, 918.131
Constant	-2.057**	.772	7.096		

N=264; Pseudo R^2 = .208 (Nagelkerke); Model $\chi2_{(2)}$=40.507, p<.001

Transfers with 60+ incoming credits - 1st Generation

Career Fairs (6Yr Total)	1.090**	.393	7.676	2.974	1.376, 6.429
Propensity Score	4.012**	1.294	9.616	55.283	4.377, 698.224
Constant	Not sig.	--	--		

N=263; Pseudo R^2 = .141 (Nagelkerke); Model $\chi2_{(2)}$=26.082, p<.001

Transfers with 40-59 incoming credits - Not 1st Generation

Career Fairs (6Yr Total)	1.414***	.379	13.924	4.111	1.956, 8.637
Propensity Score	3.206**	1.192	7.235	24.688	2.387, 255.361
Constant	Not sig.	--	--		

N=296; Pseudo R^2 = .179 (Nagelkerke); Model $\chi2_{(2)}$=38.995, p<.001.

* < .05, ** < .01, *** < .001

Table F.2.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

Career Fairs & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Career Fairs (6Yr Total)	1.071***	.190	31.895	2.920	2.013, 4.235
Propensity Score	6.329***	.731	74.964	560.490	133.773, 2348.367
Constant	-3.422***	.459	55.623		
N=787; Pseudo R^2= .275 (Nagelkerke); Model $\chi2_{(2)}$=166.314, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Career Fairs (6Yr Total)	1.124***	.202	31.010	3.077	2.072, 4.571
Propensity Score	6.200***	.786	62.208	492.983	105.601, 2301.422
Constant	-3.414***	.478	50.931		
N=718; Pseudo R^2= .269 (Nagelkerke); Model $\chi2_{(2)}$=153.644, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Career Fairs (6Yr Total)	.933***	.209	19.853	2.542	1.686, 3.831
Propensity Score	4.458***	.915	23.712	86.318	14.349, 519.249
Constant	-2.454***	.560	19.231		
N=428; Pseudo R^2= .188 (Nagelkerke); Model $\chi2_{(2)}$=63.343, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Career Fairs (6Yr Total)	.573***	.168	11.625	1.773	1.276, 2.464
Propensity Score	6.786***	.992	46.837	885.189	126.777, 6180.590
Constant	-3.307***	.590	31.409		
N=587; Pseudo R^2= .200 (Nagelkerke); Model $\chi2_{(2)}$=86.770, p<.001					
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
Career Fairs (6Yr Total)	1.258***	.320	15.484	3.518	1.880, 6.582
Propensity Score	5.416***	1.132	22.903	225.079	24.488, 2068.828
Constant	-2.527***	.647	15.261		
N=426; Pseudo R^2= .203 (Nagelkerke); Model $\chi2_{(2)}$=65.420, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Career Fairs (6Yr Total)	1.148***	.198	33.495	3.152	2.136, 4.649

Propensity Score	3.894***	.729	28.533	49.112	11.767, 204.982
Constant	-1.642***	.436	14.189		
N=886; Pseudo R^2 = .153 (Nagelkerke); Model $\chi2_{(2)}$=98.901, p<.001					

* < .05, ** < .01, *** < .001

Table F.2.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Career Fairs & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Career Fairs (6Yr Total)	1.184***	.158	56.121	3.267	2.397, 4.453
Propensity Score	6.869***	.608	127.465	962.429	292.046, 3171.653
Constant	-3.786***	.373	103.169		
N=1,283; Pseudo R^2 = .300 (Nagelkerke); Model $\chi2_{(2)}$=306.023, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Career Fairs (6Yr Total)	.750***	.145	26.697	2.118	1.593, 2.815
Propensity Score	5.270***	.728	52.412	194.444	46.682, 809.910
Constant	-2.611***	.441	35.048		
N=830; Pseudo R^2 = .181 (Nagelkerke); Model $\chi2_{(2)}$=113.400, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Career Fairs (6Yr Total)	1.141***	.180	40.106	3.129	2.198, 4.454
Propensity Score	3.900***	.650	36.037	49.398	13.827, 176.479
Constant	-1.624***	.384	17.869		
N=1,120; Pseudo R^2 = .153 (Nagelkerke); Model $\chi2_{(2)}$=125.423, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.2.C. Career Center Classroom Presentations

Table F.2.C.1. Admit Status + Incoming Credits + 1st Generation Status

Career Center Classroom Presentations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Career Center Class. Present.(6Yr Total)	.166*	.065	6.458	1.181	1.039, 1.342
Propensity Score	7.474***	.485	237.166	1761.837	680.543, 4561.167
Constant	-4.967***	.364	186.675		
N=1,766; Pseudo R^2 = .234 (Nagelkerke); Model $\chi2_{(2)}$=323.939, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Career Center Class. Present.(6Yr Total)	.179***	.051	12.324	1.196	1.082, 1.322
Propensity Score	7.721***	.387	397.857	2255.077	1056.024, 4815.587
Constant	-4.949***	.294	283.291		
N=3322; Pseudo R^2 = .218 (Nagelkerke); Model $\chi2_{(2)}$=529.680, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Career Center Class. Present.(6Yr Total)	1.046***	.312	11.200	2.845	1.542, 5.249
Propensity Score	6.670***	1.099	36.831	788.250	91.447, 6794.484
Constant	-3.635***	.707	26.467		
N=314; Pseudo R^2 = .179 (Nagelkerke); Model $\chi2_{(2)}$=61.999, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Career Center Class. Present.(6Yr Total)	.501*	.224	5.005	1.650	1.064, 2.558
Propensity Score	6.813***	1.010	45.487	909.771	125.618, 6588.890
Constant	-3.476***	.642	29.275		
N=409; Pseudo R^2 = .214 (Nagelkerke); Model $\chi2_{(2)}$=64.211, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Career Center Class. Present.(6Yr Total)	1.005**	.342	8.602	2.731	1.395, 5.343
Propensity Score	4.266***	1.223	12.165	71.263	6.481, 783.528
Constant	-1.780*	.735	5.866		
N=296; Pseudo R^2 = .121 (Nagelkerke); Model $\chi2_{(2)}$=25.674, p<.001					
No significant findings were noted for the following subgroupings:					

- Transfers with 40-59 incoming credits - 1st Generation
- Transfers with 40-59 incoming credits - Not 1st Generation
- Transfers with 60+ incoming credits - 1st Generation

$* < .05, ** < .01, *** < .001$

Table F.2.C.2. Transfer Students + Incoming Credit + Transfer Institution Type

Career Center Classroom Presentations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Career Center Class. Present.(6Yr Total)	1.058***	.258	16.764	2.881	1.736, 4.780
Propensity Score	6.734***	.735	83.929	840.750	199.050, 3551.159
Constant	-3.505***	.460	58.047		
N=787; Pseudo R^2 = .239 (Nagelkerke); Model $\chi2_{(2)}$=142.739, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Career Center Class. Present.(6Yr Total)	.656***	.196	11.234	1.927	1.313, 2.828
Propensity Score	6.798***	.785	75.043	896.545	192.535, 4173.938
Constant	-3.580***	.477	56.305		
N=718; Pseudo R^2 = .205 (Nagelkerke); Model $\chi2_{(2)}$=114.154, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Career Center Class. Present.(6Yr Total)	.691**	.273	8.455	1.995	1.252, 3.177
Propensity Score	7.183***	1.004	51.168	1316.493	183.951, 9421.826
Constant	-3.477***	.599	33.666		
N=587; Pseudo R^2 = .187 (Nagelkerke); Model $\chi2_{(2)}$=80.583, p<.001					
Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					
Career Center Class. Present.(6Yr Total)	.796*	.365	4.757	2.217	1.084, 4.536
Propensity Score	6.236***	1.149	29.428	510.666	53.665, 4859.356
Constant	-2.809***	.658	18.230		
N=426; Pseudo R^2 = .140 (Nagelkerke); Model $\chi2_{(2)}$=43.885, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Career Center Class. Present.(6Yr Total)	.875***	.244	12.852	2.398	1.487, 3.869
Propensity Score	4.152***	.728	32.562	63.555	15.269, 264.534
Constant	-1.630***	.434	14.090		
N=886; Pseudo R^2 = .093 (Nagelkerke); Model $\chi2_{(2)}$=58.878, p<.001					
No significant findings were noted for the following subgroupings:					
• **Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution**					

* < .05, ** < .01, *** < .001

Table F.2.C.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

				e^B	
Career Center Classroom Presentations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Career Center Class. Present.(6Yr Total)	.832***	.166	25.126	2.298	1.660, 3.181
Propensity Score	7.431***	.608	149.324	1687.926	512.520, 5558.990
Constant	-3.932***	.372	111.892		
N=1283; Pseudo R^2 = .241 (Nagelkerke); Model $\chi2_{(2)}$=240.074, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Career Center Class. Present.(6Yr Total)	.468**	.173	7.344	1.597	1.138, 2.241
Propensity Score	5.578***	.727	58.940	264.504	63.679, 1098.672
Constant	-2.629***	.440	35.679		
N=830; Pseudo R^2 = .133 (Nagelkerke); Model $\chi2_{(2)}$=81.457, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Career Center Class. Present.(6Yr Total)	.829***	.210	15.539	2.292	1.517, 3.461
Propensity Score	4.311***	.649	44.535	76.053	21.313, 271.388
Constant	-1.721***	.384	20.086		
N=1120; Pseudo R^2 = .095 (Nagelkerke); Model $\chi2_{(2)}$=76.511, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.2.D. Career Center Workshops

Table F.2.D.1. Admit Status + Incoming Credits + 1st Generation Status

Career Center Workshops & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Career Center Workshops (6Yr Total)	.844***	.143	34.859	2.326	1.757, 3.077
Propensity Score	7.392***	.490	227.283	1623.504	620.975, 4244.557
Constant	-4.975	.369	181.680		
N=1,766; Pseudo R^2 = .261 (Nagelkerke); Model $\chi2_{(2)}$=365.264, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Career Center Workshops (6Yr Total)	.771***	.109	49.698	2.162	1.745, 2.678
Propensity Score	7.514***	.389	373.083	1832.960	855.135, 3928.901
Constant	-4.846***	.296	267.953		
N=3322; Pseudo R^2 = .241 (Nagelkerke); Model $\chi2_{(2)}$=590.403, p<.001					
Transfers with 24-39 incoming credits - 1st Generation					
Career Center Workshops (6Yr Total)	1.178*	.465	6.407	3.246	1.304, 8.079
Propensity Score	6.190***	1.071	33.393	488.079	59.790, 3984.284
Constant	-3.232***	.768	22.378		
N=314; Pseudo R^2 = .232 (Nagelkerke); Model $\chi2_{(2)}$=55.230, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Career Center Workshops (6Yr Total)	1.213*	.470	6.656	3.364	1.338, 8.453
Propensity Score	6.411***	1.013	40.056	608.798	83.594, 4433.777
Constant	-3.226***	.640	25.415		
N=409; Pseudo R^2 = .227 (Nagelkerke); Model $\chi2_{(2)}$=68.241, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Career Center Workshops (6Yr Total)	1.920**	.724	7.022	6.818	1.648, 28.199
Propensity Score	3.955**	1.226	10.410	52.198	4.723, 576.843
Constant	-1.642*	.756	4.712		
N=264; Pseudo R^2 = .154 (Nagelkerke); Model $\chi2_{(2)}$=29.369, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					

Career Center Workshops (6Yr Total)	1.944**	.725	7.194	6.986	1.688, 28.919
Propensity Score	3.712**	1.159	10.248	40.924	4.218, 397.102
Constant	-1.414*	.693	4.166		

N=296; Pseudo R^2 = .138 (Nagelkerke); Model $\chi2_{(2)}$=29.599, p<.001

No significant findings were noted for the following subgroupings:

- Transfers with 40-59 incoming credits - 1st Generation
- Transfers with 60+ incoming credits - 1st Generation

* < .05, ** < .01, *** < .001

Table F.2.D.2. Transfer Students + Incoming Credit + Transfer Institution Type

Career Center Workshops & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Career Center Workshops (6Yr Total)	1.734***	.466	13.828	5.664	2.271, 14.127
Propensity Score	6.585***	.726	82.165	724.303	174.396, 3008.180
Constant	-3.374***	.454	55.137		
N=787; Pseudo R^2 = .236 (Nagelkerke); Model χ2$_{(2)}$=140.570, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Career Center Workshops (6Yr Total)	1.071***	.317	11.392	2.919	1.567, 5.437
Propensity Score	6.465***	.776	69.369	642.342	140.292, 2941.041
Constant	-3.371***	.470	51.414		
N=718; Pseudo R^2 = .211 (Nagelkerke); Model χ2$_{(2)}$=117.776, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Career Center Workshops (6Yr Total)	.955*	.421	5.141	2.599	1.138, 5.936
Propensity Score	6.801***	.992	47.043	898.959	128.729, 6277.726
Constant	-3.203***	.588	29.622		
N=587; Pseudo R^2 = .180 (Nagelkerke); Model χ2$_{(2)}$=77.461, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Career Center Workshops (6Yr Total)	1.364**	.419	10.581	3.914	1.720, 8.906
Propensity Score	4.081***	.713	32.085	59.231	14.655, 239.395
Constant	-1.564***	.426	13.509		
N=886; Pseudo R^2 = .095 (Nagelkerke); Model χ2$_{(2)}$=59.875, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution • Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table F.2.D.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Career Center Workshops & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Career Center Workshops (6Yr Total)	1.391***	.290	22.952	4.019	2.275, 7.100
Propensity Score	7.146***	.600	141.890	1269.519	391.711, 4114.460
Constant	-3.741***	.366	104.488		
N=1283; Pseudo R^2 = .246 (Nagelkerke); Model $\chi2_{(2)}$=244.912, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Career Center Workshops (6Yr Total)	1.353***	.395	11.757	3.870	1.785, 8.386
Propensity Score	5.198***	.723	51.765	180.960	43.912, 745.722
Constant	-2.414***	.436	30.727		
N=830; Pseudo R^2 = .148 (Nagelkerke); Model $\chi2_{(2)}$=91.225, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Career Center Workshops (6Yr Total)	1.624***	.457	12.611	5.075	2.071, 12.439
Propensity Score	4.209***	.640	43.294	67.321	19.213, 235.891
Constant	-1.624***	.378	18.411		
N=1120; Pseudo R^2 = .101 (Nagelkerke); Model $\chi2_{(2)}$=81.206, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.3. University Center for Academic Excellence (UCAE) Engagements

F.3.A. UCAE Supplemental Instruction (SI) + Peer Assisted Learning (PAL)

Table F.3.A.1. Admit Status + Incoming Credits + 1st Generation Status

UCAE Supplemental Instruction & Peer Assisted Learning & 6 Year Graduation Rates: Binary Logistic Regression					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
UCAE SI & PAL (6Yr Total)	.063***	.014	20.592	1.065	1.036, 1.094
Propensity Score	7.489***	.485	238.227	17.87.421	690.625, 4626.060
Constant	-5.017***	.365	188.456		
N=1766; Pseudo R^2 = .249 (Nagelkerke); Model $\chi2_{(2)}$=345.959, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
UCAE SI & PAL (6Yr Total)	.052***	.011	22.222	1.054	1.031, 1077
Propensity Score	7.820***	.388	406.431	2490.814	1164.527, 5327.618
Constant	-5.025***	.296	287.853		
N=3322; Pseudo R^2 = .224 (Nagelkerke); Model $\chi2_{(2)}$=546.535, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
UCAE SI & PAL (6Yr Total)	.154**	.055	7.813	1.166	1.047, 1.299
Propensity Score	7.186***	1.031	48.616	1320.855	175.220, 9956.940
Constant	-3.760***	.659	32.563		
N=409; Pseudo R^2 = .238 (Nagelkerke); Model $\chi2_{(2)}$=72.140, p<.001					
No significant findings were noted for the following subgroupings:					
● Transfers with 24-39 incoming credits - 1st Generation ● Transfers with 40-59 incoming credits - 1st Generation ● Transfers with 40-59 incoming credits - Not 1st Generation ● Transfers with 60+ incoming credits - 1st Generation ● Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table F.3.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

UCAE Supplemental Instruction & Peer Assisted Learning & 6 Year Graduation Rates: Binary Logistic Regression					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
UCAE SI & PAL (6Yr Total)	.162***	.043	13.965	1.175	1.080, 1.279
Propensity Score	6.878***	.722	90.763	970.701	235.807, 3995.888
Constant	-3.612***	.455	63.124		
N=787; Pseudo R^2= .237 (Nagelkerke); Model $\chi2_{(2)}$=141.303, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
UCAE SI & PAL (6Yr Total)	.085*	.043	3.864	1.089	1.000, 1.185
Propensity Score	7.008***	.985	50.628	1105.714	160.418, 7621.389
Constant	-3.328***	.586	32.255		
N=587; Pseudo R^2= .175 (Nagelkerke); Model $\chi2_{(2)}$=75.293, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table F.3.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

UCAE Supplemental Instruction & Peer Assisted Learning & 6 Year Graduation Rates: Binary Logistic Regression					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
UCAE SI & PAL (6Yr Total)	.057**	.018	10.346	1.058	1.022, 1.096
Propensity Score	7.435***	.594	156.525	1693.964	528.527, 5429.270
Constant	-3.880***	.364	113.794		
N=1283; Pseudo R^2 = .223 (Nagelkerke); Model $\chi2_{(2)}$=220.567, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
UCAE SI & PAL (6Yr Total)	.098*	.039	6.379	1.103	1.022, 1.191
Propensity Score	5.448***	.719	57.441	232.201	56.760, 949.918
Constant	-2.550***	.434	34.509		
N=830; Pseudo R^2 = .134 (Nagelkerke); Model $\chi2_{(2)}$=82.500, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

Table F.3.B.1. Admit Status + Incoming Credits + 1st Generation Status

UCAE Individual Consultations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - FTIC Not 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits - Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table F.3.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

UCAE Individual Consultations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a Community College					
UCAE Indiv. Consultations (6Yr Total)	-.301*	.145	4.302	.740	.557, .984
Propensity Score	6.872***	.776	78.429	964.623	210.803, 4414.072
Constant	-3.474***	.469	54.790		
N=718; Pseudo R^2 = .190 (Nagelkerke); Model $\chi2_{(2)}$=105.148, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table F.3.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

UCAE Individual Consultations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
UCAE Indiv. Consultations (6Yr Total)	-.345*	.138	6.268	.708	.540, .928
Propensity Score	7.471***	.597	156.400	1755.871	544.514, 5662.085
Constant	-3.787***	.363	108.544		
N=1283; Pseudo R^2 = .217 (Nagelkerke); Model $\chi2_{(2)}$=213.602, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

Table F.3.C.1. Admit Status + Incoming Credits + 1st Generation Status

UCAE Tutoring Sessions & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
UCAE Tutoring Sessions (6Yr Total)	.184***	.044	17.056	1.201	1.101, 1.311
Propensity Score	7.506***	.485	239.929	1818.428	703.452, 4700.651
Constant	-5.025***	.365	189.698		
N=1,766; Pseudo R^2 = .245 (Nagelkerke); Model χ2$_{(2)}$=340.595, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
UCAE Tutoring Sessions (6Yr Total)	.085***	.024	12.972	1.089	1.039, 1.140
Propensity Score	7.824***	.387	408.953	2500.183	1711.230, 5337.054
Constant	-4.998***	.295	286.872		
N=3322; Pseudo R^2 = .219 (Nagelkerke); Model χ2$_{(2)}$=532.729, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table E.3.C.2. Transfer Students + Incoming Credit + Transfer Institution Type

UCAE Tutoring Sessions & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
UCAE Tutoring Sessions (6Yr Total)	.208**	.068	9.447	1.231	1.078, 1.406
Propensity Score	6.715***	.717	87.603	824.542	202.089, 3364.213
Constant	-3.474***	.450	59.475		
N=787; Pseudo R^2= .218 (Nagelkerke); Model $\chi2_{(2)}$=129.111, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
UCAE Tutoring Sessions (6Yr Total)	.166*	.084	3.867	1.180	1.001, 1.393
Propensity Score	4.510***	.894	25.419	90.886	15.745, 524.641
Constant	-2.278***	.543	17.581		
N=428; Pseudo R^2= .110 (Nagelkerke); Model $\chi2_{(2)}$=35.962, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
UCAE Tutoring Sessions (6Yr Total)	.176*	.084	4.420	1.193	1.102, 1.406
Propensity Score	4.288***	.714	36.108	72.833	17.984, 294.963
Constant	-1.658***	.427	15.087		
N=886; Pseudo R^2= .077 (Nagelkerke); Model $\chi2_{(2)}$=48.518, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a Community College • Transfers with 40-59 incoming credits -Transferred from a Community College • Transfers with 60+ incoming credits -Transferred from a 4 Year Institution					

* < .05, ** < .01, *** < .001

Table F.3.C.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

UCAE Tutoring Sessions & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
UCAE Tutoring Sessions (6Yr Total)	.129***	.043	8.897	1.138	1.045, 1.238
Propensity Score	7.413***	.596	154.446	1657.009	514.759, 5333.913
Constant	-3.867***	.365	112.361		
N=1283; Pseudo R^2 = .221 (Nagelkerke); Model χ2$_{(2)}$=218.083, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
UCAE Tutoring Sessions (6Yr Total)	.159*	.071	4.943	1.172	1.019, 1.348
Propensity Score	4.413***	.639	47.625	82.528	23.565, 289.024
Constant	-1.715***	.378	20.523		
N=1120; Pseudo R^2 = .080 (Nagelkerke); Model χ2$_{(2)}$=63.461, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

Table F.3.D.1. Admit Status + Incoming Credits + 1st Generation Status

UCAE Workshops & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - FTIC Not 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table F.3.D.2. Transfer Students + Incoming Credit + Transfer Institution Type

UCAE Workshops & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	95% CI for e^B
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
UCAE Workshops (6Yr Total)	.165*	.068	5.889	1.179	1.032, 1.347
Propensity Score	6.907***	.722	91.439	999.511	242.624, 4117.578
Constant	-3550***	.456	60.698		
N=787; Pseudo R^2 = .206 (Nagelkerke); Model $\chi2_{(2)}$=121.350, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table F.3.D.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

UCAE Workshops & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a NC Institution - Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.4. Writing Center Engagements

F.4.A. Writing Center Consultations

Table F.4.A.1. Admit Status + Incoming Credits + 1st Generation Status

Writing Center Consultations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Writing Center Consultations (6Yr Total)	.217*	.071	9.463	1.242	1.082, 1.427
Propensity Score	7.435***	.484	235.487	1693.846	655.355, 4377.953
Constant	-4.912***	.363	182.864		
N=1766; Pseudo R^2 = .239 (Nagelkerke); Model $\chi2_{(2)}$=330.948, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Writing Center Consultations (6Yr Total)	.274***	.066	17.211	1.315	1.156, 1.497
Propensity Score	7.711***	.386	398.047	2231.803	1046.380, 4760.167
Constant	-4.910***	.294	279.076		
N=3322; Pseudo R^2 = .223 (Nagelkerke); Model $\chi2_{(2)}$=542.210, p<.001					
Transfers with 24-39 incoming credits -Not 1st Generation					
Writing Center Consultations (6Yr Total)	1.452*	.584	6.172	4.271	1.359, 13.429
Propensity Score	6.674***	1.009	43.773	791.680	109.617, 5717.720
Constant	-3.395***	.641	28.043		
N=409; Pseudo R^2 = .241 (Nagelkerke); Model $\chi2_{(2)}$=72.842, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table E.4.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

Writing Center Consultations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Writing Center Consultations (6Yr Total)	.441*	.196	5.071	1.554	1.059, 2.280
Propensity Score	6.540***	.716	83.350	692.439	170.061, 2819.415
Constant	-3.286***	.446	54.199		
N=787; Pseudo R^2 = .207 (Nagelkerke); Model $\chi2_{(2)}$=122.176, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Writing Center Consultations (6Yr Total)	.998**	.314	10.108	2.713	1.466, 5.021
Propensity Score	6.563***	.770	72.626	708.708	156.639, 3206.527
Constant	-3.419***	.467	53.493		
N=718; Pseudo R^2 = .214 (Nagelkerke); Model $\chi2_{(2)}$=119.579, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Writing Center Consultations (6Yr Total)	.696*	.324	4.617	2.007	1.063, 3.788
Propensity Score	4.573***	.898	25.916	96.811	16.647, 563.004
Constant	-2.229***	.546	17.710		
N=428; Pseudo R^2 = .118 (Nagelkerke); Model $\chi2_{(2)}$=38.745, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Writing Center Consultations (6Yr Total)	2.226*	1.007	4.888	9.266	1.287, 66.685
Propensity Score	6.875***	.985	48.712	968.032	140.406, 6674.088
Constant	-3.263***	.586	30.968		
N=587; Pseudo R^2 = .202 (Nagelkerke); Model $\chi2_{(2)}$=87.896, p<.001					
Transfers with 60+ incoming credits -Transferred from a Community College					
Writing Center Consultations (6Yr Total)	1.162**	.442	6.915	3.195	1.344, 7.596
Propensity Score	4.221***	.720	34.332	68.104	16.595, 279.491
Constant	-1.631***	.430	14.394		
N=886; Pseudo R^2 = .096 (Nagelkerke); Model $\chi2_{(2)}$=61.047, p<.001					
No significant findings were noted for the following subgroupings:					
● **Transfers with 60+ incoming credits -Transferred from a 4 Year Institution**					

* < .05, ** < .01, *** < .001

Table F.4.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Writing Center Consultations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Writing Center Consultations (6Yr Total)	756***	.202	13.971	2.129	1.433, 3.164
Propensity Score	7.148***	.595	144.084	1271.265	395.701, 4084.180
Constant	-3.704***	.363	104.289		
N=1283; Pseudo R^2 = .233 (Nagelkerke); Model $\chi2_{(2)}$=230.352, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Writing Center Consultations (6Yr Total)	.882**	.306	8.298	2.415	1.325, 4.399
Propensity Score	5.401***	.717	56.730	221.698	54.368, 904.019
Constant	-2.515***	.433	33.684		
N=830; Pseudo R^2 = .142 (Nagelkerke); Model $\chi2_{(2)}$=87.333, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Writing Center Consultations (6Yr Total)	1.135**	.371	9.355	3.111	1.503, 6.437
Propensity Score	4.392***	.647	46.111	80.807	22.746, 287.080
Constant	-1.721***	.382	20.262		
N=1120; Pseudo R^2 = .100 (Nagelkerke); Model $\chi2_{(2)}$=80.524, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.4.B. Writing Center Classroom Presentations

Table F.4.B.1. Admit Status + Incoming Credits + 1st Generation Status

Writing Center Classroom Presentations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - FTIC Not 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table F.4.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

Writing Center Classroom Presentations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Writing Center Classroom Presentations (6Yr Total)	.875*	.420	4.330	2.398	1.052, 5.468
Propensity Score	6.800***	.717	990.048	898.138	220.471, 3658.767
Constant	-3.424***	.448	58.309		
N=787; Pseudo R^2 = .204 (Nagelkerke); Model $\chi2_{(2)}$=120.199, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution - Transfers with 40-59 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table F.4.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Writing Center Classroom Presentations & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Writing Center Classroom Presentations (6Yr Total)	.946**	.317	8.916	2.577	1.384, 4.796
Propensity Score	7.419***	.597	154.672	1667.976	518.071, 5370.196
Constant	-3.829***	.364	110.708		
N=1283; Pseudo R^2 = .222 (Nagelkerke); Model $\chi2_{(2)}$=218.492, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.5. Extracurricular Engagements

F.5.A. Greek Life Membership

Table F.5.A.1. Admit Status + Incoming Credits + 1st Generation Status

Greek Life Member & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Greek Life Member	-.806***	.172	22.109	.446	.319, .625
Propensity Score	7.532***	.485	241.618	1866.679	722.135, 4825.265
Constant	-4.230***	.392	116.392		
N=1,766; Pseudo R^2= .246 (Nagelkerke); Model $\chi2_{(2)}$=341.405, p<.001					
FTIC Not 1st Generation (any # incoming credits)					
Greek Life Member	-.856***	.129	43.829	.425	.330, .548
Propensity Score	7.700***	.388	393.197	2209113	1031.971, 4728.987
Constant	-4.118***	.317	168.455		
N=3322; Pseudo R^2= .232 (Nagelkerke); Model $\chi2_{(2)}$=566.033, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table F.5.A.2. Transfer Students + Incoming Credit + Transfer Institution Type

Greek Life Member & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Greek Life Member	-.951**	.322	8.729	.386	.205, .726
Propensity Score	6.612***	.716	85.254	744,051	182.829, 3028.034
Constant	-2.409***	.547	19.423		
N=787; Pseudo R^2= .211 (Nagelkerke); Model χ2$_{(2)}$=124.703, p<.001					
Transfers with 24-39 incoming credits -Transferred from a Community College					
Greek Life Member	-1.076**	.405	7.067	.341	.154, .754
Propensity Score	6.679***	.772	74.785	795.238	175.033, 3613.043
Constant	-2.375***	.612	15.066		
N=718; Pseudo R^2= .196 (Nagelkerke); Model χ2$_{(2)}$=108.615, p<.001					
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Greek Life Member	-1.377*	.631	4.766	.252	.073, .869
Propensity Score	4.465***	.901	24.563	86.926	14869, 508.189
Constant	Not sig.	.557	15.572		
N=428; Pseudo R^2= .114 (Nagelkerke); Model χ2$_{(2)}$=37.329, p<.001					
No significant findings were noted for the following subgroupings:					

- Transfers with 40-59 incoming credits -Transferred from a Community College
- Transfers with 60+ incoming credits -Transferred from a 4 Year Institution
- Transfers with 60+ incoming credits -Transferred from a Community College

* < .05, ** < .01, *** < .001

Table F.5.A.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Greek Life Member & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Greek Life Member	-1.080***	2.96	13.261	.340	.190, .607
Propensity Score	7.275***	.596	148.930	1444.197	448.928, 4645.966
Constant	-2.689***	.464	33.644		
N=1283; Pseudo R^2= .225 (Nagelkerke); Model χ2$_{(2)}$=221.996, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from a NC Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.5.B. Sports Club Membership

Table F.5.B.1. Admit Status + Incoming Credits + 1st Generation Status

Sports Club Member & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
No significant findings were noted for the following subgroupings:					
- FTIC 1st Generation (any # incoming credits) - FTIC Not 1st Generation (any # incoming credits) - Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table F.5.B.2. Transfer Students + Incoming Credit + Transfer Institution Type

Sports Club Member & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution					
Sports Club Member	1.256*	.568	4.895	3.510	1.154, 10.675
Propensity Score	4.808***	.901	28.450	122.544	20.938, 717.212
Constant	-2.426***	.550	19.437		
N=428; Pseudo R^2 = .113 (Nagelkerke); Model $\chi2_{(2)}$=37.001, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Sports Club Member	2.110*	1.047	4.060	8.244	1.059, 64.163
Propensity Score	.7171***	.990	52.520	1301.113	187.090, 9048.551
Constant	-3.390***	.589	33.087		
N=587; Pseudo R^2 = .179 (Nagelkerke); Model $\chi2_{(2)}$=77.095, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution - Transfers with 24-39 incoming credits -Transferred from a Community College - Transfers with 60+ incoming credits -Transferred from a 4 Year Institution - Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table E.5.B.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Sports Club Member & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Sports Club Member	1.274*	.551	5.343	3.576	1.214, 10.536
Propensity Score	5.632***	.721	60.951	279.150	67.891, 1147.784
Constant	-2.617***	.437	35.932		
N=830; Pseudo R^2 = .130 (Nagelkerke); Model $\chi2_{(2)}$=79.628, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits -Transferred from a NC Institution - Transfers with 24-39 incoming credits -Transferred from an Out of State Institution - Transfers with 40-59 incoming credits -Transferred from an Out of State Institution - Transfers with 60+ incoming credits -Transferred from a NC Institution - Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

F.5.C. Intramural Team Memberships

Table F.5.C.1. Admit Status + Incoming Credits + 1st Generation Status

Intramural Team Member & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
FTIC 1st Generation (any # incoming credits)					
Intramural Team Member. (6 Yr Total)	.245***	.050	23.691	1.277	1.158, 1.410
Propensity Score	7.437***	.485	235.546	1697.599	656.699, 4388.375
Constant	-4.974	.365	186.008		
N=1,766; Pseudo R^2 = .253 (Nagelkerke); Model $\chi2_{(2)}$=352.523, p<.001.					
FTIC Not 1st Generation (any # incoming credits)					
Intramural Team Member. (6 Yr Total)	.232***	.034	47.103	1.261	1.180, 1.347
Propensity Score	7.678***	.389	390.435	2160.531	1008.791, 4627.220
Constant	-4.982***	.297	282.108		
N=3322; Pseudo R^2 = .238 (Nagelkerke); Model $\chi2_{(2)}$=584.017, p<.001					
Transfers with 40-59 incoming credits - Not 1st Generation					
Intramural Team Member. (6 Yr Total)	.737*	.355	4.326	2.091	1.043, 4.189
Propensity Score	4.492***	1.201	13.977	89.261	8.473, 940.373
Constant	-1.934*	.747	6.704		
N=264; Pseudo R^2 = .133 (Nagelkerke); Model $\chi2_{(2)}$=25.196, p<.001					
No significant findings were noted for the following subgroupings:					
- Transfers with 24-39 incoming credits - 1st Generation - Transfers with 24-39 incoming credits -Not 1st Generation - Transfers with 40-59 incoming credits - 1st Generation - Transfers with 60+ incoming credits - 1st Generation - Transfers with 40-59 incoming credits - Not 1st Generation					

* < .05, ** < .01, *** < .001

Table F.5.C.2. Transfer Students + Incoming Credit + Transfer Institution Type

Intramural Team Member & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a 4 Year Institution					
Intramural Team Member. (6 Yr Total)	.204*	.102	4.033	1.226	1.005, 1.496
Propensity Score	6.690***	.714	87.818	804.553	198.546, 3260.227
Constant	-3.373***	.446	57.282		
N=787; Pseudo R^2= .203 (Nagelkerke); Model $\chi2_{(2)}$=119.480, p<.001					
Transfers with 40-59 incoming credits -Transferred from a Community College					
Intramural Team Member. (6 Yr Total)	.454*	.210	4.672	1.574	1.043, 2.375
Propensity Score	7.046***	.986	51.038	1147.808	166.112, 7931.159
Constant	-3.346***	.588	32.431		
N=587; Pseudo R^2= .181 (Nagelkerke); Model $\chi2_{(2)}$=77.847, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from a Community College • Transfers with 40-59 incoming credits -Transferred from a 4 Year Institution • Transfers with 60+ incoming credits -Transferred from a 4 Year Institution • Transfers with 60+ incoming credits -Transferred from a Community College					

* < .05, ** < .01, *** < .001

Table F.5.C.3. Transfer Students + Incoming Credits + In State or Out of State Transfer Institution

Intramural Team Member & 6 Year Graduation Rates: Binary Logistic Regression Analysis					
Variable	B	SE	Wald	e^B (odds ratio)	*95% CI for e^B*
Transfers with 24-39 incoming credits -Transferred from a NC Institution					
Intramural Team Member. (6 Yr Total)	.218**	.079	7.713	1.244	1.066, 1.451
Propensity Score	7.301***	.594	151.300	1481.729	462.950, 4742.458
Constant	-3.773***	.362	108.920		
N=1283; Pseudo R^2 = .219 (Nagelkerke); Model χ2$_{(2)}$=215.254, p<.001					
Transfers with 40-59 incoming credits -Transferred from a NC Institution					
Intramural Team Member. (6 Yr Total)	.320*	.140	5.213	1.376	1.046, 1.811
Propensity Score	5.470***	.717	58.218	237.426	58.253, 967.697
Constant	-2.539***	.433	34.327		
N=830; Pseudo R^2 = .131 (Nagelkerke); Model χ2$_{(2)}$=80.072, p<.001					
Transfers with 60+ incoming credits -Transferred from a NC Institution					
Intramural Team Member. (6 Yr Total)	.349*	.166	4.407	1.418	1.023, 1.965
Propensity Score	4.500***	.642	49.099	90.007	25.565, 316.890
Constant	-1.742***	.380	21.026		
N=1120; Pseudo R^2 = .077 (Nagelkerke); Model χ2$_{(2)}$=61.457, p<.001					
No significant findings were noted for the following subgroupings:					
• Transfers with 24-39 incoming credits -Transferred from an Out of State Institution • Transfers with 40-59 incoming credits -Transferred from an Out of State Institution • Transfers with 60+ incoming credits -Transferred from an Out of State Institution					

* < .05, ** < .01, *** < .001

Appendix G. RQ3: Delineated Engagement Pathways for Success

G.1. Retention to 2nd Year

The tables below outline pathways for 1st year co-curricular and extracurricular engagement activities that significantly increase the odds that students in each population subgroup will be retained for a second year of study..

To interpret the findings in each table, read …

> For each [*engagement activity*] a student in a [*specific population subgroup*] participated in during their first year of study, the odds they would be retained for a second year increased [*x times*].

> Example: For each *library instruction session* a *Transfer Student with 60+ incoming credits who was 1st generation*, participated in during their first year of study, the odds they would be retained for a second year increased **1.562 times**.

Table G.1.A. Admission Status & Incoming Credits Subgrouping and 1st Generation Status Subgrouping

	Study Subgroups							
	FTIC Freshmen Any # credits		Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
Study Partner & Engagement Activity	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen
Library								
Instruction	--	--	--	--	--	--	1.562	1.332
Laptop Checkouts + Desktop Logins	1.011	1.005	1.022	--	--	--	--	1.012
Authentications	1.100	1.062	1.155	1.176	1.048	1.15	--	1.062
Book Checkouts	--	--	--	--	1.246	--	1.164	1.119
Study Room Reservations	1.052	1.044	--	1.067	1.093	1.212	1.067	--
Career Center								
Advising	1.518	1.457	--	--	--	--	--	1.633
Career Fair	1.38	1.266	--	1.599	--	2.306	--	3.307

	Study Subgroups							
	FTIC Freshmen Any # credits		Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
Study Partner & Engagement Activity	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen
Classroom Presentation	--	--	--	--	--	--	1.735	--
Workshop	1.806	--	--	3.204	--	--	--	--
University Center for Academic Excellence								
Supplemental Instruction	1.098	1.071	1.098	1.135	1.123	1.121	1.213	1.173
Individual Consultations	--	--	0.299	--	--	--	--	--
Tutoring	1.136	1.089	--	1.133	--	--	--	1.332
Workshops	--	--	--	--	--	--	1.562	1.332
Writing Center								
Consultations	1.427	--	--	--	--	--	--	--
Classroom Presentations	--	--	--	--	--	--	--	--
Extracurricular Memberships								
Greek Life	1.559	2.233	--	2.927	--	--	--	--
Sports Club	1.592	--	--	--	--	--	--	--
Intramural Team	--	1.278	1.575	--	--	--	--	1.833

Table G.1.B. Transfer Students, Incoming Credits, & Type of Transfer Institution Type Subgrouping

Study Partner & Engagement Activity	Study Subgroups					
	Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
	2-year (Comm. College)	4+ year (Bach. Univ.)	2-year (Comm. College)	4+ year (Bach. Univ.)	2-year (Comm. College)	4+ year (Bach. Univ.)
Library						
Instruction	--	--	--	--	1.676	1.392
Laptop Checkouts + Desktop Logins	1.015	--	--	--	--	--
Authentications	1.181	1.131	1.089	1.077	1.057	1.037
Book Checkouts	--	--	--	--	1.150	--
Study Room Reservations	1.118	--	1.124	--	1.095	--
Career Center						
Advising	--	1.543	--	--	1.627	--
Career Fair	2.215	--	1.508	--	1.601	2.475
Classroom Presentation	--	--	--	--	--	2.371
Workshop	2.380	--	--	--	--	--
University Center for Academic Excellence						
Supplemental Instruction	1.114	1.095	1.187	--	1.198	--
Individual Consultations	--	--	--	--	--	--
Tutoring	1.231	--	--	--	1.223	1.437
Workshops	--	--	--	--	--	--
Writing Center						
Consultations	--	--	--	--	--	--

Study Partner & Engagement Activity		Study Subgroups					
		Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
		2-year (Comm. College)	4+ year (Bach. Univ.)	2-year (Comm. College)	4+ year (Bach. Univ.)	2-year (Comm. College)	4+ year (Bach. Univ.)
	Classroom Presentations	--	--	--	--	--	--
Extracurricular Memberships							
	Greek Life	2.466	2.736	--	--	--	--
	Sports Club	--	--	--	--	--	--
	Intramural Team	--	--	--	--	--	--

Table G.1.C. Transfer Students, Incoming Credits, & In-State or Out-of-State Transfer Institution Subgrouping

Study Partner & Engagement Activity	Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
	In-State	Out-of-State	In-State	Out-of-State	In-State	Out-of-State
Library						
Instruction	--	--	--	--	1.521	--
Laptop Checkouts + Desktop Logins	1.012	--	--	--	--	--
Authentications	1.167	--	1.084	--	1.018	--
Book Checkouts	--	--	--	--	1.129	--
Study Room Reservations	1.066	--	1.185	--	1.062	--
Career Center						
Advising	1.261	--	1.363	--	1.495	--
Career Fair	2.115	--	1.452	--	1.915	--
Classroom Presentation	--	--	--	--	--	--
Workshop	2.542	--	--	--	--	--
University Center for Academic Excellence						
Supplemental Instruction	1.097	--	1.206	--	1.119	--
Individual Consultations	--	--	--	--	--	--
Tutoring	1.137	--	--	--	1.274	--
Workshops	--	--	--	--	--	--
Writing Center						
Consultations	--	--	2.997	--	1.423	--
Classroom	--	--	--	--	--	--

| | Study Subgroups | | | | | |
| **Study Partner & Engagement Activity** | Transfers (24-39 credits) | | Transfers (40-59 credits) | | Transfers (60+ credits) | |
	In-State	**Out-of-State**	**In-State**	**Out-of-State**	**In-State**	**Out-of-State**
Presentations						
Extracurricular Memberships						
Greek Life	2.739	--	--	--	--	--
Sports Club	--	--	--	--	--	--
Intramural Team	1.318	--	1.425	--	--	--

G.2. 4-Year Cumulative GPA

Table G.2.A. Admission Status & Incoming Credits Subgrouping and 1st Generation Status Subgrouping

Study Partner & Engagement Activity	Study Subgroups							
	FTIC Freshmen Any # credits		Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen
Library								
Instruction	1.067	1.078	1.231	1.261	1.467	--	--	1.304
Laptop Checkouts + Desktop Logins	1.009	1.006	--	1.006	--	--	--	1.021
Authentications	1.023	1.002	1.031	1.039	1.051	1.022	1.061	1.069
Book Checkouts	1.038	1.039	--	--	--	--	--	1.145
Study Room Reservations	1.033	1.018	--	1.028	--	1.039	1.048	--
Career Center								
Advising	1.775	1.542	--	1.437	--	1.297	1.726	--
Career Fair	2.095	1.912	2.09	1.977	--	1.692	2.161	2.05
Classroom Presentation	1.282	1.086	--	--	--	--	--	--
Workshop	2.065	2.352	1.72	2.454	--	2.313	2.466	2.871
University Center for Academic Excellence								
Supplemental Instruction	1.119	1.094	--	1.093	--	--	--	--
Individual Consultations	0.728	0.555	0.366	0.002	--	--	0.207	0.106
Tutoring	1.179	1.07	--	1.086	--	--	1.28	--
Workshops	--	1.066	--	--	--	--	--	--
Writing Center								
Consultations	1.722	1.609	--	--	3.598	--	--	--

		Study Subgroups							
		FTIC Freshmen Any # credits		Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
Study Partner & Engagement Activity		**1st Gen**	**Not 1st Gen**	**1st Gen**	**Not 1st Gen**	**1st Gen**	**Not 1st Gen**	**1st Gen**	**Not 1st Gen**
	Classroom Presentations	--	0.814	--	--	--	0.46	--	--
Extracurricular Memberships									
	Greek Life	1.634	1.323	--	1.983	--	2.307	--	--
	Sports Club	--	1.288	--	--	--	--	--	--
	Intramural Team	--	1.079	--	--	0.771	--	--	--

Table G.2.B. Transfer Students, Incoming Credits, & Type of Transfer Institution Type Subgrouping

Study Partner & Engagement Activity	Study Subgroups					
	Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
	2-year (Comm. College)	4+ year (Bach. Univ.)	2-year (Comm. College)	4+ year (Bach. Univ.)	2-year (Comm. College)	4+ year (Bach. Univ.)
Library						
Instruction	1.234	1.216	1.382	--	1.202	1.349
Laptop Checkouts + Desktop Logins	1.005	--	--	--	1.005	--
Authentications	--	--	--	--	--	--
Book Checkouts	1.033	--	--	--	1.05	--
Study Room Reservations	1.016	1.013	1.016	1.035	--	--
Career Center						
Advising	1.294	1.233	1.172	1.351	--	1.392
Career Fair	1.848	1.933	1.351	1.758	1.581	1.492
Classroom Presentation	--	--	--	--	--	--
Workshop	1.837	2.291	--	--	1.998	2.565
University Center for Academic Excellence						
Supplemental Instruction	--	1.103	--	--	--	--
Individual Consultations	0.27	0.27	--	--	0.296	0.147
Tutoring	--	--	--	--	1.085	--
Workshops	--	--	--	--	--	--
Writing Center						
Consultations	1.678	--	1.832	--	1.304	--

Study Partner & Engagement Activity		Study Subgroups					
		Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
		2-year (Comm. College)	4+ year (Bach. Univ.)	2-year (Comm. College)	4+ year (Bach. Univ.)	2-year (Comm. College)	4+ year (Bach. Univ.)
	Classroom Presentations	--	--	--	--	--	--
Extracurricular Memberships							
	Greek Life	1.700	2.613	2.596	--	--	--
	Sports Club	--	--	--	--	--	--
	Intramural Team	1.129	--	--	--	--	--

Table G.2.C. Transfer Students, Incoming Credits, & In-State or Out-of-State Transfer Institution Subgrouping

	Study Subgroups					
	Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
Study Partner & Engagement Activity	**In-State**	**Out-of-State**	**In-State**	**Out-of-State**	**In-State**	**Out-of-State**
Library						
Instruction	1.232	--	1.131	--	1.255	--
Laptop Checkouts + Desktop Logins	1.002	--	--	--	1.005	--
Authentications	--	--	--	--	--	--
Book Checkouts	1.02	--	--	--	1.046	--
Study Room Reservations	1.018	--	1.02	--	1.017	--
Career Center						
Advising	1.249	--	1.243	--	1.134	--
Career Fair	1.959	--	1.611	--	1.551	--
Classroom Presentation	--	--	--	--	--	--
Workshop	2.057	--	--	--	2.282	--
University Center for Academic Excellence						
Supplemental Instruction	1.05	--	--	--	--	--
Individual Consultations	0.285	--	0.358	--	0.253	--
Tutoring	--	--	--	--	1.091	--
Workshops	--	--	--	--	--	--
Writing Center						
Consultations	--	--	1.576	--	1.393	--

| | Study Subgroups | | | | | |
| Study Partner & Engagement Activity | Transfers (24-39 credits) | | Transfers (40-59 credits) | | Transfers (60+ credits) | |
	In-State	Out-of-State	In-State	Out-of-State	In-State	Out-of-State
Classroom Presentations	--	--	0.586	--	--	--
Extracurricular Memberships						
Greek Life	2.106	--	2.303	--	--	--
Sports Club	--	--	--	--	--	--
Intramural Team	--	--	--	--	--	--

G.3. 6-Year Graduation

Table G.3.A. Admission Status & Incoming Credits Subgrouping and 1st Generation Status Subgrouping

Study Partner & Engagement Activity	FTIC Freshmen Any # credits		Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen
Library								
Instruction	1.294	1.197	1.741	2.429	2.500	--	1.887	1.706
Laptop Checkouts + Desktop Logins	1.012	1.011	1.020	--	--	1.012	1.024	--
Authentications	1.137	1.182	1.132	1.227	1.160	1.137	1.088	--
Book Checkouts	1.017	1.038	1.099	1.128	1.243	--	--	--
Study Room Reservations	1.028	1.050	1.063	1.025	1.088	1.077	--	--
Career Center								
Advising	1.680	1.785	2.788	1.926	2.958	2.430	7.106	2.463
Career Fair	3.358	2.376	3.249	3.082	3.125	4.379	2.974	4.111
Classroom Presentation	1.181	1.196	2.845	1.650	--	--	--	2.731
Workshop	2.326	2.162	3.246	3.364	--	6.818	--	6.986
University Center for Academic Excellence								
Supplemental Instruction	1.065	1.054	--	1.166	--	--	--	--
Individual Consultations	--	--	--	--	--	--	--	--
Tutoring	1.201	1.089	--	--	--	--	--	--
Workshops	--	--	--	--	--	--	--	--
Writing Center								
Consultations	1.242	1.315	--	4.271	--	--	--	--

Study Partner & Engagement Activity	Study Subgroups							
	FTIC Freshmen Any # credits		Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen	1st Gen	Not 1st Gen
Classroom Presentations	--	--	--	--	--	--	--	--
Extracurricular Memberships								
Greek Life	0.446	0.425	--	--	--	--	--	--
Sports Club	--	--	--	--	--	--	--	--
Intramural Team	1.277	1.261	--	--	--	2.091	--	--

Table G.3.B. Transfer Students, Incoming Credits, & Type of Transfer Institution Type Subgrouping

		Study Subgroups					
		Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
Study Partner & Engagement Activity		**2-year (Comm. College)**	**4+ year (Bach. Univ.)**	**2-year (Comm. College)**	**4+ year (Bach. Univ.)**	**2-year (Comm. College)**	**4+ year (Bach. Univ.)**
Library							
	Instruction	1.876	1.861	1.538	1.861	2.259	1.676
	Laptop Checkouts + Desktop Logins	1.012	1.012	1.013	1.010	--	1.010
	Authentications	1.118	1.139	1.131	1.178	--	1.096
	Book Checkouts	1.174	1.090	1.092	1.074	--	1.087
	Study Room Reservations	1.039	1.042	1.045	1.064	--	1.021
Career Center							
	Advising	1.975	1.877	2.115	1.570	2.063	1.999
	Career Fair	2.920	3.077	2.542	1.773	3.518	3.152
	Classroom Presentation	2.881	1.927	--	1.995	2.217	2.398
	Workshop	5.664	2.919	--	2.599	--	3.914
University Center for Academic Excellence							
	Supplemental Instruction	1.175	--	--	1.089	--	--
	Individual Consultations	--	0.740	--	--	--	--
	Tutoring	1.231	--	1.180	--	--	1.193
	Workshops	--	--	--	--	--	--
Writing Center							
	Consultations	1.554	2.713	2.007	9.266	--	3.195

Study Partner & Engagement Activity	Study Subgroups					
	Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
	2-year (Comm. College)	4+ year (Bach. Univ.)	2-year (Comm. College)	4+ year (Bach. Univ.)	2-year (Comm. College)	4+ year (Bach. Univ.)
Classroom Presentations	2.398	--	--	--	--	--
Extracurricular Memberships						
Greek Life	0.386	0.341	0.252	--	--	0.386
Sports Club	--	--	3.510	8.244	--	--
Intramural Team	1.226	--	--	1.574	--	1.226

Table G.3.C. Transfer Students, Incoming Credits, & In-State or Out-of-State Transfer Institution Subgrouping

	Study Subgroups					
	Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
Study Partner & Engagement Activity	**In-State**	**Out-of-State**	**In-State**	**Out-of-State**	**In-State**	**Out-of-State**
Library						
Instruction	1.883	--	1.59	--	1.807	--
Laptop Checkouts + Desktop Logins	1.014	--	1.01	--	1.009	--
Authentications	1.146	--	1.15	--	1.042	--
Book Checkouts	1.128	--	1.09	--	1.046	--
Study Room Reservations	1.037	--	1.05	--	1.024	--
Career Center						
Advising	2.073	2.521	1.75	--	1.955	--
Career Fair	3.267	--	2.12	--	3.129	
Classroom Presentation	2.298	--	1.60	--	2.292	--
Workshop	4.019	--	3.87	--	5.075	--
University Center for Academic Excellence						
Supplemental Instruction	1.058	--	1.10	--	--	--
Individual Consultations	0.708	--	--	--	--	--
Tutoring	1.138	--	--	--	1.172	--
Workshops	--	--	--	--	--	--
Writing Center						
Consultations	2.129	--	2.42	--	3.111	--

Study Partner & Engagement Activity	Study Subgroups					
	Transfers (24-39 credits)		Transfers (40-59 credits)		Transfers (60+ credits)	
	In-State	Out-of-State	In-State	Out-of-State	In-State	Out-of-State
Classroom Presentations	2.577	--	--	--	--	--
Extracurricular Memberships						
Greek Life	0.340	--	--	--	--	--
Sports Club	--	--	3.58	--	--	--
Intramural Team	1.244	--	1.38	--	1.418	--