

Summary

Who may influence your decision to switch major? Statement	Overall Mean	Gender			Year			Faculty		Student			
		F Female	M Male	Sig.†	L Lower	U Upper	Sig.†	L < 25%	G ≥ 25%	Sig.†	L < 25%	G ≥ 25%	Sig.†
(a) Self	4.73	F	4.82		L	4.71		L	4.71		L	4.69	
		M	4.69		U	4.76		G	2.63		G	4.79	
(b) Family	2.85	F	3.08		L	2.97		L	2.99		L	2.76	
		M	2.74		U	2.75		G	2.63		G	2.97	
(c) Friends	2.62	F	2.65		L	2.64		L	2.65		L	2.65	
		M	2.61		U	2.60		G	2.58		G	2.58	
(d) Significant Other	2.13	F	2.28	*	L	2.10		L	2.16		L	2.01	
		M	2.06		U	2.15		G	2.07		G	2.30	
(e) Colleague (internship/co-op)	2.53	F	2.65		L	2.66		L	2.67		L	2.44	
		M	2.48		U	2.44		G	2.34		G	2.66	
(f) Academic Advisor	2.55	F	2.69		L	2.88	*	L	2.58		L	2.56	
		M	2.50		U	2.30		G	2.52		G	2.55	
(g) Faculty	2.64	F	2.78		L	2.77		L	2.76		L	2.60	
		M	2.58		U	2.54		G	2.47		G	2.71	
(h) Career Services	2.23	F	2.41		L	2.57	*	L	2.34	**	L	2.22	
		M	2.14		U	1.96		G	2.05		G	2.24	
(i) Counseling Services	2.04	F	2.26		L	2.32	*	L	2.03		L	2.04	
		M	1.95		U	1.83		G	2.06		G	2.05	
(j) University Organization	1.94	F	2.00		L	2.19		L	2.02		L	1.92	
		M	1.92		U	1.76		G	1.83		G	1.97	
(k) Professional Organization	2.06	F	2.23		L	2.22		L	2.09		L	2.02	*
		M	1.98		U	1.93		G	2.02		G	2.10	

†Significance – p-value of χ^2 test of independence, * < 0.05, ** < 0.01, *** < 0.001

Qa

Question: Who may influence your decision to switch major?

(a) Self

Likert Scale Data, % (n)

Factor	No Influence			Some Influence		High Influence		Mean		p-value†
	1	2-3	4-5	Factor Total						
Female	0.0 (0)	2.0 (1)	98.0 (50)	4.82	4.73	0.200				
Male	0.0 (0)	6.8 (8)	93.2 (110)	4.69						
Year1-2	0.0 (0)	5.3 (4)	94.7 (71)	4.71	4.73	0.997				
Year3-6	0.0 (0)	5.3 (5)	94.7 (89)	4.76						
<25% Fac.	0.0 (0)	5.0 (5)	95.0 (96)	4.71	4.73	0.791				
≥25% Fac.	0.0 (0)	5.9 (4)	94.1 (64)	4.76						
<25% Stu.	0.0 (0)	7.2 (7)	92.8 (90)	4.69	4.73	0.204				
≥25% Stu.	0.0 (0)	2.8 (2)	97.2 (70)	4.79						

Qb

Question: Who may influence your decision to switch major?

(b) Family

Likert Scale Data, % (n)

Factor	No Influence			Some Influence		High Influence		Mean		p-value†
	1	2-3	4-5	Factor Total						
Female	17.6 (9)	41.2 (21)	41.2 (21)	3.08	2.85			0.454		
Male	23.9 (27)	44.2 (50)	31.9 (36)	2.74						
Year1-2	17.8 (13)	43.8 (32)	38.4 (28)	2.97	2.85			0.466		
Year3-6	25.3 (23)	42.9 (39)	31.9 (29)	2.75						
<25% Fac.	18.0 (18)	44.0 (44)	38.0 (38)	2.99	2.85			0.269		
≥25% Fac.	28.1 (18)	42.2 (27)	29.7 (19)	2.63						
<25% Stu.	24.2 (23)	41.1 (39)	34.7 (33)	2.76	2.85			0.675		
≥25% Stu.	18.8 (13)	46.4 (32)	34.8 (24)	2.97						

Qc

Question: Who may influence your decision to switch major?

(c) Friends

Likert Scale Data, % (n)

Factor	No Influence			Some Influence		High Influence		Mean	
	1	2-3	4-5	Factor Total	<i>p</i> -value†				
Female	25.5 (13)	43.1 (22)	31.4 (16)	2.65	2.62	0.206			
Male	19.6 (22)	58.0 (65)	22.3 (25)	2.61					
Year1-2	18.1 (13)	56.9 (41)	25.0 (18)	2.64	2.62	0.603			
Year3-6	24.2 (22)	50.5 (46)	25.3 (23)	2.60					
<25% Fac.	22.2 (22)	50.5 (50)	27.3 (27)	2.65	2.62	0.636			
≥25% Fac.	20.3 (13)	57.8 (37)	21.9 (14)	2.58					
<25% Stu.	19.1 (18)	54.3 (51)	26.6 (25)	2.65	2.62	0.679			
≥25% Stu.	24.6 (17)	52.2 (36)	23.2 (16)	2.58					

Qd

Question: Who may influence your decision to switch major?

(d) Significant Other

Likert Scale Data, % (n)

Factor	No Influence			Some Influence		High Influence		Mean		
	1			2-3		4-5		Factor Total	p-value†	
Female	41.3	(19)		28.3	(13)	30.4	(14)	2.28	2.13	0.045
Male	45.1	(46)		41.2	(42)	13.7	(14)	2.06		
Year1-2	45.2	(28)		35.5	(22)	19.4	(12)	2.10	2.13	0.937
Year3-6	43.0	(37)		38.4	(33)	18.6	(16)	2.15		
<25% Fac.	42.9	(39)		37.4	(34)	19.8	(18)	2.16	2.13	0.925
≥25% Fac.	45.6	(26)		36.8	(21)	17.5	(10)	2.07		
<25% Stu.	43.7	(38)		42.5	(37)	13.8	(12)	2.01	2.13	0.102
≥25% Stu.	44.3	(27)		29.5	(18)	26.2	(16)	2.30		

Qe

Question: Who may influence your decision to switch major?

(e) Colleague (internship/co-op)

Likert Scale Data, % (n)

Factor	No Influence			Some Influence		High Influence		Mean	
	1	2-3	4-5	Factor Total	<i>p</i> -value†				
Female	32.7 (16)	28.6 (14)	38.8 (19)	2.65	2.53	0.297			
Male	31.8 (35)	40.0 (44)	28.2 (31)	2.48					
Year1-2	27.1 (19)	38.6 (27)	34.3 (24)	2.66	2.53	0.492			
Year3-6	36.0 (32)	34.8 (31)	29.2 (26)	2.44					
<25% Fac.	26.6 (25)	39.4 (37)	34.0 (32)	2.67	2.53	0.205			
≥25% Fac.	40.0 (26)	32.3 (21)	27.7 (18)	2.34					
<25% Stu.	36.3 (33)	34.1 (31)	29.7 (27)	2.44	2.53	0.424			
≥25% Stu.	26.5 (18)	39.7 (27)	33.8 (23)	2.66					

Qf

Question: Who may influence your decision to switch major?

(f) Academic Advisor

Likert Scale Data, % (n)

Factor	No Influence			Some Influence		High Influence		Mean	
	1	2-3	4-5	Factor Total	<i>p</i> -value†				
Female	29.4 (15)	37.3 (19)	33.3 (17)	2.69	2.55	0.596			
Male	33.6 (38)	40.7 (46)	25.7 (29)	2.50					
Year1-2	22.2 (16)	43.1 (31)	34.7 (25)	2.88	2.55	0.039			
Year3-6	40.2 (37)	37.0 (34)	22.8 (21)	2.30					
<25% Fac.	31.3 (31)	39.4 (39)	29.3 (29)	2.58	2.55	0.896			
≥25% Fac.	33.8 (22)	40.0 (26)	26.2 (17)	2.52					
<25% Stu.	33.7 (32)	36.8 (35)	29.5 (28)	2.56	2.55	0.691			
≥25% Stu.	30.4 (21)	43.5 (30)	26.1 (18)	2.55					

Qg

Question: Who may influence your decision to switch major?

(g) Faculty

Likert Scale Data, % (n)

Factor	No Influence			Some Influence			High Influence			Mean	
	1	2-3	4-5	Factor Total	<i>p</i> -value†						
Female	24.0 (12)	46.0 (23)	30.0 (15)	2.78	2.64	0.707					
Male	30.1 (34)	40.7 (46)	29.2 (33)	2.58							
Year1-2	23.9 (17)	43.7 (31)	32.4 (23)	2.77	2.64	0.538					
Year3-6	31.5 (29)	41.3 (38)	27.2 (25)	2.54							
<25% Fac.	24.2 (24)	41.4 (41)	34.3 (34)	2.76	2.64	0.172					
≥25% Fac.	34.4 (22)	43.8 (28)	21.9 (14)	2.47							
<25% Stu.	31.6 (30)	40.0 (38)	28.4 (27)	2.60	2.64	0.526					
≥25% Stu.	23.5 (16)	45.6 (31)	30.9 (21)	2.71							

Qh

Question: Who may influence your decision to switch major?

(h) Career Services

Likert Scale Data, % (n)

Factor	No Influence			Some Influence		High Influence		Mean	
	1	2-3	4-5	Factor Total	<i>p</i> -value†				
Female	34.7 (17)	46.9 (23)	18.4 (9)	2.41	2.23	0.489			
Male	44.1 (49)	37.8 (42)	18.0 (20)	2.14					
Year1-2	30.0 (21)	44.3 (31)	25.7 (18)	2.57	2.23	0.017			
Year3-6	50.0 (45)	37.8 (34)	12.2 (11)	1.96					
<25% Fac.	41.7 (40)	33.3 (32)	25.0 (24)	2.34	2.23	0.009			
≥25% Fac.	40.6 (26)	51.6 (33)	7.8 (5)	2.05					
<25% Stu.	44.1 (41)	35.5 (33)	20.4 (19)	2.22	2.23	0.282			
≥25% Stu.	37.3 (25)	47.8 (32)	14.9 (10)	2.24					

Qi

Question: Who may influence your decision to switch major?

(i) Counseling Services

Likert Scale Data, % (n)

Factor	No Influence			Some Influence		High Influence		Mean		p-value†
	1	2-3	4-5	Factor Total						
Female	40.4 (19)	44.7 (21)	14.9 (7)	2.26	2.04				0.621	
Male	48.6 (54)	39.6 (44)	11.7 (13)	1.95						
Year1-2	35.3 (24)	47.1 (32)	17.6 (12)	2.32	2.04				0.040	
Year3-6	54.4 (49)	36.7 (33)	8.9 (8)	1.83						
<25% Fac.	48.4 (46)	37.9 (36)	13.7 (13)	2.03	2.04				0.588	
≥25% Fac.	42.9 (27)	46.0 (29)	11.1 (7)	2.06						
<25% Stu.	47.3 (44)	37.6 (35)	15.1 (14)	2.04	2.04				0.415	
≥25% Stu.	44.6 (29)	46.2 (30)	9.2 (6)	2.05						

Qj

Question: Who may influence your decision to switch major?

(j) University Organization

Likert Scale Data, % (n)

Factor	No Influence			Some Influence		High Influence		Mean	
	1	2-3	4-5	Factor Total	<i>p</i> -value†				
Female	42.9 (21)	49.0 (24)	8.2 (4)	2.00	1.94	0.652			
Male	47.7 (53)	41.4 (46)	10.8 (12)	1.92					
Year1-2	37.1 (26)	48.6 (34)	14.3 (10)	2.19	1.94	0.075			
Year3-6	53.3 (48)	40.0 (36)	6.7 (6)	1.76					
<25% MF	43.8 (42)	43.8 (42)	12.5 (12)	2.02	1.94	0.402			
≥25% MF	50.0 (32)	43.8 (28)	6.3 (4)	1.83					
<25% MS	48.4 (45)	38.7 (36)	12.9 (12)	1.92	1.94	0.184			
≥25% MS	43.3 (29)	50.7 (34)	6.0 (4)	1.97					

Qk

Question: Who may influence your decision to switch major?

(k) Professional Organization

Likert Scale Data, % (n)

Factor	No Influence			Some Influence		High Influence		Mean		p-value†
	1	2-3	4-5	Factor Total						
Female	39.6 (19)	43.8 (21)	16.7 (8)	2.23	2.06				0.552	
Male	48.1 (52)	39.8 (43)	12.0 (13)	1.98						
Year1-2	40.3 (27)	40.3 (27)	19.4 (13)	2.22	2.06				0.150	
Year3-6	49.4 (44)	41.6 (37)	9.0 (8)	1.93						
<25% MF	45.7 (42)	39.1 (36)	15.2 (14)	2.09	2.06				0.701	
≥25% MF	45.3 (29)	43.8 (28)	10.9 (7)	2.02						
<25% MS	49.4 (44)	32.6 (29)	18.0 (16)	2.02	2.06				0.024	
≥25% MS	40.3 (27)	52.2 (35)	7.5 (5)	2.10						