Summary

What factors may influence your decision to switch majors? Statement	Overall Mean	Gender F Female / M Male	Sig.†	Year L Lower / U Upper	Sig.†	Faculty L <25% / G ≥25%	Sig.†	Student L <25% / G ≥25%	Sig.†
(a) Did not understand what current Major was until I took some courses	2.57	F 2.65 / M 2.54		L 2.85 / U 2.35	*	L 2.53 / G 2.48		L 2.38 / G 2.83	
(b) Current major was too difficult	2.46	F 2.55 / M 2.42		L 2.57 / U 2.37		L 2.45 / G 2.48		L 2.48 / G 2.43	
(c) GPA in current major was low	2.19	F 2.31 / M 2.13		L 2.21 / U 2.17		L 2.21 / G 2.15		L 2.18 / G 2.20	
(d) Current major had higher fees/costs	1.88	F 1.92 / M 1.85		L 1.91 / U 1.85		L 1.92 / G 1.81		L 1.88 / G 1.88	
(e) Current major lacked diversity	1.72	F 1.73 / M 1.72	*	L 1.61 / U 1.81		L 1.78 / G 1.63		L 1.79 / G 1.63	
(f) Current major lacked a supportive environment	2.14	F 2.04 / M 2.18		L 2.08 / U 2.18		L 2.19 / G 2.06		L 2.11 / G 2.17	
(g) Other majors have better opportunities to make a difference in the world	2.31	F 2.25 / M 2.33		L 2.29 / U 2.32		L 2.36 / G 2.23		L 2.21 / G 2.44	
(h) I am interested in different career path	3.29	F 3.50 / M 3.21		L 3.46 / U 3.16		L 3.43 / G 3.09		L 3.15 / G 3.49	
(i) Other majors have better income potential	1.86	F 1.72 / M 1.91		L 1.93 / U 1.80		L 2.08 / G 1.52	**	L 1.93 / G 1.76	
(j) Other majors have better job prospects	2.29	F 2.27 / M 2.30		L 2.42 / U 2.19		L 2.58 / G 1.85	**	L 2.23 / G 2.38	

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

Question: What factors may influence your decision to switch majors?

(a) Did not understand what current major was until I took some courses

Likert Scale Data, % (*n*)

Factor	No Influence 1		Some Influence 2-3		High Influence 4-5		Mean Factor	Total	*p*-value†
Female	25.5	(13)	45.1	(23)	29.4	(15)	2.65	2.57	0.861
Male	29.3	(34)	41.4	(48)	29.3	(34)	2.54		
Year1-2	20.3	(15)	41.9	(31)	37.8	(28)	2.85	2.57	0.045
Year3-6	34.4	(32)	43.0	(40)	22.6	(21)	2.35		
<25% Fac.	26.0	(26)	46.0	(46)	28.0	(28)	2.53	2.57	0.529
≥25% Fac.	31.3	(21)	37.3	(25)	31.3	(21)	2.64		
<25% Stu.	34.7	(33)	40.0	(38)	25.3	(24)	2.38	2.57	0.083
≥25% Stu.	19.4	(14)	45.8	(33)	34.7	(25)	2.83		

Question: What factors may influence your decision to switch majors?

(b) Current major was too difficult

Likert Scale Data, % (*n*)

Factor	No Influence 1		Some Influence 2-3		High Influence 4-5		Mean	Factor Total	*p*-value†
Female	27.5	(14)	41.2	(21)	31.4	(16)	2.55	2.46	0.608
Male	35.0	(41)	38.5	(45)	26.5	(31)	2.42		
Year1-2	25.7	(19)	44.6	(33)	29.7	(22)	2.57	2.46	0.211
Year3-6	38.3	(36)	35.1	(33)	26.6	(25)	2.37		
<25% Fac.	31.7	(32)	42.6	(43)	25.7	(26)	2.45	2.46	0.539
≥25% Fac.	34.3	(23)	34.3	(23)	31.3	(21)	2.48		
<25% Stu.	33.3	(32)	39.6	(38)	27.1	(26)	2.48	2.46	0.955
≥25% Stu.	31.9	(23)	38.9	(28)	29.2	(21)	2.43		

Qc

Question: What factors may influence your decision to switch majors?
 (c) GPA in current major was low

Likert Scale Data, % (*n*)

Factor	No Influence 1		Some Influence 2-3		High Influence 4-5		Mean Factor	Total	*p*-value†
Female	41.2	(21)	37.3	(19)	21.6	(11)	2.31	2.19	0.690
Male	48.3	(56)	31.9	(37)	19.8	(23)	2.13		
Year1-2	43.8	(32)	34.2	(25)	21.9	(16)	2.21	2.19	0.852
Year3-6	47.9	(45)	33.0	(31)	19.1	(18)	2.17		
<25% Fac.	44.6	(45)	35.6	(36)	19.8	(20)	2.21	2.19	0.774
≥25% Fac.	48.5	(32)	30.3	(20)	21.2	(14)	2.15		
<25% Stu.	44.8	(43)	35.4	(34)	19.8	(19)	2.18	2.19	0.835
≥25% Stu.	47.9	(34)	31.0	(22)	21.1	(15)	2.20		

Qd

Question: What factors may influence your decision to switch majors?
 (d) Current major had higher fees/costs
Likert Scale Data, % (*n*)

Factor	No Influence 1		Some Influence 2-3		High Influence 4-5		Mean Factor Total		p-value†
Female	51.0	(26)	39.2	(20)	9.8	(5)	1.92	1.88	0.919
Male	53.8	(63)	35.9	(42)	10.3	(12)	1.85		
Year1-2	50.0	(37)	39.2	(29)	10.8	(8)	1.91	1.88	0.790
Year3-6	55.3	(52)	35.1	(33)	9.6	(9)	1.85		
<25% Fac.	50.5	(51)	39.6	(40)	9.9	(10)	1.92	1.88	0.668
≥25% Fac.	56.7	(38)	32.8	(22)	10.4	(7)	1.81		
<25% Stu.	55.2	(53)	32.3	(31)	12.5	(12)	1.88	1.88	0.252
≥25% Stu.	50.0	(36)	43.1	(31)	6.9	(5)	1.88		

Question: What factors may influence your decision to switch majors?

(e) Current major lacked diversity

Likert Scale Data, % (*n*)

Factor	No Influence 1		Some Influence 2-3		High Influence 4-5		Mean Factor Total		*p*-value†
Female	49.0	(25)	49.0	(25)	2.0	(1)	1.73	1.72	0.027
Male	60.7	(71)	29.9	(35)	9.4	(11)	1.72		
Year1-2	59.5	(44)	36.5	(27)	4.1	(3)	1.61	1.72	0.384
Year3-6	55.3	(52)	35.1	(33)	9.6	(9)	1.81		
<25% Fac.	55.4	(56)	34.7	(35)	9.9	(10)	1.78	1.72	0.234
≥25% Fac.	59.7	(40)	37.3	(25)	3.0	(2)	1.63		
<25% Stu.	54.2	(52)	37.5	(36)	8.3	(8)	1.79	1.72	0.609
≥25% Stu.	61.1	(44)	33.3	(24)	5.6	(4)	1.63		

Question: What factors may influence your decision to switch majors?

(f) Current major lacked a supportive environment

Likert Scale Data, % (*n*)

Factor	No Influence 1		Some Influence 2-3		High Influence 4-5		Mean Factor Total		*p*-value†
Female	51.0	(26)	33.3	(17)	15.7	(8)	2.04	2.14	0.401
Male	41.9	(49)	44.4	(52)	13.7	(16)	2.18		
Year1-2	44.6	(33)	40.5	(30)	14.9	(11)	2.08	2.14	0.980
Year3-6	44.7	(42)	41.5	(39)	13.8	(13)	2.18		
<25% Fac.	42.6	(43)	43.6	(44)	13.9	(14)	2.19	2.14	0.720
≥25% Fac.	47.8	(32)	37.3	(25)	14.9	(10)	2.06		
<25% Stu.	44.8	(43)	41.7	(40)	13.5	(13)	2.11	2.14	0.948
≥25% Stu.	44.4	(32)	40.3	(29)	15.3	(11)	2.17		

Question: What factors may influence your decision to switch majors?
(g) Other majors have better opportunities to make a difference in the world

Likert Scale Data, % (*n*)

Factor	No Influence 1		Some Influence 2-3		High Influence 4-5		Mean Factor	Total	*p*-value†
Female	37.3	(19)	43.1	(22)	19.6	(10)	2.25	2.31	0.626
Male	41.4	(48)	35.3	(41)	23.3	(27)	2.33		
Year1-2	41.1	(30)	37.0	(27)	21.9	(16)	2.29	2.31	0.974
Year3-6	39.4	(37)	38.3	(36)	22.3	(21)	2.32		
<25% Fac.	36.6	(37)	40.6	(41)	22.8	(23)	2.36	2.31	0.503
≥25% Fac.	45.5	(30)	33.3	(22)	21.2	(14)	2.23		
<25% Stu.	43.8	(42)	36.5	(35)	19.8	(19)	2.21	2.31	0.495
≥25% Stu.	35.2	(25)	39.4	(28)	25.4	(18)	2.44		

Question: What factors may influence your decision to switch majors?

(h) I am interested in different career path

Likert Scale Data, % (*n*)

Factor	No Influence 1		Some Influence 2-3		High Influence 4-5		Mean Factor Total		*p*-value†
Female	6.0	(3)	40.0	(20)	54.0	(27)	3.50	3.29	0.398
Male	12.0	(14)	42.7	(50)	45.3	(53)	3.21		
Year1-2	6.8	(5)	37.8	(28)	55.4	(41)	3.46	3.29	0.164
Year3-6	12.9	(12)	45.2	(42)	41.9	(39)	3.16		
<25% Fac.	6.9	(7)	39.6	(40)	53.5	(54)	3.43	3.29	0.099
≥25% Fac.	15.2	(10)	45.5	(30)	39.4	(26)	3.09		
<25% Stu.	12.5	(12)	42.7	(41)	44.8	(43)	3.15	3.29	0.431
≥25% Stu.	7.0	(5)	40.8	(29)	52.1	(37)	3.49		

Question: What factors may influence your decision to switch majors?

(i) Other majors have better income potential

Likert Scale Data, % (*n*)

Factor	No Influence 1		Some Influence 2-3		High Influence 4-5		Mean Factor Total		*p*-value†
Female	50.0	(25)	48.0	(24)	2.0	(1)	1.72	1.86	0.150
Male	46.2	(54)	42.7	(50)	11.1	(13)	1.91		
Year1-2	42.5	(31)	52.1	(38)	5.5	(4)	1.93	1.86	0.157
Year3-6	51.1	(48)	38.3	(36)	10.6	(10)	1.80		
<25% Fac.	38.0	(38)	48.0	(48)	14.0	(14)	2.08	1.86	0.001
≥25% Fac.	61.2	(41)	38.8	(26)	0.0	(0)	1.52		
<25% Stu.	45.3	(43)	43.2	(41)	11.6	(11)	1.93	1.86	0.229
≥25% Stu.	50.0	(36)	45.8	(33)	4.2	(3)	1.76		

Question: What factors may influence your decision to switch majors?
(j) Other majors have better job prospects

Likert Scale Data, % (*n*)

Factor	No Influence 1		Some Influence 2-3		High Influence 4-5		Mean Factor	Total	*p*-value†
Female	39.2	(20)	45.1	(23)	15.7	(8)	2.27	2.29	0.537
Male	37.6	(44)	39.3	(46)	23.1	(27)	2.30		
Year1-2	29.7	(22)	48.6	(36)	21.6	(16)	2.42	2.29	0.115
Year3-6	44.7	(42)	35.1	(33)	20.2	(19)	2.19		
<25% Fac.	30.7	(31)	40.6	(41)	28.7	(29)	2.58	2.29	0.004
≥25% Fac.	49.3	(33)	41.8	(28)	9.0	(6)	1.85		
<25% Stu.	38.5	(37)	40.6	(39)	20.8	(20)	2.23	2.29	0.989
≥25% Stu.	37.5	(27)	41.7	(30)	20.8	(15)	2.38		