

Appendix 4

Students from State-owned universities significantly had lower perceptions of internet access when compared with their counterparts from Federal and Private universities ($p<0.001$).

In ability to navigate online academic resources, males had a significantly higher perception of their capacity when compared with females and respondents who did not disclose their genders ($p=0.004$). There were no statistical differences in perception of one's ability to access digital academic tools and resources when compared based on Age, Geo-political zone or Class, $p=0.412$, $p=0.545$, and $p=0.518$, respectively. Students in Federal and State universities, however, reported a significantly higher confidence in navigating online academic resources than their colleagues in Private institutions, $p=0.019$.

Table 1. Likert Scale Grading the Quality of On-Campus Internet Access and Ability to Navigate Online Academic Resources

On Campus Internet Access						
Institutional Type, n (%)	Poor (1)	Fair (2)	Likert Scale			p (<0.05)
			Average (3)	Good (4)	Excellent (5)	
Federal	75 (20.5)	89 (24.4)	131 (35.9)	50 (13.7)	20 (5.5)	<0.001
State	106 (40.6)	63 (24.1)	72 (27.6)	12 (4.6)	8 (3.1)	
Private	44 (27.8)	47 (29.7)	51 (32.3)	12 (7.6)	4 (2.5)	
Total	225 (28.7)	199 (25.4)	254 (32.4)	74 (9.4)	32 (4.1)	
Ability to Navigate Online Academic Resources						
Parameter Sex, n (%)	Poor (1)	Fair (2)	Likert Scale			p (<0.05)
			Average (3)	Good (4)	Excellent (5)	
Male	30 (7.4)	57 (14.1)	166 (41.2)	90 (22.3)	60 (14.9)	0.004
Female	35 (9.5)	78 (21.1)	166 (45.0)	62 (16.8)	28 (7.6)	
Other	0 (0.0)	1 (100.0)	0 (0.0)	0 (0.0)	0 (0.0)	
Prefer not to say	0 (0.0)	2 (50.0)	0 (0.0)	1 (25.0)	1 (25.0)	
Age (years), n (%)	Poor (1)	Fair (2)	Average (3)	Good (4)	Excellent (5)	p (<0.05)
<18	6 (5.5)	14 (12.7)	47 (42.8)	27 (24.5)	16 (14.5)	0.412
18-30	58 (8.9)	123 (18.9)	279 (42.8)	123 (18.9)	69 (10.5)	
31-40	1 (12.5)	0 (0.0)	2 (25.0)	3 (37.5)	2 (25.0)	
>40	0 (0.0)	0 (0.0)	1 (50.0)	0 (0.0)	1 (50.0)	

Geopolitical						
Zone, n (%)						
North-Central	18 (9.5)	32 (16.8)	79 (41.6)	36 (18.9)	25 (13.2)	0.545
North-East	8 (11.8)	8 (11.8)	32 (47.1)	13 (19.1)	7 (10.3)	
North-West	5 (5.3)	16 (17.0)	48 (51.1)	20 (21.3)	5 (5.3)	
South-East	19 (11.7)	28 (17.2)	67 (41.1)	29 (17.8)	20 (12.3)	
South-South	8 (6.9)	26 (22.4)	41 (35.3)	25 (21.6)	16 (13.8)	
South-West	7 (4.8)	28 (19.2)	65 (44.5)	30 (20.5)	16 (11.0)	
Institutional						
Type, n (%)						
Federal	26 (7.2)	58 (16.1)	147 (40.8)	81 (22.5)	48 (13.3)	0.019
State	33 (12.7)	46 (17.7)	114 (43.8)	41 (15.8)	26 (10.0)	
Private	6 (3.8)	34 (21.7)	71 (45.2)	31 (19.7)	15 (9.6)	
Year of Study, n (%)						
100 Level / First Year	12 (8.8)	22 (16.1)	56 (40.9)	25 (18.2)	22 (16.1)	0.518
200 Level / Second Year	16 (9.6)	36 (21.6)	72 (43.1)	30 (18.0)	13 (7.8)	
300 Level / Third Year	13 (7.1)	38 (20.9)	73 (40.1)	40 (22.0)	18 (9.9)	
400 Level / Fourth Year	12 (6.8)	20 (11.4)	87 (49.4)	37 (21.0)	20 (11.4)	
500 Level / Fifth Year	9 (10.5)	18 (20.9)	33 (38.4)	15 (17.4)	11 (12.8)	
600 Level / Final Year	3 (10.3)	4 (13.8)	11 (37.9)	6 (20.7)	5 (17.2)	
Total	65 (8.4)	138 (17.8)	332 (42.7)	153 (19.7)	89 (11.5)	