

Results

Unidimensional Reliability

Frequentist Scale Reliability Statistics

Coefficient	Estimate	Std. Error	95% CI	
			Lower	Upper
Coefficient α	0.901			

Note. The analytic confidence interval is not available for coefficient alpha/lambda2 when data contain missings and pairwise complete observations are used. Try changing to 'Delete listwise' within 'Advanced Options'.

Descriptive Statistics

Descriptive Statistics

	Q32: Limited Tool Knowledge	Q28: Inaccuracy Concern	Q26: Privacy Concerns	Q8: Exam Preparation	Age	Q6: Valuable Supplement	Q7: Understand Concepts	Q9: Redu
Valid	86	86	86	87	87	87	87	
Missing	1	1	1	0	0	0	0	
Mean	2.895	3.558	3.791	4.034	21.62	4.103	4.195	
Std. Deviation	0.958	0.876	0.984	0.970	1.644	1.000	0.887	
Minimum	1.000	2.000	1.000	1.000	19.00	1.000	1.000	
Maximum	5.000	5.000	5.000	5.000	25.00	5.000	5.000	

Binomial Test

Variable	Level	Counts	Total	Proportion	p
Gender	Female	46	87	0.529	.668
	Male	41	87	0.471	.668
Year of Study	1st	17	87	0.195	< .001
	2nd	12	87	0.138	< .001
	3rd	32	87	0.368	.018
	4th	12	87	0.138	< .001
	Final year	14	87	0.161	< .001
Program	BDS	6	87	0.069	< .001
	MBBS	81	87	0.931	< .001
College Type	Private	58	87	0.667	.002
	Public	29	87	0.333	.002
City	Abbottabad	4	87	0.046	< .001
	Bahawalpur	1	87	0.011	< .001
	Faisalabad	2	87	0.023	< .001
	Islamabad	6	87	0.069	< .001
	Karachi	5	87	0.057	< .001
	Kharian	17	87	0.195	< .001
	Lahore	4	87	0.046	< .001
	Mardan	1	87	0.011	< .001
	Multan	1	87	0.011	< .001
	Okara	1	87	0.011	< .001
	Peshawar	6	87	0.069	< .001
	Quetta	2	87	0.023	< .001
	Rawalpindi	27	87	0.310	< .001
	Sialkot	7	87	0.080	< .001
	Taunsa Sharif	1	87	0.011	< .001
	Wah Cantt	2	87	0.023	< .001
College Name	Aga Khan University	2	87	0.023	< .001
	Akhtar Saeed Medical and Dental College	2	87	0.023	< .001
	Allama Iqbal Medical College	1	87	0.011	< .001
	Allama Iqbal Medical University	1	87	0.011	< .001
	Army Medical College	4	87	0.046	< .001
	Avicenna Medical College	1	87	0.011	< .001
	Ayub Medical College	4	87	0.046	< .001
	Bacha Khan Medical College	1	87	0.011	< .001
	Bolan Medical College	2	87	0.023	< .001
	CMH Kharian Medical College	19	87	0.218	< .001
	Fazaia Medical College	1	87	0.011	< .001
	Federal Medical and Dental College	1	87	0.011	< .001
	Frontier Medical College	1	87	0.011	< .001
	Islam Medical and Dental College	1	87	0.011	< .001
	Islamic International Medical College	19	87	0.218	< .001
	Karachi Institute of Medical Sciences	1	87	0.011	< .001
	Khyber Medical College	1	87	0.011	< .001
	Muhammad College of Medicine	4	87	0.046	< .001
	National University of Medical Sciences	1	87	0.011	< .001
	Nishtar Medical College	1	87	0.011	< .001
	Okara University	1	87	0.011	< .001
	Punjab Medical College	2	87	0.023	< .001
	Quaid-e-Azam Medical College	1	87	0.011	< .001
	Rawalpindi Medical College	4	87	0.046	< .001

Note. Proportions tested against value: 0.5.

Variable	Level	Counts	Total	Proportion	p
	Rehman Medical College	1	87	0.011	< .001
	Shaikh Khalifa Bin Zayed Al Nahyan Medical & Dental College	1	87	0.011	< .001
	Sialkot Medical College	6	87	0.069	< .001
	Sindh Medical College	1	87	0.011	< .001
	University Medical and Dental College	1	87	0.011	< .001
	Ziauddin Medical University	1	87	0.011	< .001
Q1: Used AI Tools	No	1	87	0.011	< .001
	Yes	86	87	0.989	< .001
Q2: AI Tools Used	ChatGPT	16	87	0.184	< .001
	ChatGPT, AI-based diagnostic tools	1	87	0.011	< .001
	ChatGPT, AI-based research assistance apps	1	87	0.011	< .001
	ChatGPT, Deep Seek	6	87	0.069	< .001
	ChatGPT, Deep Seek, Grammarly	2	87	0.023	< .001
	ChatGPT, Grammarly	3	87	0.034	< .001
	ChatGPT, Meta AI	14	87	0.161	< .001
	ChatGPT, Meta AI, AI-based diagnostic tools, AI-based research assistance apps	1	87	0.011	< .001
	ChatGPT, Meta AI, Deep Seek	5	87	0.057	< .001
	ChatGPT, Meta AI, Deep Seek, AI-based research assistance apps	1	87	0.011	< .001
	ChatGPT, Meta AI, Deep Seek, Gemini	1	87	0.011	< .001
	ChatGPT, Meta AI, Deep Seek, Grammarly	1	87	0.011	< .001
	ChatGPT, Meta AI, Deep Seek, Perplexity, AI-based research assistance apps	1	87	0.011	< .001
	ChatGPT, Meta AI, Gamma AI	1	87	0.011	< .001
	ChatGPT, Meta AI, Grammarly	1	87	0.011	< .001
	ChatGPT, Meta AI, Grammarly, AI-based diagnostic tools	1	87	0.011	< .001
	ChatGPT, Meta AI, Grammarly, Kenhub, Complete Anatomy, MedAll	1	87	0.011	< .001
	ChatGPT, Meta AI, Perplexity	1	87	0.011	< .001
	ChatGPT, Meta AI, Quillbot	1	87	0.011	< .001

Note. Proportions tested against value: 0.5.

Variable	Level	Counts	Total	Proportion	p
	ChatGPT, Meta AI, Quillbot, Deep Seek	1	87	0.011	< .001
	ChatGPT, Meta AI, Quillbot, Grammarly	1	87	0.011	< .001
	ChatGPT, Microsoft Copilot, Deep Seek	2	87	0.023	< .001
	ChatGPT, Microsoft Copilot, Grammarly	3	87	0.034	< .001
	ChatGPT, Microsoft Copilot, Meta AI	3	87	0.034	< .001
	ChatGPT, Microsoft Copilot, Meta AI, Deep Seek	2	87	0.023	< .001
	ChatGPT, Microsoft Copilot, Meta AI, Deep Seek, AI-based research assistance apps	1	87	0.011	< .001
	ChatGPT, Microsoft Copilot, Meta AI, Deep Seek, Grammarly	1	87	0.011	< .001
	ChatGPT, Microsoft Copilot, Meta AI, Perplexity, Grammarly	1	87	0.011	< .001
	ChatGPT, Microsoft Copilot, Meta AI, Quillbot, AI-based diagnostic tools	1	87	0.011	< .001
	ChatGPT, Microsoft Copilot, Meta AI, Quillbot, Deep Seek, Gemini	1	87	0.011	< .001
	ChatGPT, Microsoft Copilot, Meta AI, Quillbot, Deep Seek, Grammarly	2	87	0.023	< .001
	ChatGPT, Microsoft Copilot, Meta AI, Quillbot, Deep Seek, Perplexity, Grammarly	1	87	0.011	< .001
	ChatGPT, Microsoft Copilot, Quillbot, Deep Seek, Grammarly	1	87	0.011	< .001
	ChatGPT, Perplexity	1	87	0.011	< .001
	ChatGPT, Quillbot	1	87	0.011	< .001
	ChatGPT, Quillbot, Grammarly, AI-based research assistance apps	1	87	0.011	< .001
	Deep Seek	1	87	0.011	< .001
	Meta AI	2	87	0.023	< .001
	Meta AI, Quillbot, Deep Seek, Grammarly, AI-based diagnostic tools, AI-based research assistance apps	1	87	0.011	< .001
Others	Elicit	1	87	0.011	< .001
	Gemini	1	87	0.011	< .001
	Meta AI	1	87	0.011	< .001
	None	82	87	0.943	< .001
	Rayyan AI	1	87	0.011	< .001
	Ryan AI	1	87	0.011	< .001

Note. Proportions tested against value: 0.5.

Variable	Level	Counts	Total	Proportion	p
Q3: Purposes	Clinical decision support	1	87	0.011	< .001
	Exam preparation	6	87	0.069	< .001
	Exam preparation, Daily life help	1	87	0.011	< .001
	Exam preparation, Preparing presentations, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Research assistance	1	87	0.011	< .001
	Exam preparation, Research assistance, Clinical decision support, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Research assistance, Diagnostic assistance, Personal use (non-medical)	2	87	0.023	< .001
	Exam preparation, Research assistance, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Research assistance, Summarizing articles, Clinical decision support, Diagnostic assistance, Preparing presentations, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Research assistance, Summarizing articles, Preparing presentations, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Summarizing articles, Preparing presentations	1	87	0.011	< .001
	Exam preparation, Writing assignments	1	87	0.011	< .001
	Exam preparation, Writing assignments, Clinical decision support, Diagnostic assistance, Preparing presentations	1	87	0.011	< .001
	Exam preparation, Writing assignments, Clinical decision support, Diagnostic assistance, Preparing presentations, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Writing assignments, Diagnostic assistance, Personal use (non-medical)	2	87	0.023	< .001
	Exam preparation,	3	87	0.034	< .001

Note. Proportions tested against value: 0.5.

Variable	Level	Counts	Total	Proportion	p
	Writing assignments, Diagnostic assistance, Preparing presentations, Personal use (non-medical)				
	Exam preparation, Writing assignments, Preparing presentations	1	87	0.011	< .001
	Exam preparation, Writing assignments, Preparing presentations, Personal use (non-medical)	2	87	0.023	< .001
	Exam preparation, Writing assignments, Research assistance	1	87	0.011	< .001
	Exam preparation, Writing assignments, Research assistance, Clinical decision support, Diagnostic assistance, Preparing presentations, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Writing assignments, Research assistance, Clinical decision support, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Writing assignments, Research assistance, Diagnostic assistance	1	87	0.011	< .001
	Exam preparation, Writing assignments, Research assistance, Diagnostic assistance, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Writing assignments, Research assistance, Diagnostic assistance, Preparing presentations, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Writing assignments, Research assistance, Personal use (non-medical)	2	87	0.023	< .001
	Exam preparation, Writing assignments, Research assistance, Preparing presentations	3	87	0.034	< .001
	Exam preparation, Writing assignments, Research assistance, Preparing presentations, Personal use (non-medical)	3	87	0.034	< .001

Note. Proportions tested against value: 0.5.

Variable	Level	Counts	Total	Proportion	p
	Exam preparation, Writing assignments, Research assistance, Summarizing articles	1	87	0.011	< .001
	Exam preparation, Writing assignments, Research assistance, Summarizing articles, Clinical decision support, Diagnostic assistance, Preparing presentations, Personal use (non-medical)	7	87	0.080	< .001
	Exam preparation, Writing assignments, Research assistance, Summarizing articles, Clinical decision support, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Writing assignments, Research assistance, Summarizing articles, Diagnostic assistance	1	87	0.011	< .001
	Exam preparation, Writing assignments, Research assistance, Summarizing articles, Diagnostic assistance, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Writing assignments, Research assistance, Summarizing articles, Personal use (non-medical)	3	87	0.034	< .001
	Exam preparation, Writing assignments, Research assistance, Summarizing articles, Preparing presentations, Personal use (non-medical)	3	87	0.034	< .001
	Exam preparation, Writing assignments, Summarizing articles, Diagnostic assistance, Personal use (non-medical)	1	87	0.011	< .001
	Exam preparation, Writing assignments, Summarizing articles, Personal use (non-medical)	2	87	0.023	< .001
	Exam preparation, Writing assignments, Summarizing articles, Preparing presentations	1	87	0.011	< .001
	Exam preparation, Writing	4	87	0.046	< .001

Note. Proportions tested against value: 0.5.

Variable	Level	Counts	Total	Proportion	p
	assignments, Summarizing articles, Preparing presentations, Personal use (non-medical)				
	Personal use (non-medical)	2	87	0.023	< .001
	Research assistance	1	87	0.011	< .001
	Research assistance, Preparing presentations	2	87	0.023	< .001
	Research assistance, Summarizing articles, Clearing confusions during study	1	87	0.011	< .001
	Research assistance, Summarizing articles, Clinical decision support, Diagnostic assistance, Personal use (non-medical)	1	87	0.011	< .001
	Research assistance, Summarizing articles, Clinical decision support, Diagnostic assistance, Preparing presentations, Personal use (non-medical)	1	87	0.011	< .001
	Summarizing articles, Diagnostic assistance	1	87	0.011	< .001
	Writing assignments	3	87	0.034	< .001
	Writing assignments, Clinical decision support, Diagnostic assistance, Personal use (non-medical)	1	87	0.011	< .001
	Writing assignments, Research assistance	1	87	0.011	< .001
	Writing assignments, Research assistance, Diagnostic assistance, Preparing presentations, Personal use (non-medical)	1	87	0.011	< .001
	Writing assignments, Research assistance, Summarizing articles, Clinical decision support, Diagnostic assistance	1	87	0.011	< .001
	Writing assignments, Research assistance, Summarizing articles, Preparing presentations	1	87	0.011	< .001
	Writing assignments, Summarizing articles, Clinical decision support, Personal use (non-medical)	1	87	0.011	< .001
	Writing assignments, Summarizing articles, Personal use (non-medical)	1	87	0.011	< .001

Note. Proportions tested against value: 0.5.

Variable	Level	Counts	Total	Proportion	p
	Writing assignments, Summarizing articles, Preparing presentations, Personal use (non-medical)	1	87	0.011	< .001
Q4: Frequency	Daily	44	87	0.506	1.000
	Once or twice a month	2	87	0.023	< .001
	Once or twice a week	40	87	0.460	.520
	Rarely/Never	1	87	0.011	< .001
Q5: Formal AI Training	No	81	87	0.931	< .001
	Yes	6	87	0.069	< .001

Note. Proportions tested against value: 0.5.

Unidimensional Reliability

Frequentist Scale Reliability Statistics

Coefficient	Estimate	Std. Error	95% CI	
			Lower	Upper
Coefficient α	0.763			

Note. The analytic confidence interval is not available for coefficient alpha/lambda2 when data contain missings and pairwise complete observations are used. Try changing to 'Delete listwise' within 'Advanced Options'.