

Electronic Supplementary Material

Table 1 Descriptive Statistics and Loadings for Bangladesh Sample (DeepSeek)

Con.	Sub-dim.	Item	(λ)	Mean	S.D.
PE	Perceived Usefulness	PE1 – Improves productivity	0.77	4.04	0.92
		PE2 – Accomplishes tasks quickly	0.82	4.23	0.82
		PE3 – Increases effectiveness	0.73	4.13	0.81
		PE4 – Useful in daily activities	0.75	3.92	0.72
FC	Resource Availability	FC2 – Knowledge necessary	0.64	4.08	0.98
		FC3 – Compatible with tech used	0.80	4.01	0.98
		FC4 – Help available if needed	0.86	3.77	0.74
EE	Perceived Ease of Use	EE1 – Learning is easy	0.80	2.93	1.02
		EE2 – Interaction is clear	0.98	3.74	0.72
		EE3 – Skillful usage is easy	0.89	3.84	0.81
		EE4 – Easy to use	0.71	3.85	0.78
SI	Subjective Norm	SI2 – Influencers encourage use	0.80	3.76	0.81
		SI3 – Valued opinions support use	0.91	3.79	0.75
HM	Perceived Enjoyment	HM1 – Fun to use	0.81	3.64	0.98
		HM2 – Enjoyable	0.90	4.04	0.90
		HM3 – Entertaining	0.83	3.81	1.01
PV	Value Assessment	PV1 – Benefits justify effort	0.74	3.85	0.80
		PV2 – Great value (open-source)	0.87	4.20	0.93
		PV3 – No cost vs. ChatGPT	0.86	4.16	0.87
TR	Perceived Reliability	TR1 – Accurate despite Chinese origin	0.80	3.64	0.84
		TR2 – Transparency due to open-source	0.96	4.03	0.97
		TR3 – Public code increases trust	0.76	3.78	0.93
		TR4 – Respects privacy	0.74	3.75	0.88
PC	Data Control	PC1 – Concerned about Chinese origin	0.88	3.58	1.02
		PC2 – Misuse due to governance	0.89	3.85	1.14
		PC3 – Oversight concern	0.86	3.84	1.13
		PC4 – Access concern	0.85	3.76	1.00
		PC5 – Cautious with sensitive data	0.98	3.85	1.07
		PC6 – Chinese gov. access concern	0.70	3.82	1.06
HT	Automaticity	HT1 – Habitual use	0.84	3.58	0.86
		HT2 – Must use it	0.81	3.87	0.97
		HT3 – Natural to use	0.69	3.51	0.84
GC	National Security & Sovereignty	GC1 – Undermines national security	0.76	3.69	0.92

Con.	Sub-dim.	Item	(λ)	Mean	S.D.
	National Security & Sovereignty	GC2 – Strategic autonomy	0.87	3.94	1.02
	Strategic Alignment	GC3 – Reflects values better	0.83	3.90	0.95
	Strategic Alignment	GC4 – Good bilateral relations	0.80	3.71	0.92
	Technological Dependency	GC5 – Rivalry favors adoption	0.58	3.63	0.85
	Strategic Alignment	GC6 – Aligns with foreign policy	0.78	3.65	0.91
	Technological Dependency	GC7 – Supports regional partnerships	0.56	3.57	0.87
	National Security & Sovereignty	GC8 – Cybersecurity concerns	0.75	3.76	0.79
BI	Adoption Intention	BI1 – Intent to use academically	0.86	3.76	0.79
	Adoption Intention	BI2 – Plan to continue use	0.79	4.09	0.93
	Adoption Intention	BI3 – Explore more features	0.81	3.96	0.87
	Adoption Intention	BI4 – Use in coursework	0.79	3.93	0.87
	Adoption Intention	BI5 – Prefer over others (open-source)	0.86	4.15	0.92
	Adoption Intention	BI6 – Willing despite Chinese origin	0.70	3.93	0.74