1 Candidate Items for the Second Iteration

ID	Item	Wording from	Inspired by
s_1	I constantly worry about cybersecurity.		Being worried[1, 2]
s_2	I am extremely terrified about cyberthreats.		Being terrified[3]
s_5	I often worry about the rapid development in technology.		Being worried[1, 2]
s_6	I am concerned about my cybersecurity vulnerability.		Expectation of the worst [1, 2] Worried that data is stolen[4]
s_11	I increasingly fear the internet.		Being fearful[1, 3]
s_13	Thinking about cyberattacks makes me fearful.		Being fearful[1, 3]
s_14	I fear strangers getting access to personal information.		Being fearful[1, 2, 3, 5] Loss of personal information[6, 7]
s_16	After being affected by a cyberattack, I get depressed.		Being depressed [1, 5]
s_21	I feel physically unwell after a cyberattack		Somatic Symptoms [1, 3]
s_24	I get nervous when other people use my technology devices.	Author Generated	
s_44	I make sure that my credit card information is not saved in online accounts.	Adapted from: 'I make sure that my credit card information is not saved.'[7]	
s_47	I consistently scan downloaded files for malicious software.		Handling of downloaded files [4, 7]
s_53	I feel apprehensive about using e-mail services.	Wording from: 'I feel apprehensive about using computers.' [8]	Risks regarding E-mails[4, 7]
s_54	I feel apprehensive about using two-factor authentication.	Wording from: 'I feel apprehensive about using computers.' [8]	Implementation of recommended security measures[4, 7]
s_57	I pay people to manage my cybersecurity.		Money spending on cybersecurity[4]
s_61	I regularly review my account login history for unusual activity.	Author generated	
s_64	I frequently change my passwords.		Password management[4, 7, 9]
s_65	I fear being impersonated online.		Identity theft[4]
s_66	I constantly worry about my identity being stolen online.		Identity theft[4]

ID	Item	Wording from	Inspired by
s_75	I have completed an education in the field of technology or a field related to technology.	Author generated	
s_79	I have attended a cybersecurity training course.	Author generated	
s_80	Increasing computer usage is changing children's brains for the worse.	Directly adopted from[6]	
s_83	I am up to date with the newest cybersecurity practices.		Common cybersecurity practices [4, 7, 10]
s_84	I regularly read news related to technology.		Interest in inquiring information about cybersecurity [4]
s_93	I spend too much time using technology devices.	Author generated	
s_94	I consistently avoid screen time one hour before I go to bed.	Author generated	
s_107	I regularly perform backups.	Author generated	
s_108	I make sure to back up my devices.	Author generated	
s_109	Generally, I use a VPN to disguise my internet movement.	Author generated	
s_111	I only use a password manager for my most critical passwords.		Password creation and management[4, 7]
s_115	I want to live off the grid.	Author generated	
s_120	I believe artificial intelligence will become dangerous in the future.		Being afraid of the future of AI[11]
s_123	To prevent devices from listening to my conversations, I ensure their microphones are disabled.	Author generated	
s_124	I worry about people editing my social media page without my consent.	Adapted from: 'I worry about others editing my Facebook page (or similar) without my consent'[6]	
s_130	I do not mind sharing my contact information in cyberspace.	Directly adopted from [7]	
s_137	There is a need for more regulations regarding artificial intelligence.	Author generated	
s_138	I constantly worry about being tracked.		Worrying about movement being tracked [6]
s_139	I constantly fear losing my online data.		Risk of data loss[7]
s_140	I often fear strangers posting on my social media accounts.		Others editing social media [6]
s_142	I own cryptocurrency.	Author generated	

ID	Item	Wording from	Inspired by
s_143	I fear becoming a victim of cyberbullying.	Author generated	
s_144	I fear unauthorized access to my social media accounts.		Others editing social media[6]
s_145	I fear hackers could gain access to my social media accounts for cyberbullying purposes.		Others editing social media[6]
s_147	I own digital goods that are irreplaceable.	Author generated	
s_148	I fear losing access to my accounts containing digital purchases.	Author generated	
s_150	I fear strangers reading old chat messages of mine.	Author generated	
s_151	I often fear hackers reading old chat messages of mine.	Author generated	
s_152	I often fear the police reading old chat messages of mine.	Author generated	
s_163	I feel helpless when it comes to cybersecurity.	Wording from: 'I feel helpless' [10]	Lack of knowledge and Being hit by a cyberattack is inevitable [4, 7]
s_166	I have a specific person I go to regarding tech support.		Seeking help [10, 12]
s_170	I often consult a cybersecurity expert (e.g., IT help desk, professionals).	Author generated	
s_174	Someone close to me has become a victim of a cyber scam before.	Author generated	
s_175	I get nervous when reading news about cybersecurity.	Author generated	
s_177	Someone close to me has been a victim of a cyberattack.	Author generated	
s_179	I often hear about cybercrimes through popular media (e.g., TV shows, movies, podcasts, etc.).	Author generated	
s_180	I follow influencers who discuss cybercrimes or security issues.	Author generated	
s_181	Theft in real life has prompted me to be more mindful of my online security risks.	Author generated	
s_183	I am familiar with how someone I know has dealt with a cyberattack and intend to follow their example.	Author generated	
s_188	I like to get personalized advertisements on websites.		Data used for advertisements[13]

ID	Item	Wording from	Inspired by
s_195	Compared to others, I am more sensitive about the way online companies handle my personal information.	Directly adopted from [13]	
s_200	I fear artificial intelligence generating photos of me.	Author Generated	
s_201	I fear being impersonated by artificial intelligence.	Author Generated	
s_202	I feel like artificial intelligence makes my education useless.		AI impact on education[11]

Table 1: A table including the 63 items tested in the second round of data collection with sources.

References

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