**Appendix A**

***The Impact of the Big Five Personality on AIGC Information Adoption Questionnaire***

| Factor | Variable | Question | References |
| --- | --- | --- | --- |
| AIGC information quality(Q) | Q1 | I think that Artificial Intelligence Generated Content (AIGC) is complete and abundant. | (Cheung et al., 2008; Sussman and Siegal, 2003; Verma et al., 2023) |
| Q2 | I think that Artificial Intelligence Generated Content (AIGC) is relatively new and timely. |
| Q3 | I think that the structure and expression of Artificial Intelligence Generated Content (AIGC) are clear. |
| AIGC Information source credibility(AC) | AC1 | The sources of Artificial Intelligence Generated Content (AIGC) are reliable. | (Sussman and Siegal, 2003; Verma et al., 2023) |
| AC2 | The sources of Artificial Intelligence Generated Content (AIGC) are trustworthy. |
| AC3 | The sources of Artificial Intelligence Generated Content (AIGC) are authoritative. |
| AIGC information usefulness(U) | U1 | I think that the content generated by Artificial Intelligence (AIGC) can meet my information needs. | (Sussman and Siegal, 2003; Verma et al., 2023) |
| U2 | I think that the content generated by Artificial Intelligence (AIGC) can help me solve problems. |
| U3 | I think that the content generated by Artificial Intelligence (AIGC) is valuable. |
| AIGC information adoption Intention(AI) | AI1 | I'm willing to use AIGC information. | (Bhattacherjee, 2001; Yu, 2024; Zhou, 2022) |
| AI2 | I will maintain or even increase the frequency of using AIGC information. |
| AI3 | I'm willing to recommend others to utilize AIGC information. |
| AIGC information adoption behavior(AB) | AB1 | I will apply the useful Artificial Intelligence Generated Content (AIGC) to my study, work, and life. | (F Huo, 2024; Hennig-Thurau et al., 2004; Verma et al., 2023) |
| AB2 | I currently use Artificial Intelligence Generated Content (AIGC) quite frequently every day. |
| AB3 | I will share the Artificial Intelligence Generated Content (AIGC) that I approve of with others. |
| Neuroticism (NE) | NE1 | I often worry that something bad is going to happen. | (Wang et al., 2011) |
| NE2 | I frequently feel afraid. |
| NE3 | Sometimes I feel that I'm worthless. |
| NE4 | I see myself as someone who is depressed, blue\* |
| NE5 | I often relate others' casual remarks to myself. |
| NE6 | When facing pressure, I have a feeling of being on the verge of breaking down. |
| NE7 | I often worry about insignificant things. |
| NE8 | I frequently feel uneasy inside. |
| Conscientiousness (C) | C1 | At work, I often just aim to get by.\* | (Wang et al., 2011) |
| C2 | Once I set a goal, I will persist and work hard to achieve it. |
| C3 | I often make decisions after careful consideration. |
| C4 | Others think that I'm a cautious person. |
| C5 | Being particular about logic and order in doing things is one of my characteristics. |
| C6 | I like to plan things well from the very beginning. |
| C7 | I'm diligent in work and study. |
| C8 | I'm the kind of person who devotes all my efforts to doing things. |
| Agreeableness (A) | A1 | Despite the existence of some dark aspects in human society (such as war, crime, and fraud), I still believe that human nature is generally kind. | (Wang et al., 2011) |
| A2 | I think most people are basically kind-hearted. |
| A3 | Although there are some swindlers in society, I think most people are still trustworthy. |
| A4 | I don't really care if others experience injustice.\* |
| A5 | I often feel that others' sufferings have nothing to do with me.\* |
| A6 | I'm often sad for those who encounter misfortunes. |
| A7 | I am the type of person who only takes care of myself and doesn't worry about others.\* |
| A8 | When others tell me about their misfortunes, I often feel sad. |
| Openness (O) | O1 | I'm quite imaginative. | (Wang et al., 2011) |
| O2 | My mind is often filled with vivid images. |
| O3 | I have a strong curiosity about many things. |
| O4 | I enjoy taking risks. |
| O5 | I'm a person who is brave enough to take risks and break the routine. |
| O6 | I possess a spirit of adventure that others don't have. |
| O7 | I have a desire to learn new things, even if they are unrelated to my daily life. |
| O8 | I'm quite willing and able to accept new things, new viewpoints, and new ideas. |
| Extraversion (E) | E1 | I enjoy participating in social and entertainment gatherings. | (Wang et al., 2011) |
| E2 | I find large gatherings boring.\* |
| E3 | I try my best to avoid attending large gatherings and noisy environments.\* |
| E4 | At lively parties, I often take the initiative and enjoy myself. |
| E5 | There is usually no awkward silence when I'm present. |
| E6 | I hope to be a leader rather than a follower. |
| E7 | In a group, I hope to be in a leading position. |
| E8 | Most people think that I'm a warm and friendly person. |

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