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GB/T 46800-2025

**Social impact of generative artificial intelligence technology
applications - Evaluation guidelines**

生成式人工智能技术应用社会影响 评估指南

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Working Group on Basic Standardization of Social Application and Evaluation of Intelligent Technologies (SCA/SWG35). This document was drafted by: Runze Intelligent Computing Technology Group Co., Ltd., Tsinghua University, China National Institute of Standardization, and China Mobile Information Systems Group. Cheng Co., Ltd., Lenovo (Beijing Co., Ltd.), Office of the Cyberspace Administration of the CPC Ordos Municipal Committee, and Baidu Beijing Netcom Technology Co., Ltd., Beijing Zhipu Huazhang Technology Co., Ltd., Hefei Qinghe Intelligent Technology Co., Ltd., Alibaba Cloud Computing Co., Ltd. Zhejiang University, Beijing Galui Intelligent Technology Group Co., Ltd., Shenzhen Julong Smart City Research Institute, Harbin Institute of Technology, Shandong Provincial Computing... Center (National Supercomputing Center in Jinan), Fudan University, China Aerospace Science and Industry Network Information Development Co., Ltd., China People's Public Security University, Zhejiang University of Technology University, Puhui Intelligent Manufacturing Technology Co., Ltd., National Industrial Information Security Development Research Center (First Research Institute of Electronics, Ministry of Industry and Information Technology), Shandong Universities, People's Court Information Technology Service Center, Xi'an Jiaotong University, China Mobile Communications Group Shandong Co., Ltd., Beijing Zhongke Wenge Technology Co., Ltd. Joint-stock company, Ministry of Public Security Security and Police Electronic Product Quality Inspection Center (First Research Institute of Ministry of Public Security), Data Space Research Institute, Ascend Ark (Hainan) Technology Co., Ltd., and Beijing QiMingXingChen Information Security Technology Co., Ltd. The main drafters of this document are. Su Jun, Zhou Chaonan, Zhang Xian, Ru Peng, Cao Lili, Wang Yun, Du Yangzhou, Shang Erping, Ling Chen, Li Li, and Jiang Xiaolin. Peng Juntao, Li Junping, Zhang Peng, Zhao Wenhui, Wei Yuming, Wei Ruqing, Huang Cui, Lü Liyuan, Guo Yifeng, Wang Yan, Wang Shuang, Wang Yongjie, Lü Lingguang Han Zhihong, Hu Yefei, Zhou Mingle, Li Xuemei, Mi Jianing, Xu Hongfa, Chen Guoying, Wang Kefei, Peng Wenhua, Chen Jing, Wang Xiaoyan, Shen Chao, Cheng Tao, Wu Yun, Wang Yudong, Xiao

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This encompasses various sectors of production and daily life, including the economy, judiciary, government affairs, education, healthcare, and scientific research. On the one hand, it enhances individual cognition, improves decision-making efficiency, and optimizes organizational structure. On the other hand, it has provided beneficial assistance in shaping models and empowering economic and social operations; on the other hand, it has also influenced human production models, lifestyles, and social governance systems. This has had a profound impact. Therefore, in the development, service provision, and application processes, it is crucial to identify and effectively assess the impact of generative artificial intelligence technology applications in advance. The social impact of technology and the need for regulation to guide its application to generate positive social effects have become a major and urgent issue of our time. GB/T 46800, "Guidelines for Social Impact Assessment of Generative Artificial Intelligence Technology Applications," aims to provide guidelines for identifying and assessing generative artificial intelligence. A basic framework for the social impact of technology applications provides guidance for developers, providers, users, regulatory bodies, and research institutions in conducting relevant management and evaluation activities. Providing guidance and suggestions can help promote the healthy and beneficial development of generative artificial intelligence technology applications and proactively prevent potential problems in technology applications. Social risks. Social Impact of Generative Artificial Intelligence Technology Applications Assessment Guidelines

1 Scope

GB/T 46800-2025 is the Chinese national standard covering assessing what a generative AI deployment does to society - the effect on the occupations it touches, on information quality and trust, on the people represented in or excluded from the output, and the concentration of capability it produces. First edition. It was issued on 2 December 2025 and has been in force since 2 December 2025, as a first edition. The document is under the responsibility of the Standardization Administration of China. This page is published from the official record of the 2025 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document provides the general principles, social impact assessment framework, and assessment indicators for the application of generative artificial intelligence technology in social impact assessment. The document provides guidance and suggestions on measurement methods, evaluation processes, application of results, and continuous improvement, and offers relevant information on specific evaluation examples. This document does not provide guidance on evaluating the pre-existing technical performance of models and corpora, such as their credibility, reliability, and accuracy. This document

applies to developers, providers, and users in identifying and managing the social impact of generative artificial intelligence technology applications. It is applicable to guiding regulatory authorities and research institutions in conducting social impact assessments of generative artificial intelligence technology applications.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 41867-2022 Terminology for Information Technology and Artificial Intelligence

3 Terms and Definitions

The terms and definitions defined in GB/T 41867-2022, as well as the following terms and definitions, apply to this document.

3.1 Artificial intelligence models and related products and services that generate text, images, audio, video, software code, and other content.

3.2 social impact The potential or existing impacts on individuals and groups, organizations and industries, as well as society and its related systems.

Note. The social impact referred to in this document includes both the potential social impact of the social attributes inherent in the output content of generative artificial intelligence and... This includes the social impacts that the application of this technology has already generated or caused.

3.3 evaluation Organizations that develop, provide, use, regulate, or research do so through formal, documented processes to identify, rate, and process such information.

3.4 Characterizing performance The descriptive or quantitative results of the attributes of things obtained through systematic methods.

3.5 measurement The process of determining the numerical values of an object's attributes or characteristics through specific methods, equipment, and procedures.