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GB/T 46802-2025

**Artificial intelligence social experiments - Implementation
guidelines**

人工智能社会实验 实施指南

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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. GB/T 46801 "Guidelines for the Design of Social Experiments in Artificial Intelligence" and GB/T 46802 "Guidelines for the Implementation of Social Experiments in Artificial Intelligence" and GB/T 46799, "Evaluation Guidelines for Social Experiments in Artificial Intelligence," together constitute the national standard system supporting the conduct of social experiments in

artificial intelligence. 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 (SAC/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. Chengdu Co., Ltd., Office of the Cyberspace Administration of the CPC Ordos Municipal Committee, and Office of the Cyberspace Administration of the CPC Chengdu Municipal Committee Committee Office, Hefei Qinghe Intelligent Technology Co., Ltd., Renmin University of China, University of Chinese Academy of Sciences, Zhejiang University, Peking University Third Hospital, Shenzhen Julong Smart City Research Institute, Shandong University, People's Court Information Technology Service Center, Anhui Zhongke Guojin Intelligent Technology Co., Ltd. The company, Hefei Public Security Bureau, Beijing Yinhu Intelligent Power Technology Co., Ltd., Zaozhuang Cybersecurity Protection Center, and Anhui Anze Think Tank Consulting Co., Ltd. company. The main drafters of this document are. Zhou Chaonan, Ru Peng, Su Jun, Zhao Wenhui, Zhao Yandong, Huang Xiaoru, Xu Jingting, Shang Erping, Huang Cui, Wang Yun, and Fu Wei. Li Li, Zhang Xian, Zhu Jing, Shen Cheng, Feng Zhangwei, Zhong Jun, Wang Yongjie, Chen Zhigang, Chen Junhua, Jiang Xue, Wei Yuming, Lü Liyuan, Sun Hao, Jin Lu, Kang Zheyu Lü Lingguang, Yang Zhi, Wang Xiaoyan, Chang Qiguang, Huang Keman, Gong Min, Zhang Yunliang, Yang Yang, Liu Yue, Guo Teng, Chen Dan, Luo Siqi, Shen Yutian.

Human society is moving towards an intelligent society supported by artificial intelligence as a key technology. Summarizing and forming experiences and norms for the development and governance of an intelligent society is crucial. Laws and theories, proactively exploring standards and norms for the development and governance of an intelligent society, and improving the systems and mechanisms adapted to the development and governance of an intelligent society will have It effectively supports the modernization of the national governance system and governance capabilities. Artificial intelligence social experiments are a key method for exploring the development and governance paths of intelligent societies, and also a standardization approach for the development and governance of intelligent societies. One of the fundamental methods. Through conducting long-term, wide-area, multidisciplinary artificial intelligence social experiments, it systematically identifies, defines, observes, and evaluates... This paper analyzes the impact of specific intelligent technologies on social application scenarios, examines potential governance challenges, summarizes countermeasures, and formulates solutions and norms. It is of great significance to reasonably regulate the social risks of technology application and promote the healthy development of technology. my country has established a national standards system to support social experiments in artificial intelligence. Within this system, GB/T 46802 "Artificial Intelligence..." is a standard that... The purpose of the "Guidelines for

Implementing Social Experiments in Artificial Intelligence" is to provide the basic principles, procedural stages, and details of each stage of implementing social experiments in artificial intelligence. This document provides operational and management methods to serve as a reference and guide for relevant technical, application, and research entities engaged in social experiments related to artificial intelligence. The development of social experiments related to artificial intelligence will improve the scientific rigor and standardization of the experiments. Guidelines for Implementing Social Experiments in Artificial Intelligence

1 Scope

GB/T 46802-2025 is the Chinese national standard covering studying what an AI system does to the people it is deployed among - the design of the experiment, the consent and the ethics review, the indicators of social effect, and the reporting of results that may be unwelcome. It is an unusual document: a standard for measuring the social consequences of a technology while it is being introduced rather than afterwards. 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 establishes the basic principles and phased procedures for organizing and implementing social experiments in artificial intelligence, and provides guidelines for organizational application and scientific measurement. Guidance and suggestions on operational and management methods in the three stages of quantity, comprehensive feedback, etc. This document is intended to guide relevant parties, including those involved in the social experimentation and application of artificial intelligence, research, and technology, in implementing artificial intelligence. Social experiments also provide practical references for relevant entities to conduct social impact assessments of the application of intelligent technologies.

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 46799 Guidelines for the Evaluation of Social Experiments in Artificial Intelligence

GB/T 46801 Guidelines for the Design of Social Experiments in Artificial Intelligence

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Introducing specific artificial intelligence technologies into social activities creates AI application scenarios. Through experimental design, the general meanings within these scenarios are explored. Sexual influence is transformed into a measurable variable with clear connotations and precise concepts, and scientific methods are used to track and analyze it at the micro-individual and meso-group levels. This study examines the development and changes in the social system, including its structure and macro-level mechanisms, to comprehensively assess the actual impact and potential risks of artificial intelligence applications, and then proposes countermeasures and recommendations. process. Note

1. Artificial intelligence social experiments mainly employ four types of methods. natural experiments, field experiments, survey experiments, and computational experiments. Note

2. Social experiments with artificial intelligence typically include three experimental phases. organizational application, scientific measurement, and comprehensive feedback. [Source: GB/T 46801-2025, 3.1]

3.2 experimental scenario The specific background and environment in which social experiments on artificial intelligence were conducted.

Note. The experimental scenario includes the location, conditions, and relevant contextual factors of the experiment, covering the physical space, equipment, and material configuration of the experiment, as well as the factors related to the experiment. Other elements related to the purpose and research question.

3.3 experimental subject In artificial intelligence social experiments, individuals, organizations, groups, or phenomena are selected by researchers or research teams for observation, investigation, or experimentation.

3.4 The characteristics, attributes, or quantitative indicators that are observed, measured, or recorded in social experiments involving artificial intelligence.