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Artificial intelligence - Specifications for embodied intelligence data quality - Part 1: Real data

人工智能 具身智能数据质量规范 第1部分：真实数据

(English Translation)

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Foreword

GB/Z 218.1-2026 is a national guiding technical document (GB/Z) of the People's Republic of China, issued on 27 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China.

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1 Scope

Embodied intelligence systems, such as robots that learn from physical interaction, depend on the quality of the data they are trained on. This document is Part 1 of a series on data quality specifications for embodied intelligence and covers real data, meaning data collected from the real world. According to its scope, it establishes the data quality evaluation indicators, specifies the data quality requirements, and describes the evaluation methods. It applies to quality control and evaluation of real-world embodied intelligence data, including data gathered from real machines and human demonstrations.

The document looks at both process quality and content quality, with evaluation methods for each, and includes two normative annexes on dynamic change detection and time-series analysis. It is a GB/Z document, so it gives guidance and not mandatory requirements.

Robot makers, data collection and annotation service providers, AI researchers and dataset buyers are its natural readers. Issued on 27 August 2026 by the national standardization administration.

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