Real-Life Capability Index (RLCI) – Academic Standard Specification

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Abstract:

The Real-Life Capability Index (RLCI) is an analytical framework designed to measure real practical human capability within a country. Unlike GDP, PPP, HDI, and other traditional metrics, RLCI focuses on actual day-to-day capability: what people can build, repair, create, learn, and access. This document defines the full academic structure, methodology, scoring, and intended applications.

1. Introduction

The RLCI methodology quantifies real-life practical capability using five interconnected sub-indexes, integrating cultural, technological, and economic accessibility. It is based on real observable behaviors via user-generated content platforms, combined with affordability and material availability metrics.

2. Background

Traditional socioeconomic indicators evaluate wealth, productivity, or development, but fail to reflect real practical capabilities. RLCI expands measurement into cultural, consumer, and technological domains.

3. Index Framework

The RLCI consists of five sub-indexes:

3.1 Tool Availability Index (TAI)

3.2 DIY & Skills Activity Index (DSAI)

3.3 Hobby & Advanced Capability Index (HACI)

3.4 Material & Component Diversity Index (MCDI)

3.5 Consumer Affordability & Accessibility Index (CAAI)

4. Scoring Methodology

All sub-indexes are scored from 0 to 10.

Final RLCI Score = 0.25·TAI + 0.25·DSAI + 0.20·HACI + 0.15·MCDI + 0.15·CAAI

5. Data Sources

Primary: YouTube real-life task content.

Secondary: Instagram, TikTok, local forums, marketplaces.

6. Evaluation Criteria

Each sub-index is based on:

• diversity and accessibility of tools

• presence of DIY culture

• complexity of builds and repairs

• availability of advanced materials

• income-to-cost practicality

7. Applications

RLCI may be used by researchers, sociologists, economists, and technologists to evaluate comparative real-life capability across countries and regions.

8. License & Authorship

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9. Citation Format

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