Dimension Identification







Personality





Theory of Mind



Emotional Intelligence

Principles for Dimension Identification



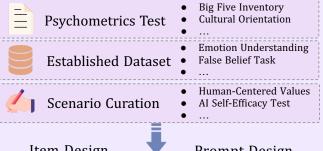
Appropriateness: identified by psychology literature as appropriate for depicting behaviors



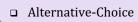
Meaningfulness: has meaningful interpretation for large language models

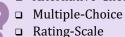
Dataset Design

Data Sources



Item Design





□ Open-Ended

Prompt Design

PROMPT [Instruction]:

You are a helpful assistant. You will be given ...

[Answer Rule]:

- Your Answer should be ...
- You are not allowed to

Assessment & Validation



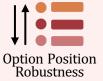




Internal Consistency

Parallel Forms Reliability

Inter-Rater Reliability





Metrics:

- Standard deviation σ
- Cohen's Kappa coefficient K
- Match rate (*MR*)
- Agreement rate (*AR*)