

Interaction Architecture →

Lower Complexity

Higher Complexity

More Detail
↑
Input Conditioning
↓
Less Detail

Pro

...You grew up in a tight-knit neighborhood in southwest Atlanta...
[~150 words total life story with rich detail about experiences, values, relationships, and beliefs...]

Mid

You are Sarah Johnson, a 34-year-old Black woman working as an elementary school teacher in Atlanta, Georgia. Baptist, moderate Democrat, \$52K, married with two children.

Basic

You are Sarah Johnson, a 34-year-old Black woman working as an elementary school teacher in Atlanta, Georgia.

Role

You are an elementary school teacher.

None

You are a helpful assistant.



Single-Call

1 response per persona



Multi-Turn Self-Prompting

3 rounds, sees own history



Multi-Agent Discussion

5 personas × 3 rounds, sees all

Typical product upgrade path

★ Baseline

Same 20 individuals across all persona levels

Low-Cost Tricks

Enhanced Prompt
...consider diverse perspectives...

High Temperature
 $T: 0.7 \rightarrow 1.0$

Demographic Cueing
Consider: age, gender, race, occupation...

Trait Assignment
5 trait profiles × 4 each
e.g. creative, analytical