## **Philosophical Text Processing** Text (1)Chunks of 4 Begin book 1 **Text** Vectors of Book 1 Split long text into small chunks. Embedding 4 Vector book 1 Model base Embed text into vectors. Vectors of paragraphs Chunks of book 2 (3) Store vectors into a base. Book 2 Vectors of book 2 (4) Retrieve vectors of specific authors. (5) LLM conducts QA. **(5) Human experts Attributes of** (7)references **6** Evaluate answers and improve the **Target** LLM prompts. <Type> dataset <Intertextual> **7** Store correct answers to form the <Semantic> target dataset. **Prompt Engineering** Adjustable Prompt chaining (PC) **Few-shot instances Role-playing** A1: [Answers for Q1]/ Form a loop: $(1) \sim (6)$ **Examples for QA:** i.e. [References in text] **Engineered Prompt** You are a philosopher. **Context a:** [Sentences of author a] You are good at A a-1: [Answers for Q1] + literature review... A a-2: [Answers for Q2] ... **Ouestions Context b:** [Sentences of author b] Chain of thought Q1 (w/o PC): ... Q2: ... Q3: ... Q4: ... Let's think step by step.