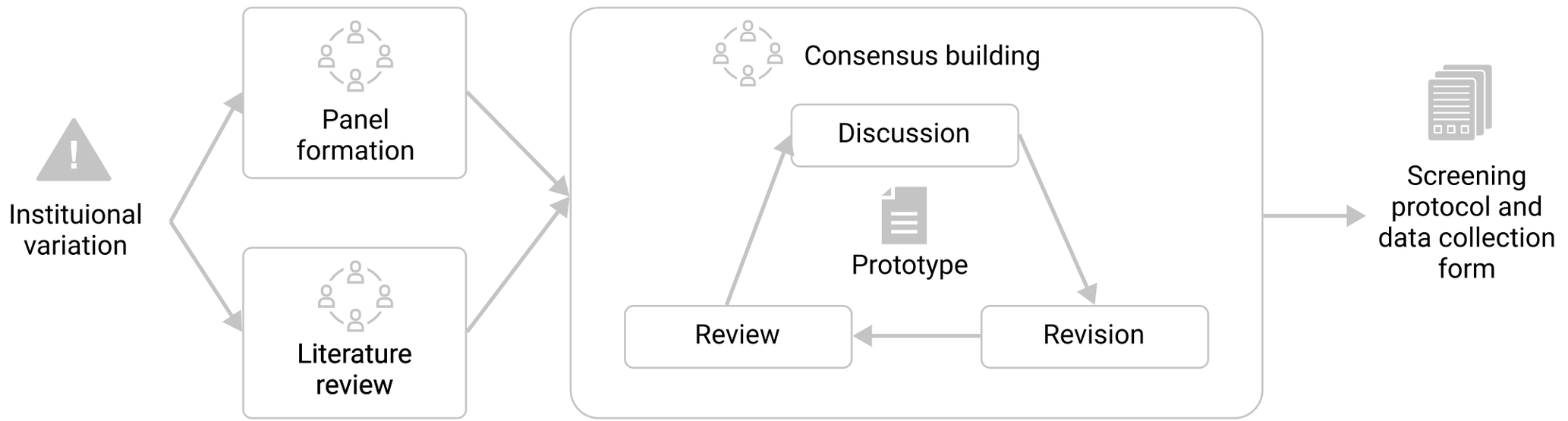
1. Protocol Development



Recommendations for Data Quality

Instituitional variation

- Compare clinical guideline, protocol, and definition

Human factor and coginitive bias

- Consensus development
- Rigor discussion about the choose of measurements and data collection points

Recommendations for Process Documentation

Study design

- Prospective disclosure of study plans, timing, and rationale for modifications

Screening protocol

- Clinical definitions of the study cohort (inclusion and exclusion criteria.) E.g., patients with clinically evident stroke any time before or up to 30 dyas after the imaning exam
- EHR definitions of the study cohort. E.g., ICD-9/10, CPT, search keyworkds