Overall Pipeline (Q1–Q4)

```
Raw Data              Preprocess              Q1 Vote Reconstruction
(scores, ranks,  →    (wide→long,       →     (MAP + constrained MCMC)
elimination)          active set)             votes → simulate
                                                        ↓
                                              Q2 Method Comparison
                                              (counterfactual simulation)
                                              disagreement → explain
                                                        ↓
                                              Q3 Factor Analysis
                                              (regression / effects)
                                              bias → redesign
                                                        ↓
Outputs                                       Q4 Mechanism Design
(metrics, insights,  ←                        (multi-objective search)
recommended rules)
```