A.

Pre-analytics
Choice of genetic testing strategy
Determination of tentative diagnosis

→

Analytical
Identification of causal variants
Prediction of clinical trajectory/outcome

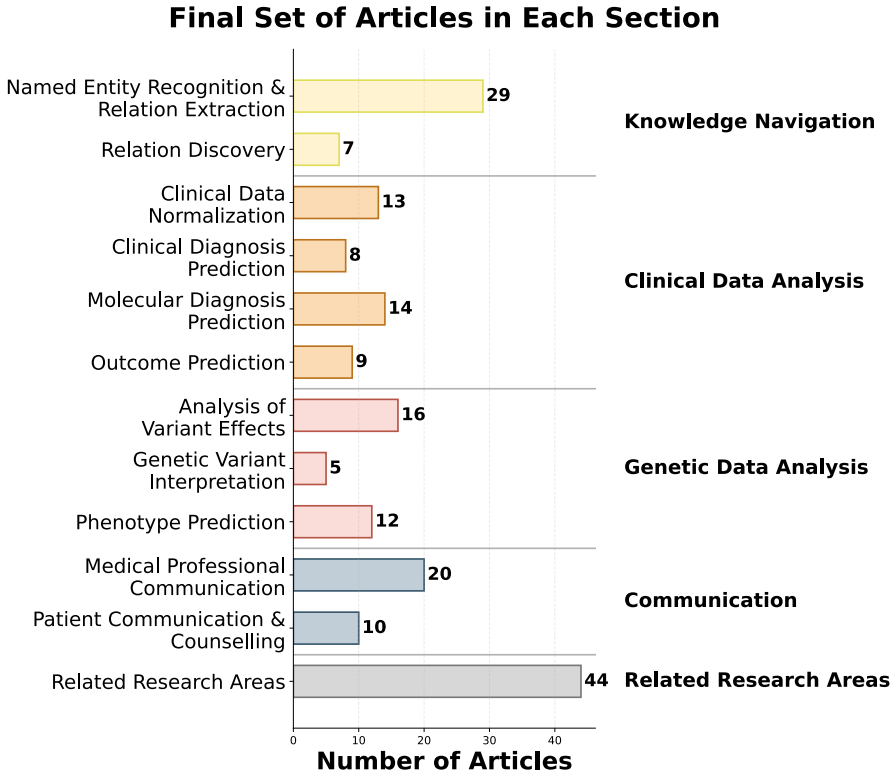
→

Post-Analytics
Patient management, genetic counselling
Decision making

B.

Knowledge Navigation
Inputs: literature, biomedical databases

Clinical Data Analysis
Inputs: EHRs, images, laboratory test results

Genetic Data Analysis
Inputs: literature, biomedical databases

Communication (with doctors/patients)
Inputs: user prompts/data