













Biological value

Improved process

Hypothesis generation, prioritization

Improved outcomes

Accelerated discovery of disease genes

Accelerated discovery of biomarkers, targets

Translational value

Accelerated discovery of biomarkers, targets

Accelerated discovery of drugs

Accelerated discovery of cohorts

Hypothesis generation for epidemiological studies

Clinical value

Improved process

Accurate "next" steps (phenotyping, sequencing, labs, treatment)

Faster, more accurate diagnoses

Faster, more accurate prognosis

Accurate prediction of treatment response

Improved outcomes

Lower costs Improved health