FARGEN-HEALTH

- a population based initiative towards precision medicine

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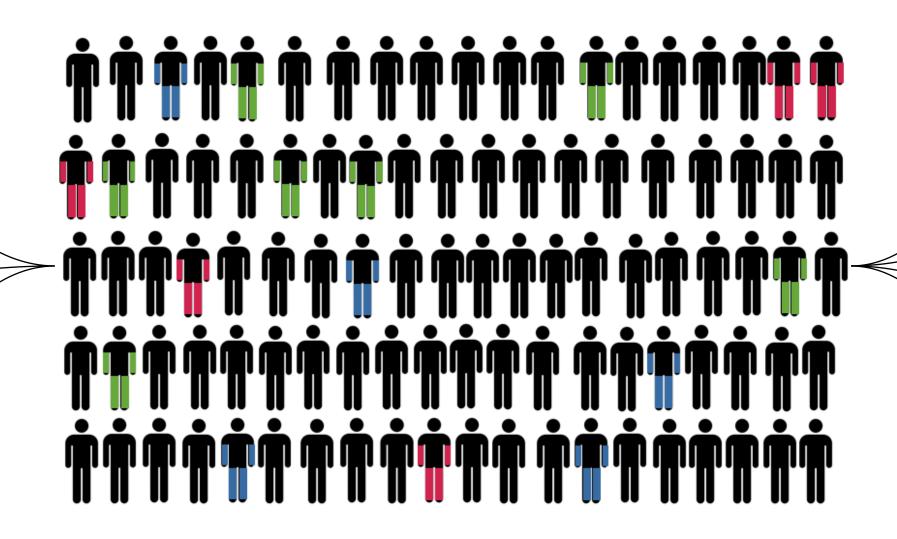
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FarGen-Health cohort — 5000 individuals

Genetic analysis
2000 exome
100 genome
2900 genome chip

Biochemical analysis 5000

Microbiome analysis 5000



Questionnaires

Body measurements

Medical records

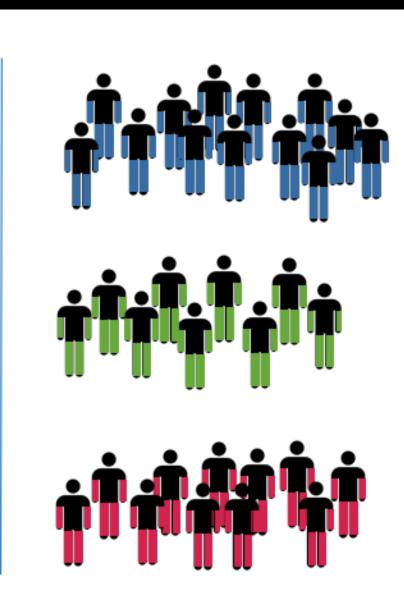
Pharmaceutical records

Multidimensional data analysis

Faroese reference genome

Founder mutations

Common genetic risk factors



Disease susceptibility

Pharmacogenomics

Gene/environment risk

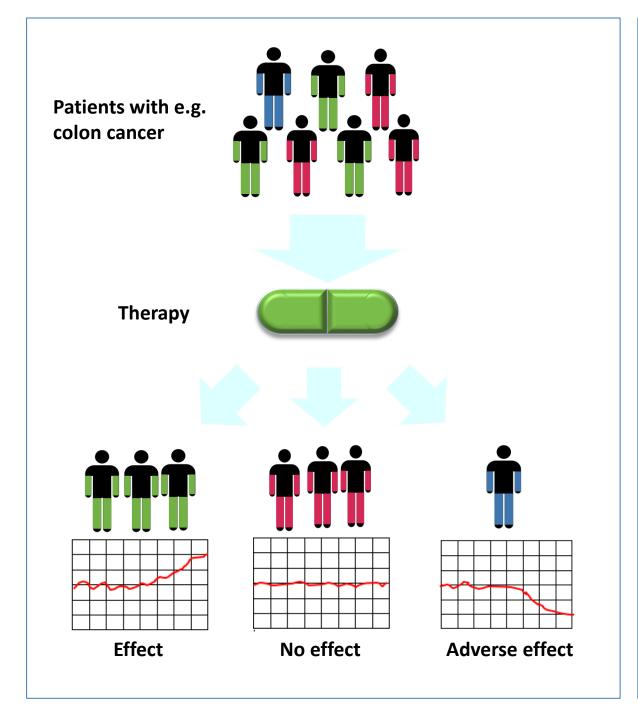
Precision medicine

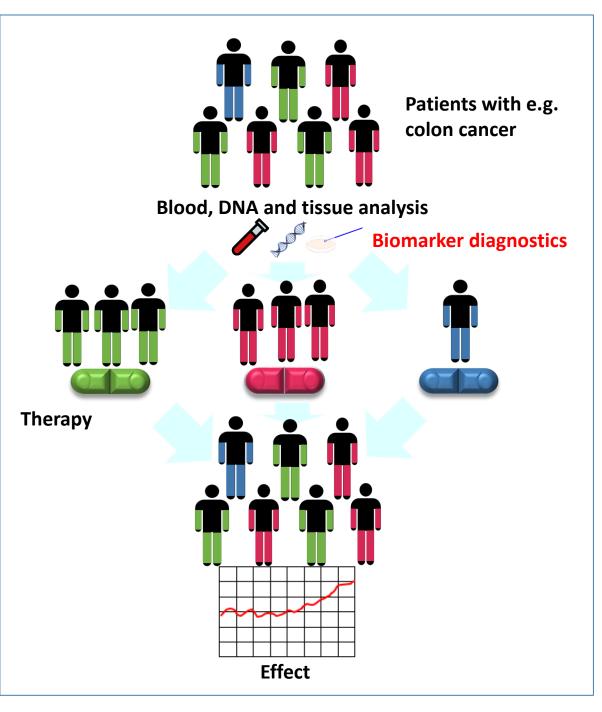
Disease screening

Polygenic risk score

Public Health

Predictive biomarkers





Therapeutic decisions

Genetic counselling

Early disease detection

Better prognosis







