Disease probability

Very high

High

Medium

Low

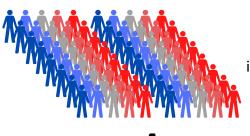
Very low

Disease status

Positive

Negative

Cross-sectional



All individuals under suspicion of a given disease in the setting of interest (e.g., community, local hospital etc.)





test





cfDNAm, RNAseq, etc.







Y = 0



Y = 1

Case-control

Asymptomatic individuals, university students, patients from other hospital departments etc.



Available controls





Y = 0



Symptomatic individuals, hospitalized patients, frozen tumor samples from previous studies etc.





Available cases



Y = 1



