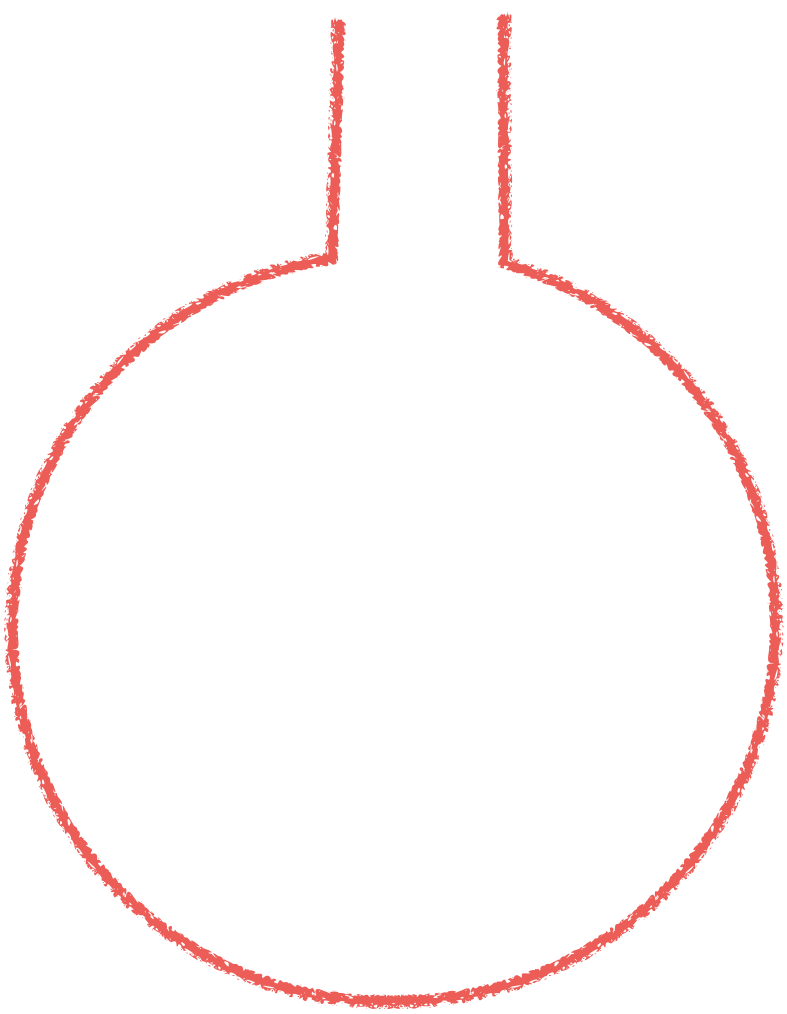


Over-representation analysis















































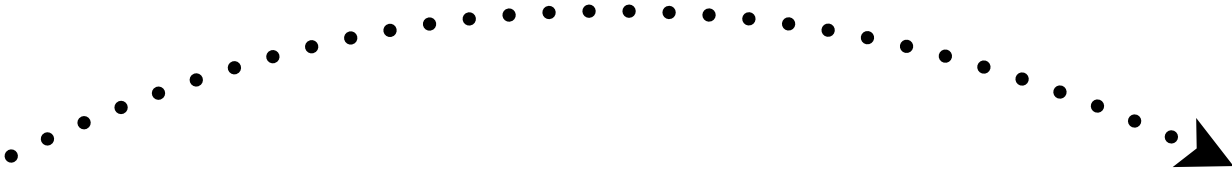






Jar with 10000 marbles

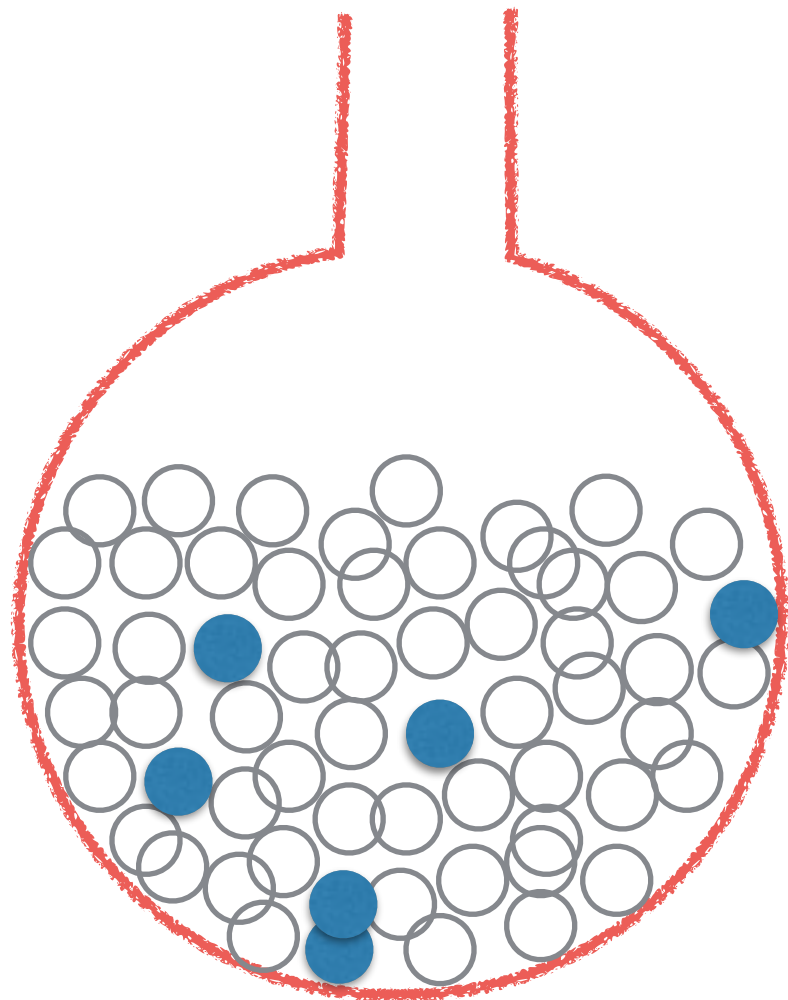
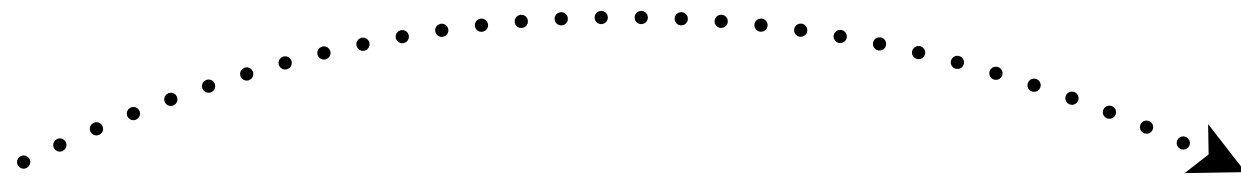
8000 white, 2000 blue



Remove 20

How many white and blue
do you expect?

Over-representation analysis

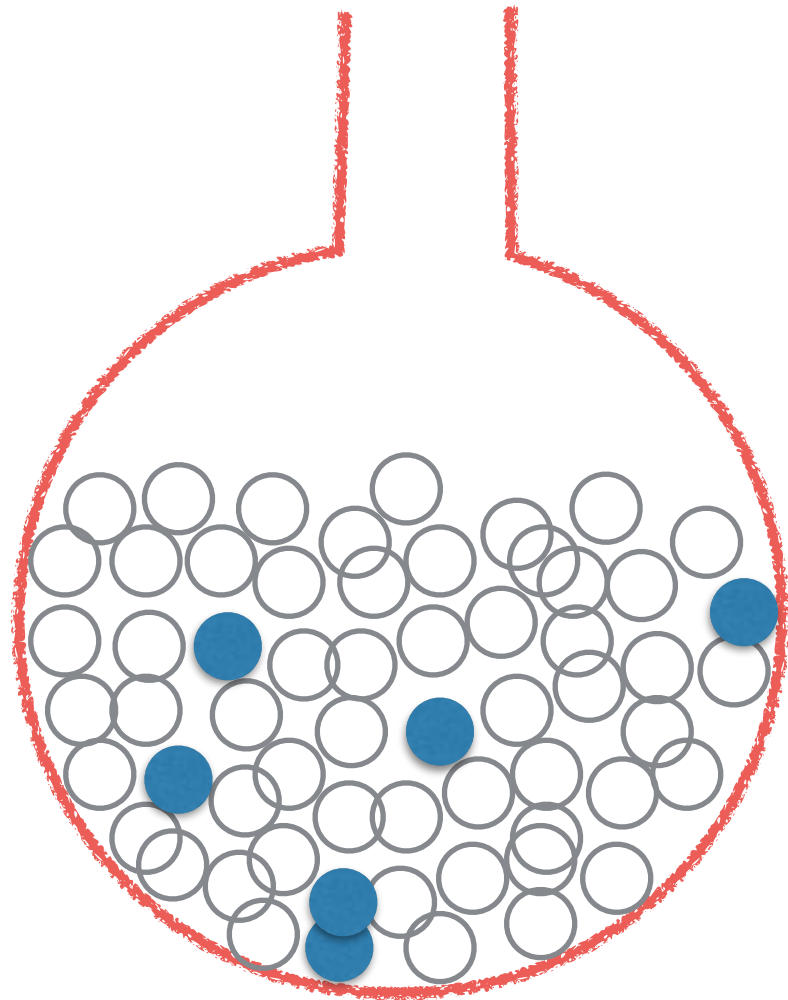
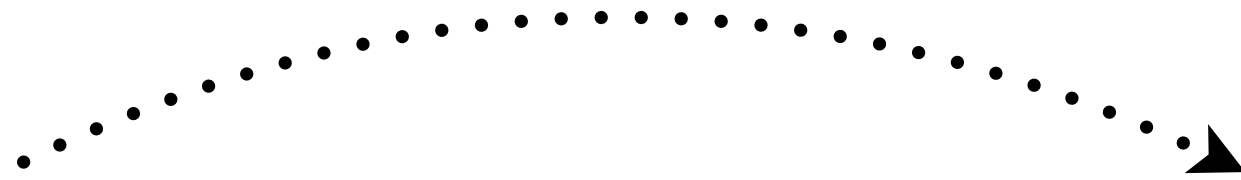


What if you find
10 white and 10 blue?

Blues are **over-represented**
in your sample

Jar with 1000 marbles
800 white, 200 blue

Over-representation analysis



Remove 20
How many white and blue
do you expect?

Jar with 1000 marbles
800 white, 200 blue