

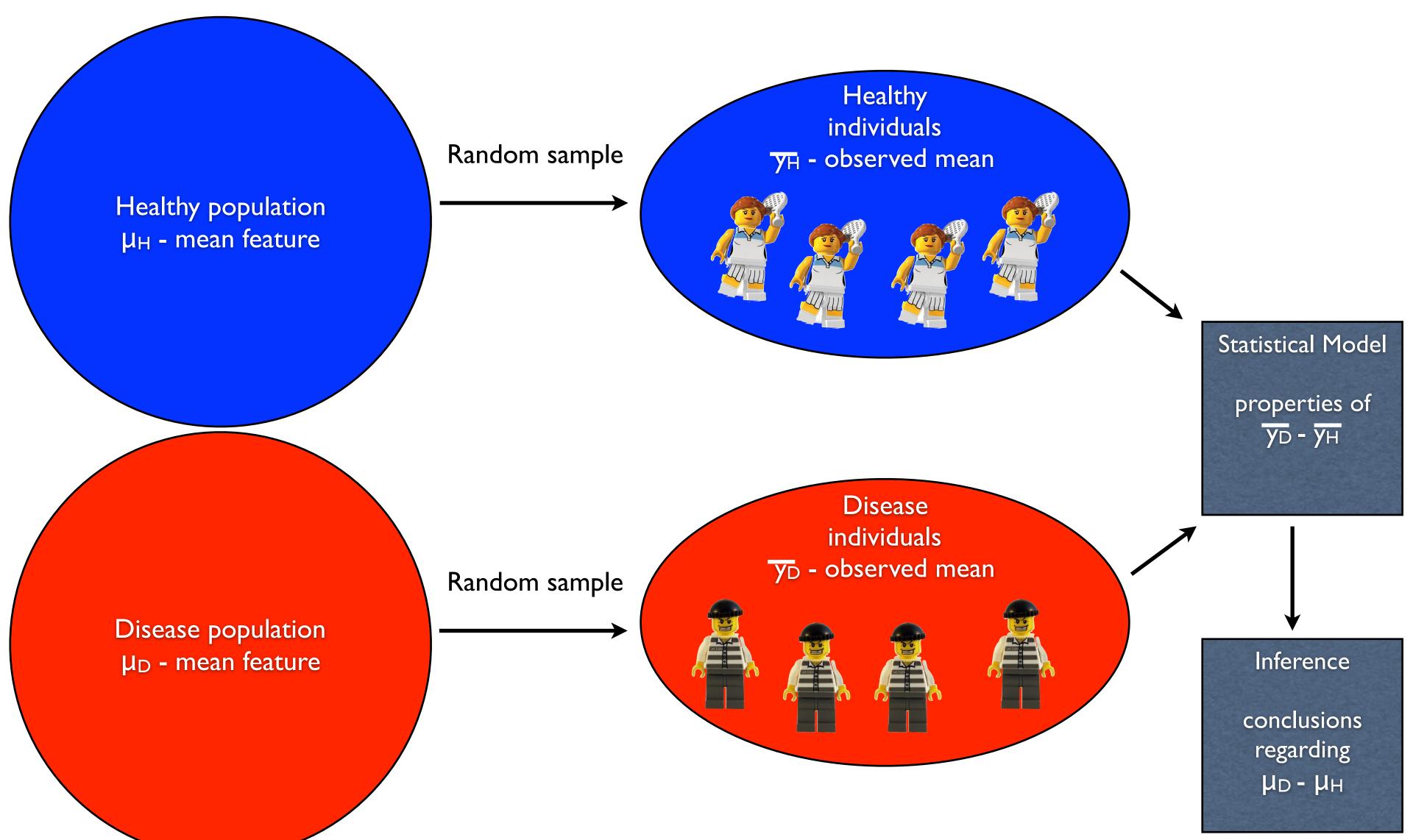
Linear Models

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Statistical inference procedure



Statistical Tests

 Does our statistical model explain more of the variance in the data than expected by chance? You have observel a set of samples E(xi, yi)

You have observel a set of samples E(xi, yi) elx-b

$$\begin{aligned}
&= (x) = ax + b \\
&= (y - f(x)) \\
&= (x) - f(x) - f(x) \\
&= (x) - f(x) - f(x) \\
&= (x) - f(x) - f(x) - f(x) \\
&= (x) - f(x) -$$

y~X