# Fitts’ and Hick’s Law

HCI

* Info processing
* Individual experience
* Practices

Laws

* Fitts’ law more about response time
* Useful for evaluating systems for which the time to locate an object is important e.g phones
* Take distance and size of objects into account
* Tmsec=a+b log2(d/s+1)
* D=distance S=width
* Hick’s law more about decision making time
* Estimate how long it will take for people to make a choice when presented with a choice of items
* RT=a+b log2(n)
* RT=response time
* A=total time not involved in decision making
* N=number of choices