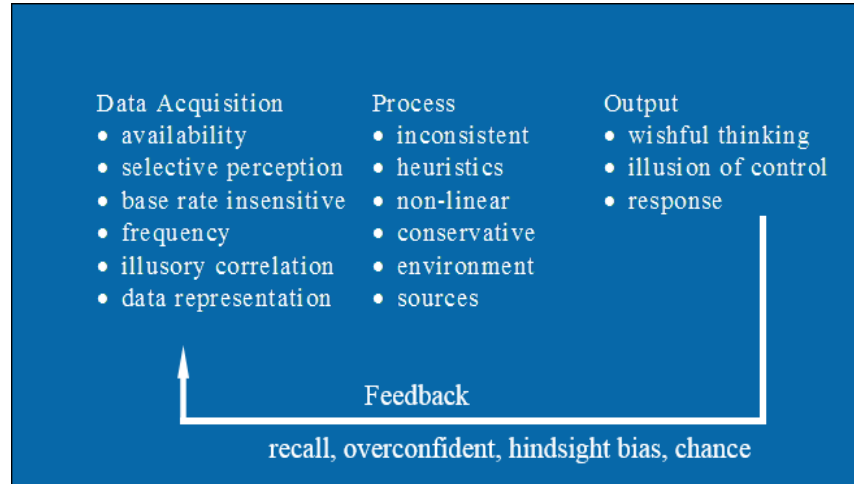


Biases in Human Prediction



adapted from Hogarth, 1988

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Comparative Effectiveness

Benefits	Treatment options	
	T1	T2
B1		
B2		
Harms		
H1		
H2		

Probabilities go here

Must tailor the probabilities to the individual patient.

SOURCE: Kattan MW, *Med Decis Making*, 2009.

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<http://rcalc.ccf.org>

Cleveland Clinic Risk Calculator Library
Department of Quantitative Health Sciences

SELECT A CONDITION ▾

BENIGN PROSTATIC HYPERPLASIA
For Patients Receiving Dutasteride Therapy

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Conclusions

More accurate predictions can be helpful for a lot of things!	The most accurate predictions presently available should be used, and these are likely from statistical prediction models.
Personalized predictions are key to effective informed consent and are the backbone of medical decision making.	Clinician judgment, risk groups, risk factor counting, and overall treatment effects from RCTs, are all less helpful.

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