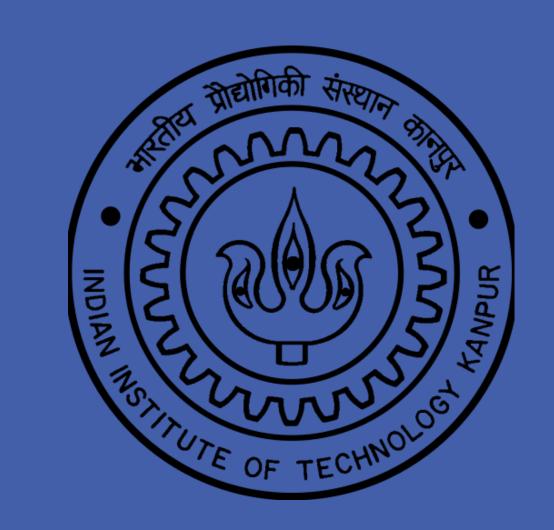


Hindsight Bias

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INTRODUCTION

- Hindsight bias is the tendency to associate the happening of events with more probability after they have occurred than before they had occurred.
- Qualitative errors are those that result when the subject substitutes the correct answer for their original answer in their recall.
- Quantitative errors result from them forgetting their original answer and recalling an answer closer to, but not equal to, the correct answer.

MOTIVATION

- Lifespan developmental studies can inform theory and practice in terms of how and when biases form and change.
- It may be of significance in developmental psychology like in Theory of Mind(TOM)

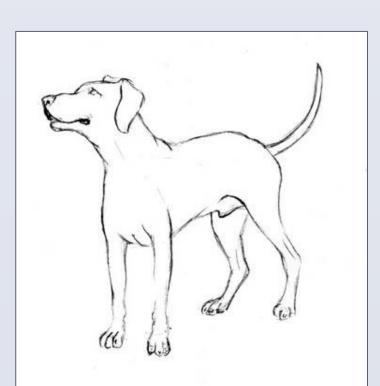
METHODOLOGY

- People from different age groups (9 22 years) were administered different hindsight tasks.
- Later only one half of them learnt the correct answer to the questions and the other half served as the control group.
- The extent to which participants recalled their original answers as being closer to the correct answers in the experimental condition than in the control condition reflects hindsight bias.
- The hindsight bias will involve the following tasks:
 - Verbal Hindsight Task
 - Visual Hindsight Task









Visual Hindsight Task

REFERENCES

ANALYSIS

Irrespective of age, everyone

Control Experiment confirms

A gradual increase in the HB

index was noticed with respect

that the effect is caused by

exhibits hindsight bias.

Hindsight Bias.

to age.

- 1. Bernstein et al (2011)
 Hindsight Bias across 3 to 95
 years of age
- 2. Bernstein et al (2004) We Saw It All along: Visual Hindsight Bias in Children and Adults

RESULTS

Hindsight Bias index (HB) = |OJ - CJ| - |RJ - OJ| where OJ = Original Judgement

RJ = Recollection Judgement and CJ = Correct Judgement

PREVIOUS WORK Hindsight Bias as a phenomenon has been studied extensively

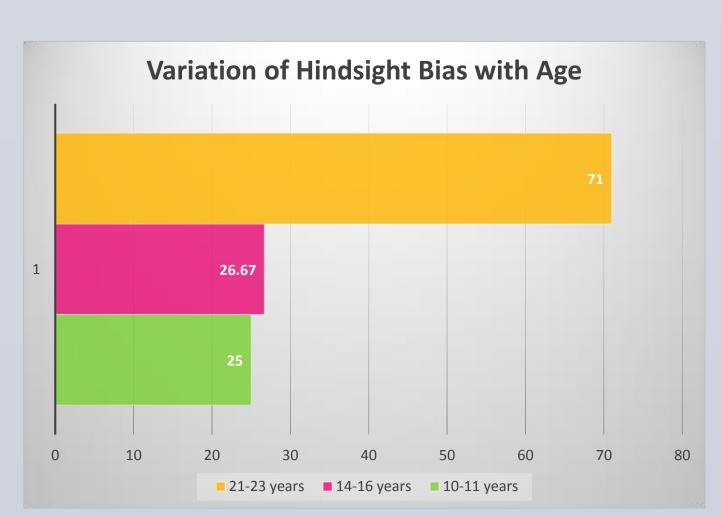
• In the earlier seventies research in this field was primarily led by **Traversky** and **Kahneman**.

over the years.

 Bernstein et al studied the effect across various age groups and showed a qualitative v/s quantitative bias between children and adults.









FUTURE WORK

- 1. Study the effect of age and/or gender on the development of hindsight bias.
- 2. Study the effect of ethnicity in the development of hindsight bias