# CAREER: Belief Formation in Verification Strategies

2019 NSF EDSE Workshop

Dr. **Alejandro Salado** Assistant Professor

Grado Department of Industrial & Systems Engineering



### What is the **HARDEST** thing **engineers** do?



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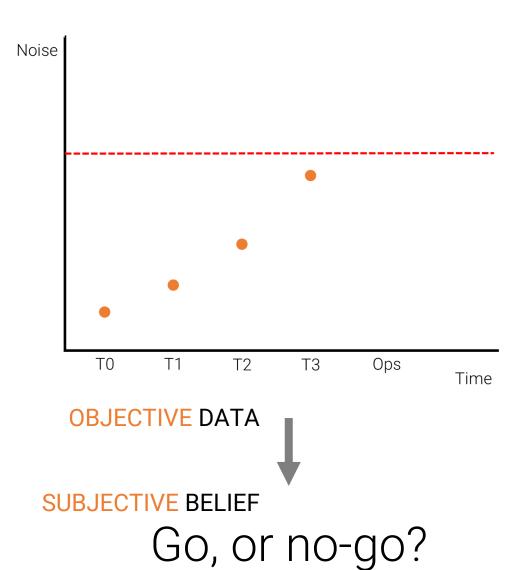


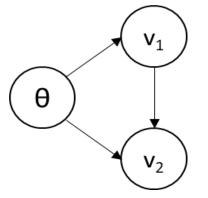






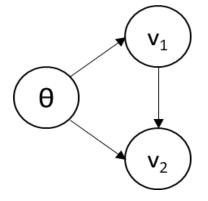








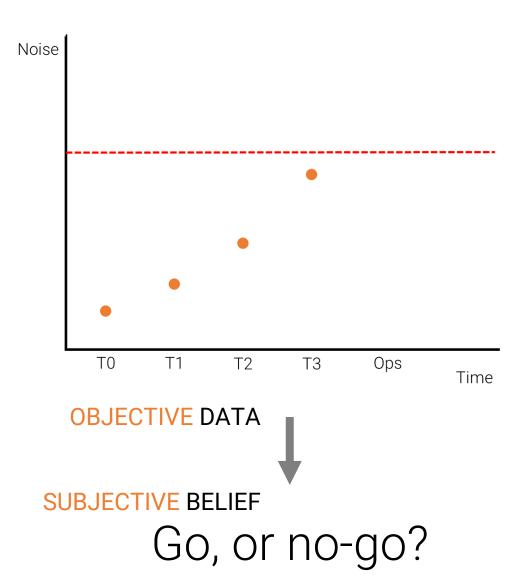


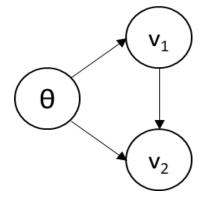


Requirements
Verification matrices
Verification reports

...



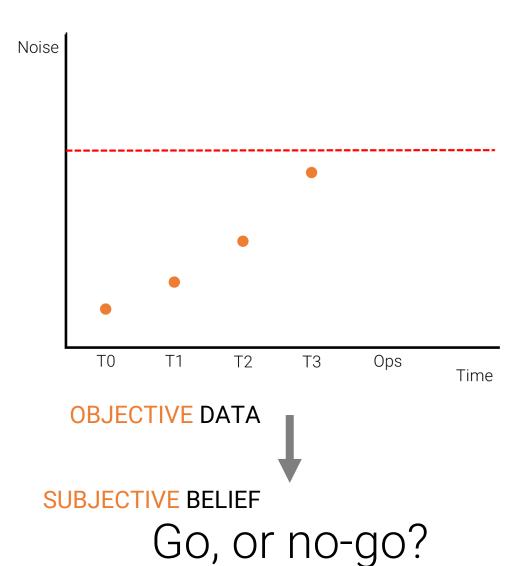


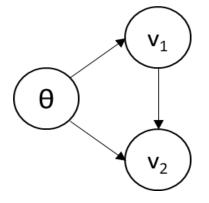


Requirements Verification matrices Verification reports

Direct elicitation







Requirements
Verification matrices
Verification reports

Direct elicitation

Behavior prediction



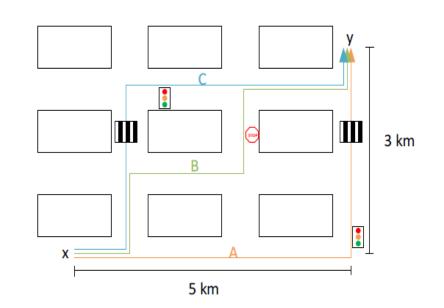


Validity of solution based on elements found in the **contextual** scenario





Validity of solution based on elements found in the **contextual** scenario



Focus on **breaking** the solution, not on justifying it



## THANK YOU

asalado@vt.edu

