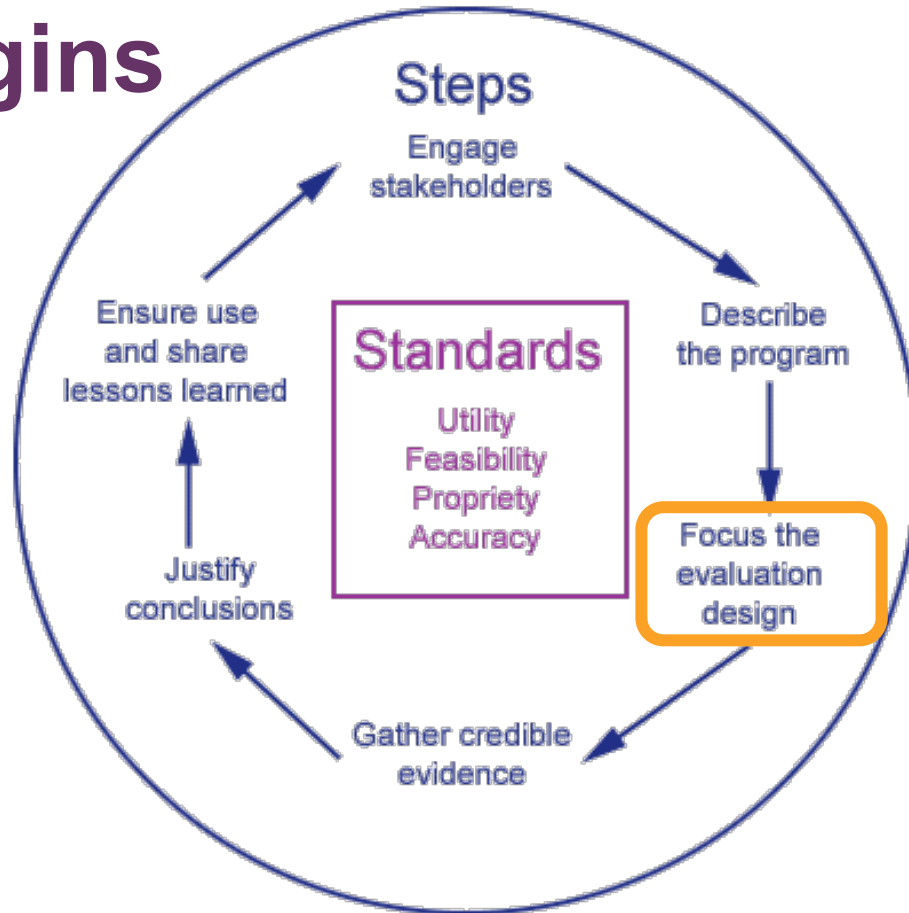
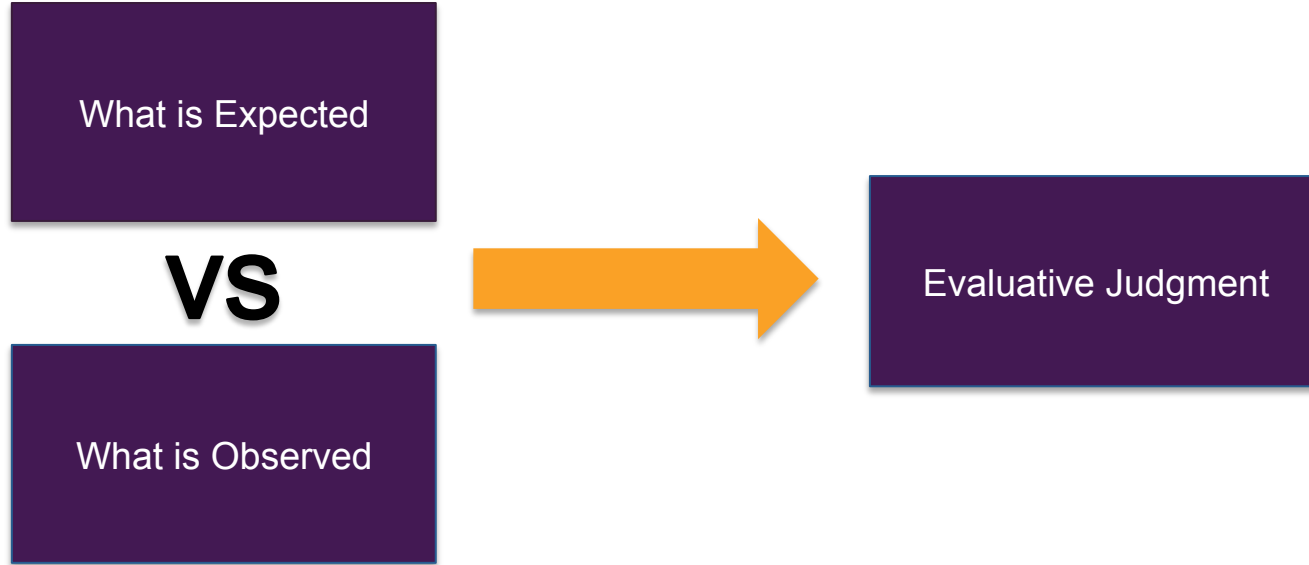

Using Crowd-Generated Evaluative Criteria

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November 12, 2015

Study Origins



Study Origins



Study Purpose

The present study sought to demonstrate the feasibility of using crowdsourcing to facilitate stakeholder-informed identification of criteria, determination of standards, and selection of relative weights for criteria.

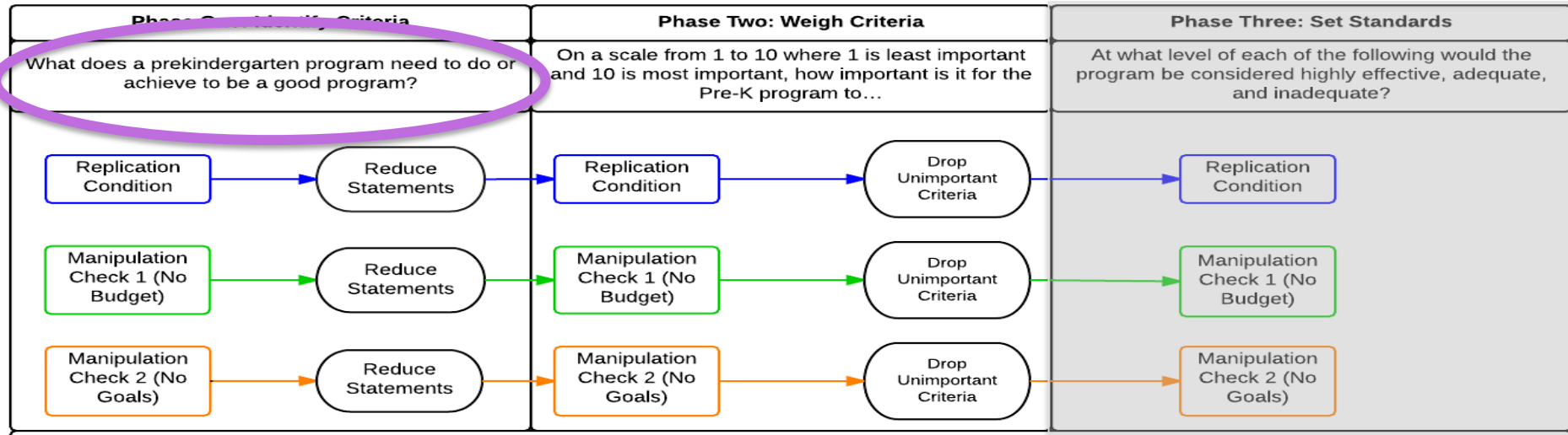
Study Design

A state-level universal pre-kindergarten program provides a full day (6.5 hours) of supervision and developmental instruction for 180 days per year, beginning in late August and ending in early June. Children who are four years old are eligible to enroll in the program without restrictions based on their parents' income. The classes are limited to 20 students who are taught by a teacher and a teacher's aide.

In 2012-2013 the program served 81,683 children, at a cost of US \$293.9 million.

The stated goals of the program are the social, emotional and cognitive development of the children as well as preparing them for success in school.

Original Study Design



What does a prekindergarten program need to do or achieve to be a good program? And how would you know the program was doing or achieving it?



If you were asked to judge the quality of the prekindergarten program, what would you look for?

A large, empty rectangular box with a thin black border, intended for a user to write their response to the question above. In the bottom right corner of this box, there is a small, faint icon of a pencil.

What does a prekindergarten program need to do or achieve to be a good program?

1

2

3

4

5

6

7

8

9

10

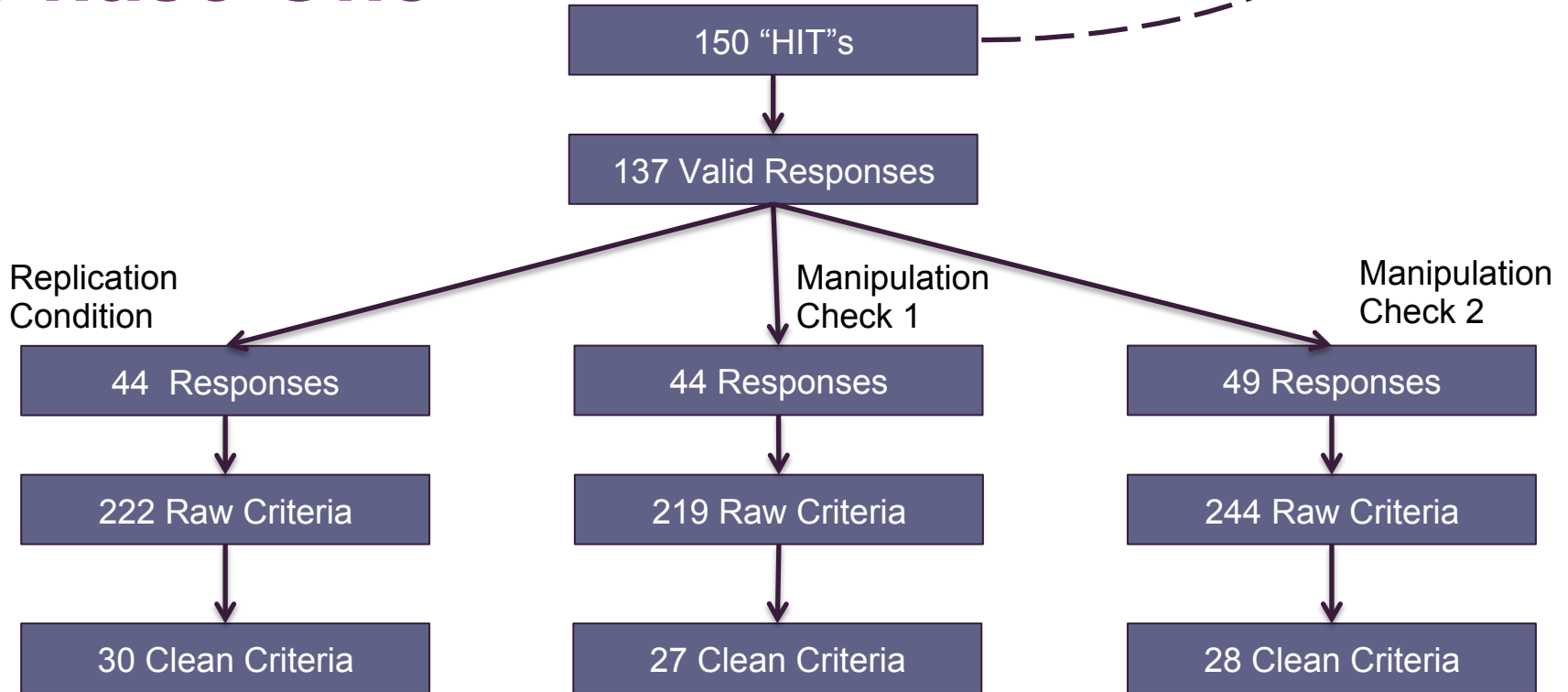
If the program successfully achieved each item, what would you observe?

be safe

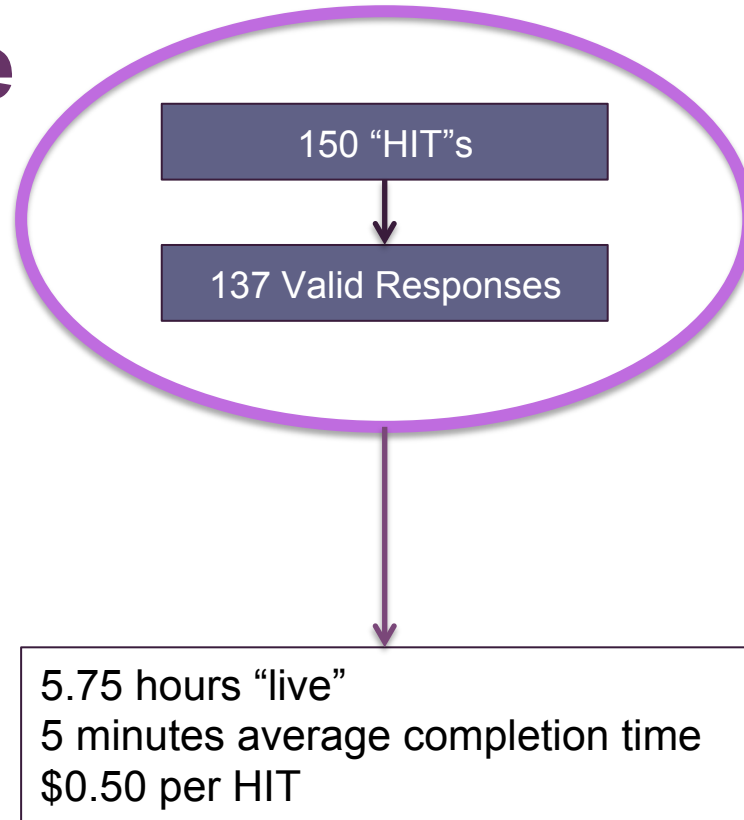
teach math

Phase One

Reminder: HITs are the tasks
you post to MTurk



Phase One

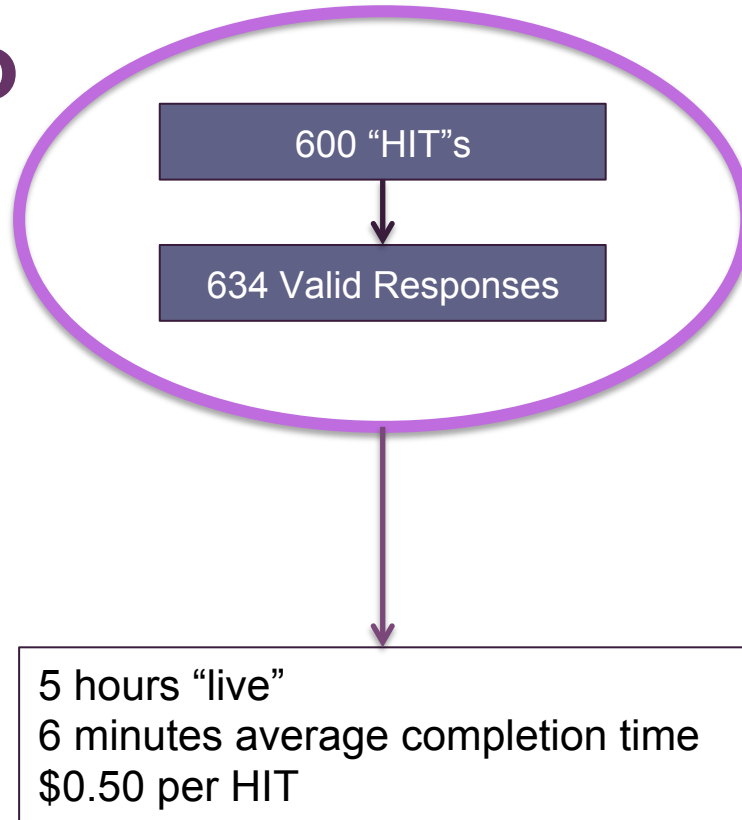


Phase Two

On a scale of 1 to 10 where 1 is least important and 10 is most important, how important is it for the prekindergarten program to...

[illegible]

Phase Two



Phase Two: Top Criteria

Be safe

Hire qualified teachers

Provide supervision

Increase children's cognitive development

Prepare children for success in school

Provide high quality developmental instruction for children

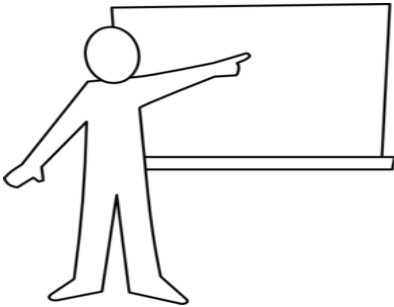
Increase children's social development

Provide healthy food throughout the day for the children

Phase Two: Demographic Differences



- * Hire Qualified Teachers
- * Provide Supervision



- * Provide Developmental Instruction
- * Provide Supervision

Just the Beginning....

Compare first trial to a second trial

Phase Three: Setting Standards

Thank you!

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