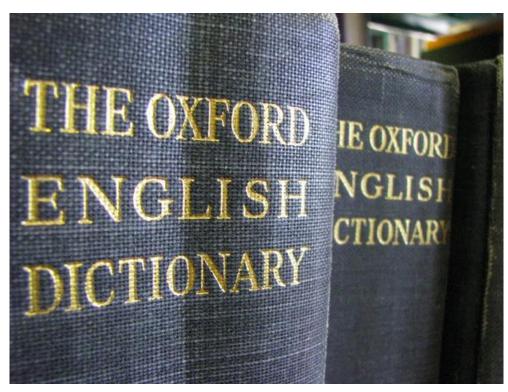
Crowdsourcing: What Is It, and How Can It Be Used in Evaluation Practice

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What is Crowdsourcing

"Paid recruitment of an independent global workforce for the objective of working on a specifically defined task or set of tasks"

(Behrend, Sharek, Meade, & Wiebe, 2011, p. 800)



Crowdsourcing

- Pay people for tasks such as:
 - Tagging pictures
 - Translating text,
 - Reviewing website content
 - Completing surveys



Subscribed workers can elect to complete set tasks for specified payments



 The largest, most well-known, and most empirically studied

 Established in 2005 to connect workers and employers

 Since its creation it has grown to host approximately 500,000 workers who are 18 years of age or older



- To access the workforce, a requester posts a "Human Intelligence Task" (HIT)
- The requester can also set prescreening qualifications :
 - E.g. location, specific age group, ethnicity, socioeconomic status, level of education, etc.
- Studies found that the data gathered from MTurk workers generally matched the reliability of other methods
 - Many of the social science experiments were successfully replicated using the MTurk sample



Your Account

HITs

Qualifications

Introduction | Dashboard | Status | Account Settings

Mechanical Turk is a marketplace for work.

We give businesses and developers access to an on-demand, scalable workforce.

Workers select from thousands of tasks and work whenever it's convenient.

214,170 HITs available. View them now.

Make Money by working on HITs

HITs - Human Intelligence Tasks - are individual tasks that you work on. Find HITs now.

As a Mechanical Turk Worker you:

- Can work from home
- · Choose your own work hours
- · Get paid for doing good work



Get Results

from Mechanical Turk Workers

Ask workers to complete HITs - Human Intelligence Tasks - and get results using Mechanical Turk. Register Now

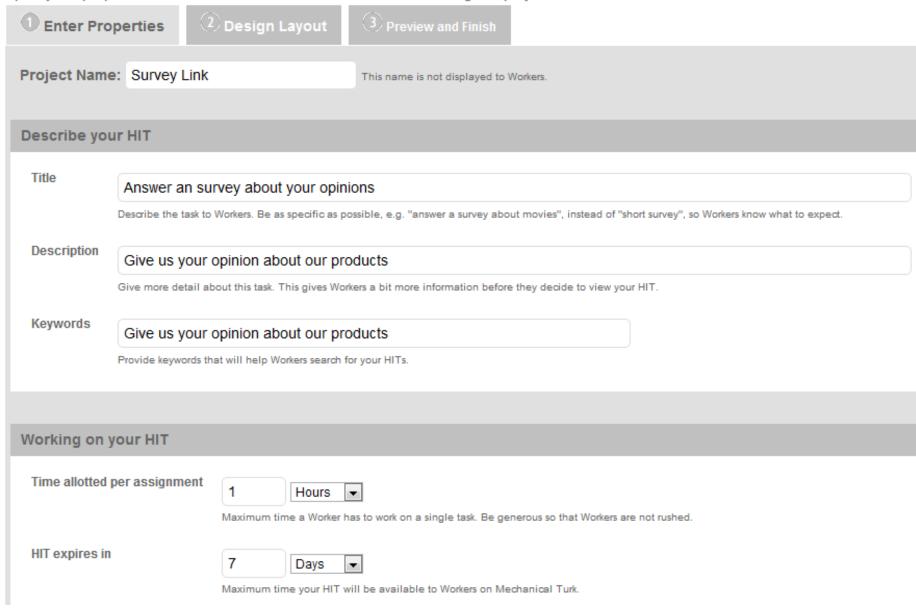
As a Mechanical Turk Requester you:

- Have access to a global, on-demand, 24 x 7 workforce
- · Get thousands of HITs completed in minutes
- Pay only when you're satisfied with the results



Edit Project

Specify the properties that are common for all of the HITs created using this project.



HITs containing 'survey'

1-10 of 309 Results

	-					
Sort by: HITs	Available (most first)	Show all deta	ils Hide all details		1	2 3 4 5 > Next >> Last
Take This Demographic and Buying Habits Survey (CA) Vie						View a HIT in this group
Requester:	CrowdSource	HIT Expiration Date:	Sep 24, 2013 (52 weeks)	Reward:	\$0.25	
		Time Allotted:	30 minutes	HITs Available:	4493	
Take This Demographic and Buying Habits Survey (GB) View a HIT in this group						
Requester:	CrowdSource	HIT Expiration Date:	Sep 24, 2013 (52 weeks)	Reward:	\$0.25	
		Time Allotted:	30 minutes	HITs Available:	4493	
Take This Dem	ographic and Buying Habits Survey ((US)				View a HIT in this group
Requester:	CrowdSource	HIT Expiration Date:	Sep 24, 2013 (52 weeks)	Reward:	\$0.25	
		Time Allotted:	30 minutes	HITs Available:	4490	
Find and list cra	aft shows, fairs and festivals in the U	<u>s</u>				View a HIT in this group
Requester:	Craft Listings	HIT Expiration Date:	Sep 21, 2013 (51 weeks 5 day	vs) Reward:	\$0.20	0
		Time Allotted:	60 minutes	HITs Available	: 1109	1
Survey about \	YouTube Channels - with Cat					View a HIT in this group
Requester:	CrowdFlower	HIT Expiration Date:	Sep 28, 2012 (4 days 5 hours	s) Reward:	\$0.05	
		Time Allotted:	60 minutes	HITs Available:	483	
Please take this survey if you have gambled in Atlantic City in the Last 12 Months						View a HIT in this group
Requester:	CrowdFlower	HIT Expiration Date:	Oct 1, 2012 (6 days 20 hours	Reward:	\$0.45	

60 minutes

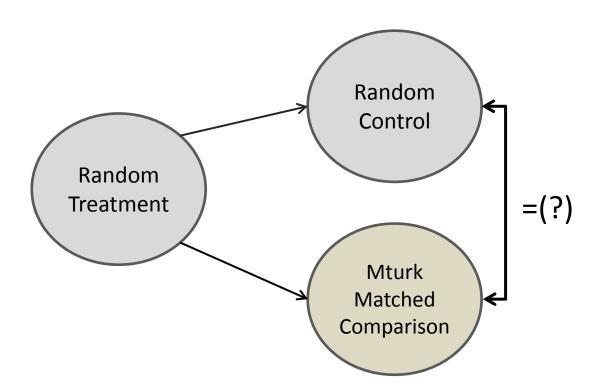
HITs Available: 165

Time Allotted:

Study

Research Question:

Are findings from an MTurk-created matched comparison group similar to findings from a randomly assigned control group?



Study

Procedure:

 Survey data collected from treatment condition, control condition, and posted on MTurk at the same time.

- An analysis was conducted comparing the:
 - Random treatment to random control
 - Treatment to matched comparison group (after propensity score matching)

Procedure

 500 surveys were collected from MTurk in less than 36 hours

• Cost for collecting the data equaled \$375 (\$,75 per survey) plus a 10% MTurk commission (\$37.50) total cost= \$412.50.

Limitations

 Online crowdsourcing can only be used for evaluations that require responses from individuals who are 18 years or older.

Important to select appropriate survey topics.

Selecting appropriate populations.

Other Potential Uses

(These ideas still need to be tested)

Crowdsourcing can be used to:

- Create pre-post designs
- Implement longitudinal designs
- Develop and refine measurement instruments
- Translate instruments
- Do some qualitative analysis
 - Rating of qualitative data
 - Transcribing
 - Identify themes

Thank You

Questions?

References

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