

How big is the MTurk Market?

Panos Ipeirotis, [Analyzing the Amazon Mechanical Turk Marketplace, 2010](#)

Methodology

- Crawl the list of HITs once per hour
- Record the
 - RequesterID
 - Number of HITs available
 - Reward amount
 - Title, description, keywords
 - Qualifications required

Number of HITs and Total Value

- From January 2009 - April 2010:
 - 165,368 HIT groups
 - 6,701,406 HITs total
 - 9,436 requesters
 - The total value of the posted HITs was \$529,259

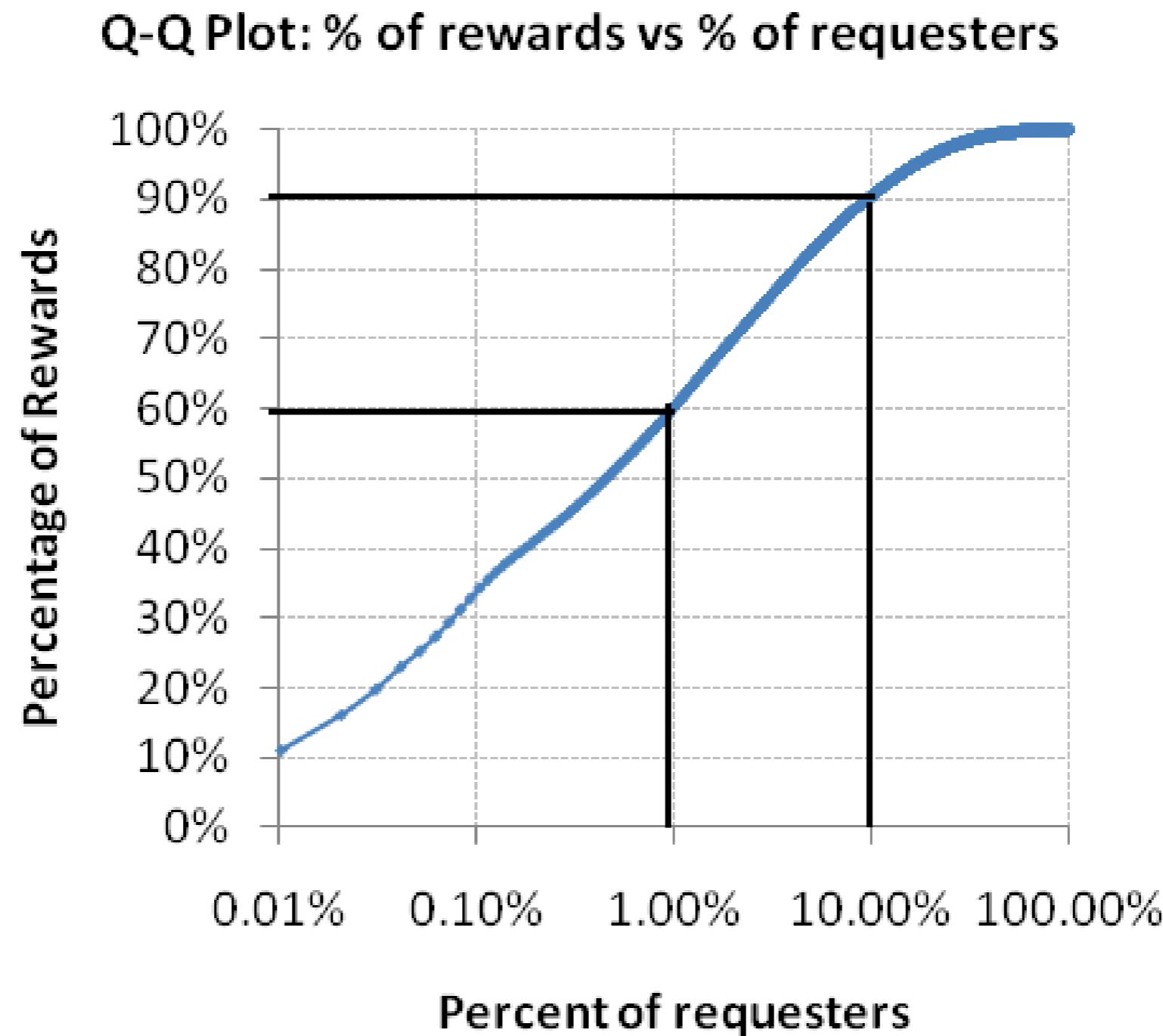
Top Requesters

Requester ID	Requester Name	#HIT groups	Total HITs	Rewards	Type of tasks
A3MI6MIUNWCR7F	CastingWords	48,934	73,621	\$59,099	Transcription
A2IR7ETVOIULZU	Dolores Labs	1,676	320,543	\$26,919	Mediator for other requesters
A2XL3J4NH6JI12	ContentGalore	1,150	23,728	\$19,375	Content generation
A11970GL0WOQ3G	Smartsheet.com Clients	1,407	181,620	\$17,086	Mediator for other requesters
AGW2H4I480ZX1	Paul Pullen	6,842	161,535	\$11,186	Content rewriting
A1CTI3ZAWTR5AZ	Classify This	228	484,369	\$9,685	Object classification
A1AQ7EJ5P7ME65	Dave	2,249	7,059	\$6,448	Transcription
AD7C0BZNKYGYV	QuestionSwami	798	10,980	\$2,867	Content generation and evaluation
AD14NALRDSN9	retaildata	113	158,206	\$2,118	Object classification
A2RFHBFTZX7UN	ContentSpooling.net	555	622	\$987	Content generation and evaluation
A1DEBE1WPE6JFO	Joel Harvey	707	707	\$899	Transcription
A29XDCTJMAE5RU	Raphael Mudge	748	2,358	\$548	Website feedback

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A few requesters offer most of the rewards

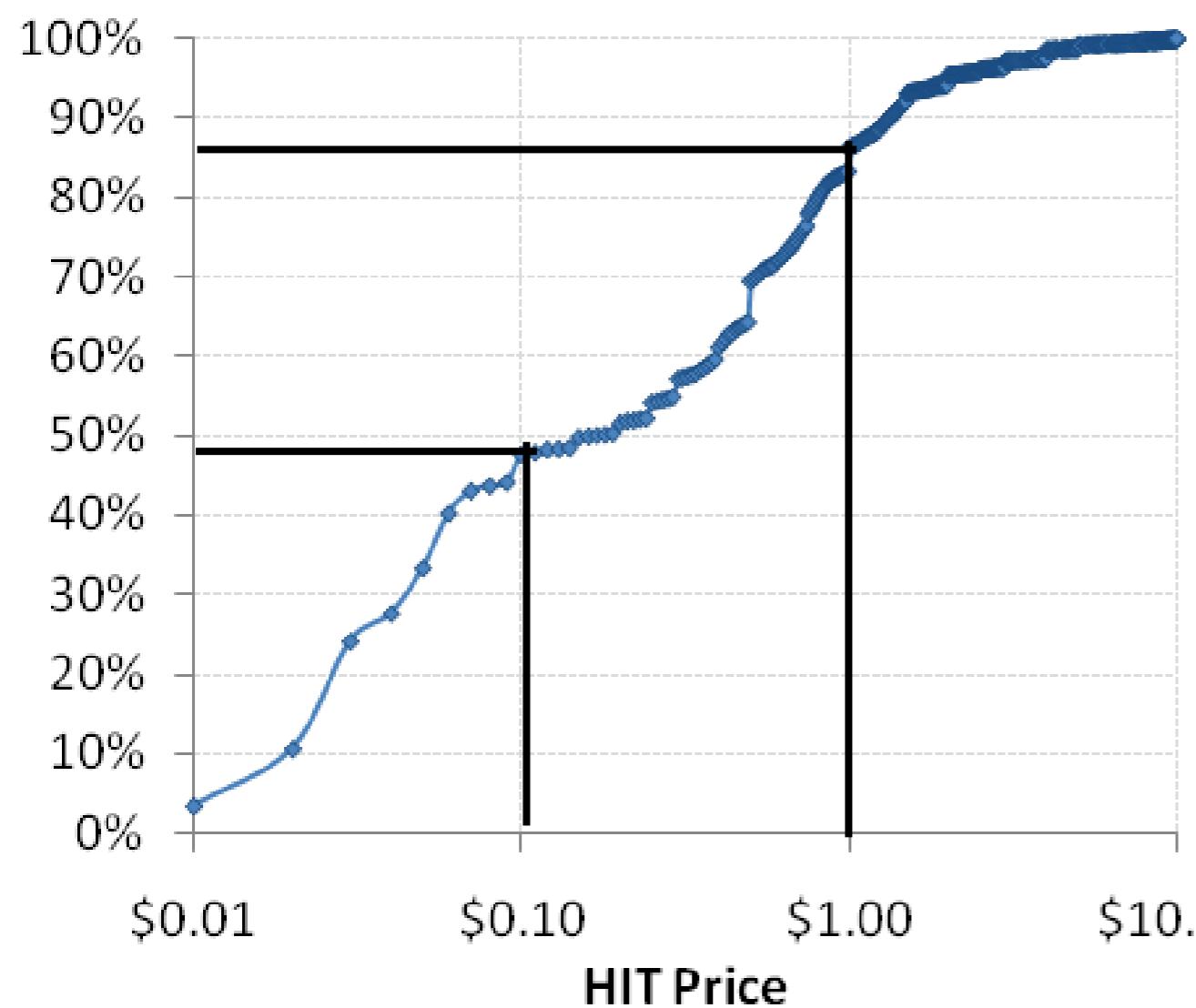


Rewards by keyword

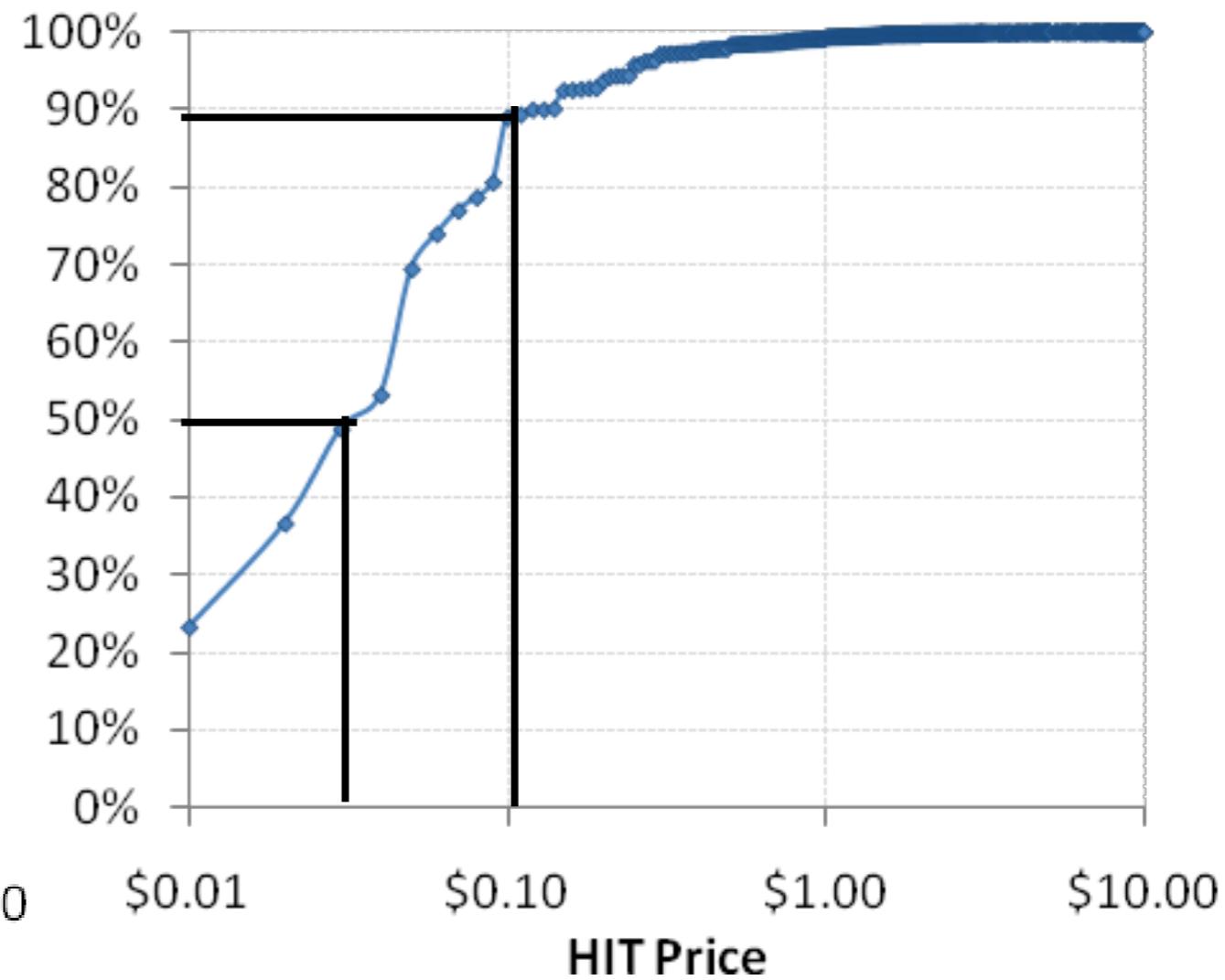
data	\$192,513	write	\$52,188	articles	\$27,841
collection	\$154,680	listings	\$48,853	category	\$26,656
easy	\$93,293	article	\$48,377	flower	\$26,131
writing	\$91,930	research	\$48,301	labs	\$26,117
transcribe	\$81,416	shopping	\$48,086	crowd	\$26,117
english	\$78,344	categorization	\$44,439	doloreslabs	\$26,117
quick	\$75,755	simple	\$43,460	crowdflower	\$26,117
product	\$66,726	fast	\$40,330	delores	\$26,117
cw	\$66,486	categorize	\$38,705	dolores	\$26,117
castingwords	\$66,111	email	\$32,989	deloreslabs	\$26,117
podcast	\$64,418	merchandise	\$32,237	entry	\$25,644
mp	\$64,162	url	\$31,819	tag	\$25,228
website	\$60,527	tagging	\$30,110	video	\$25,100
search	\$57,578	web	\$29,309	editing	\$24,791
image	\$55,013	photo	\$28,771	classify	\$24,054
builder	\$53,443	review	\$28,707	answer	\$23,856
mobmerge	\$53,431	content	\$28,319		

HITs by price

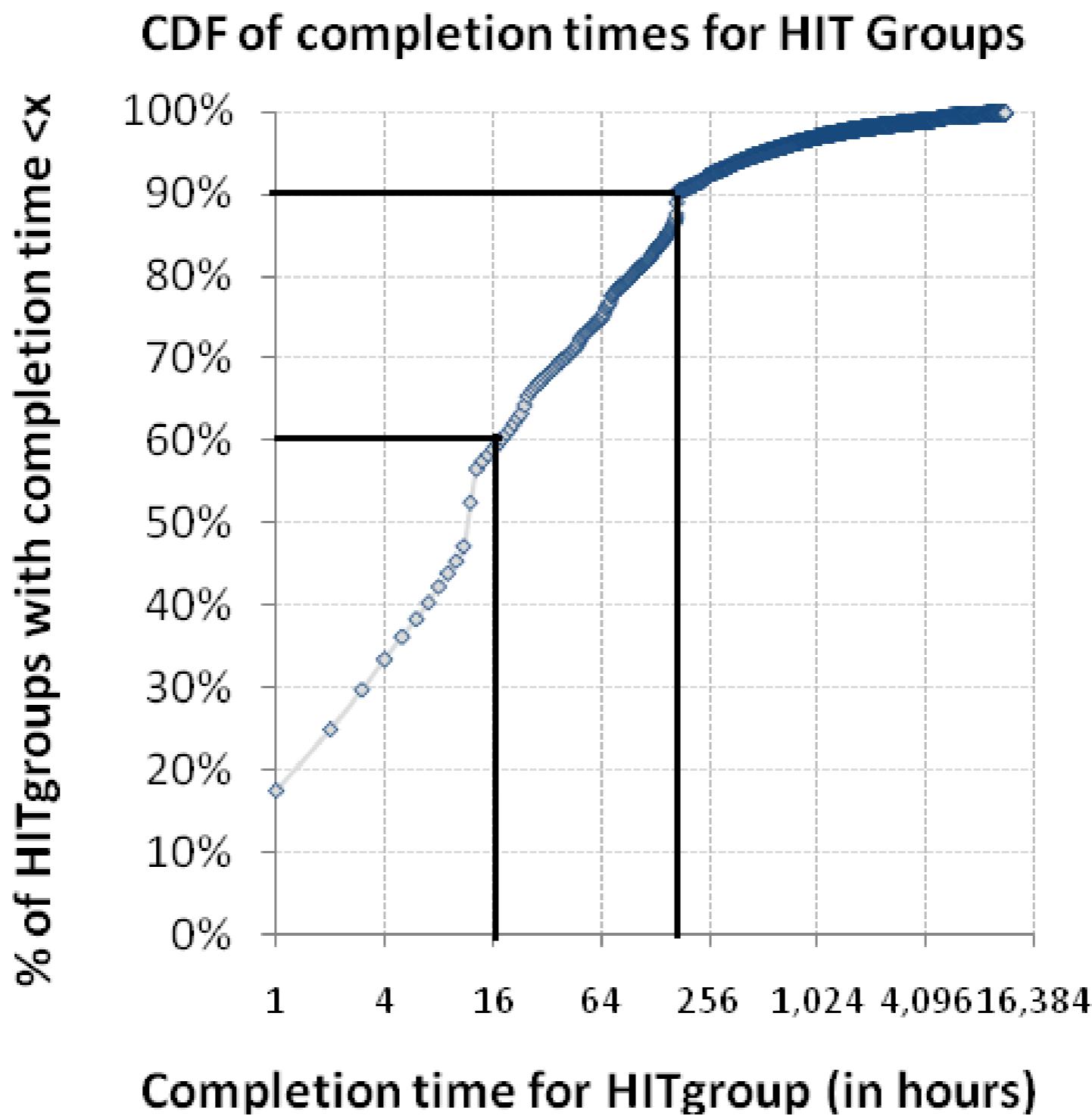
% of HITgroups vs HIT price



% of HITs vs HIT price



Completion times





eXascale Infolab



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Of
Sheffield.



The Dynamics of Micro-Task Crowdsourcing

The Case of Amazon MTurk

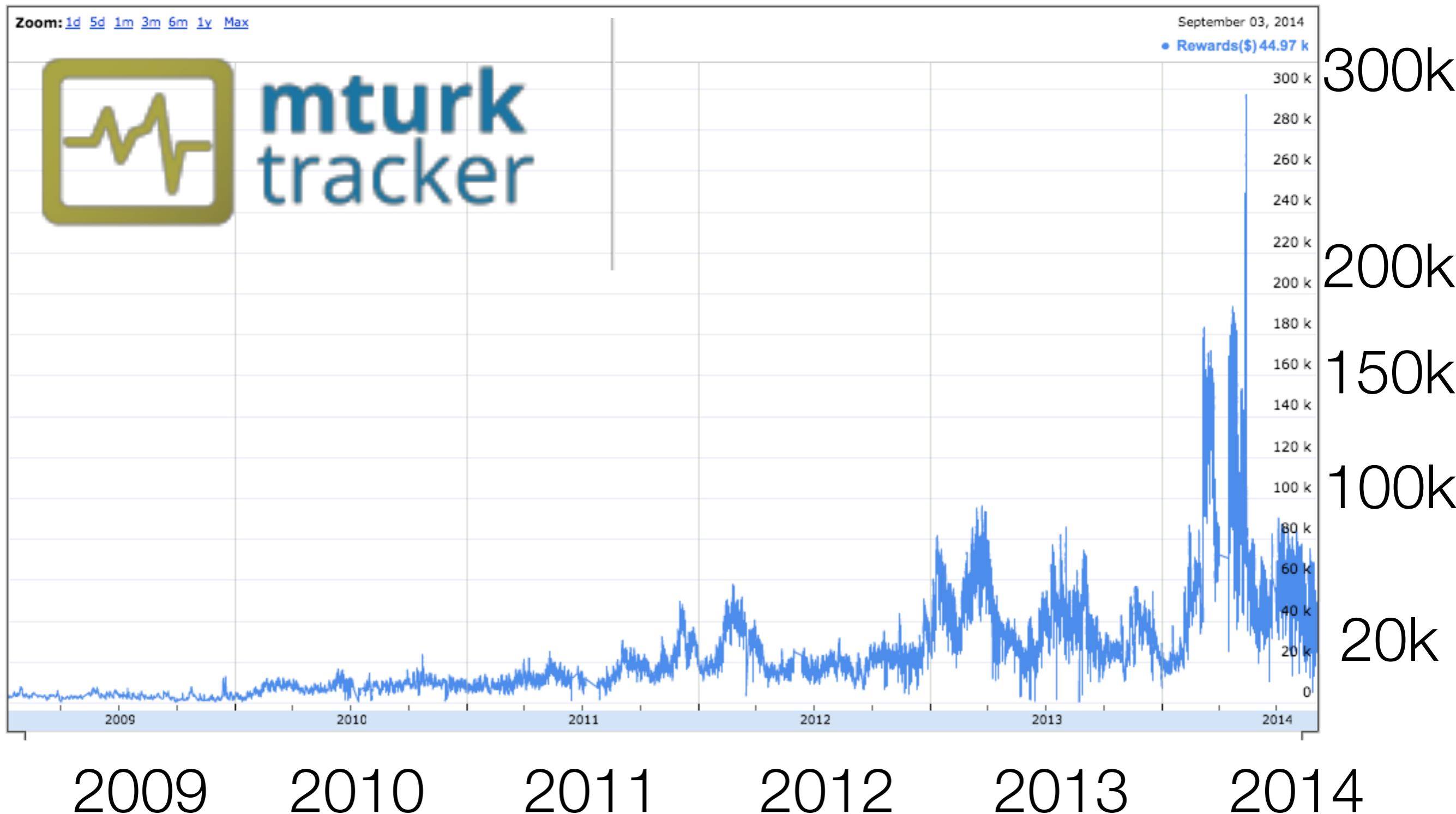
Djellel Eddine Difallah, Michele Catasta, Gianluca Demartini,
Panos Ipeirotis, Philippe Cudré-Mauroux

WWW'15 - 20th May 2015 - Florence

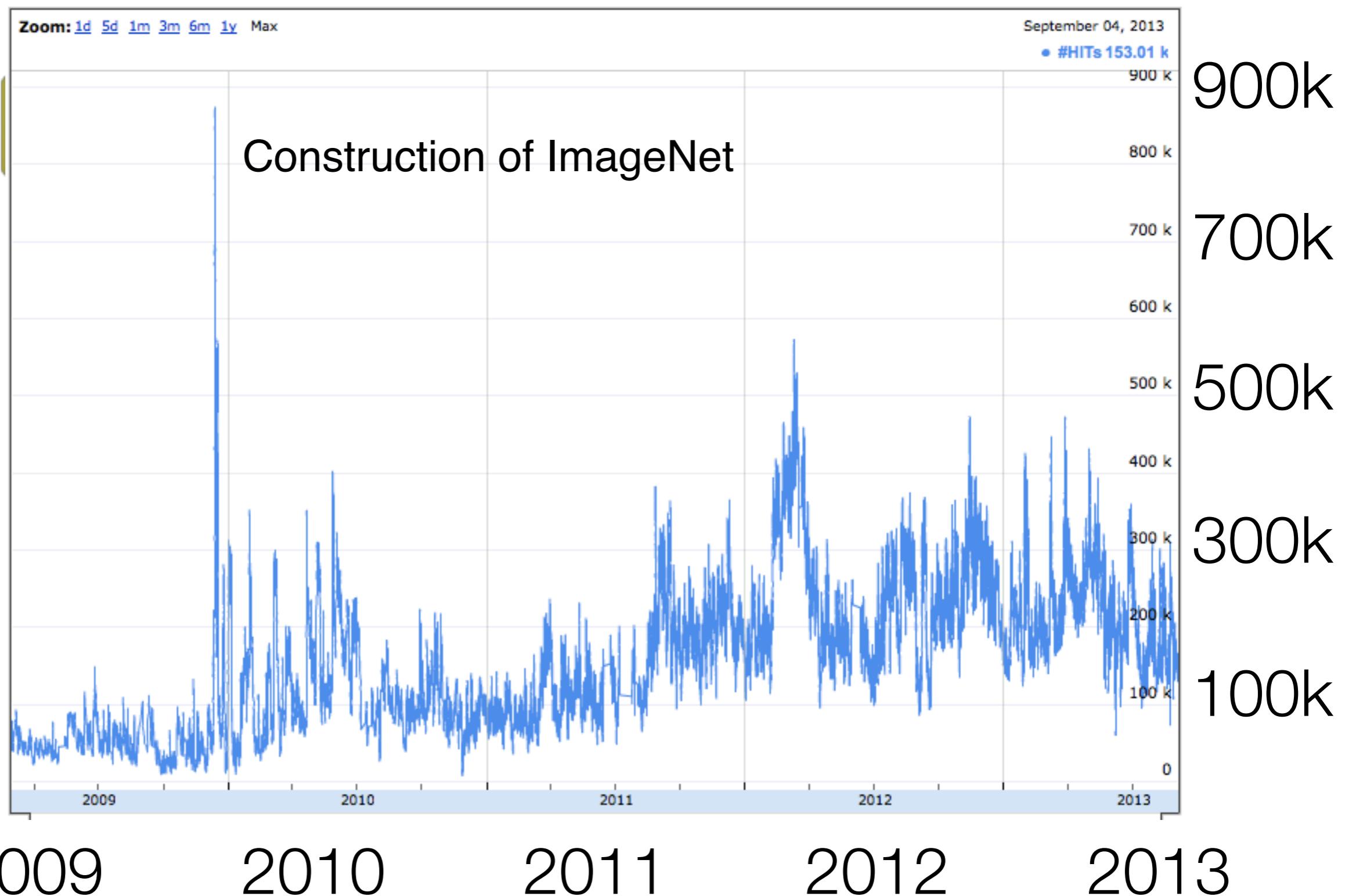
5 years later

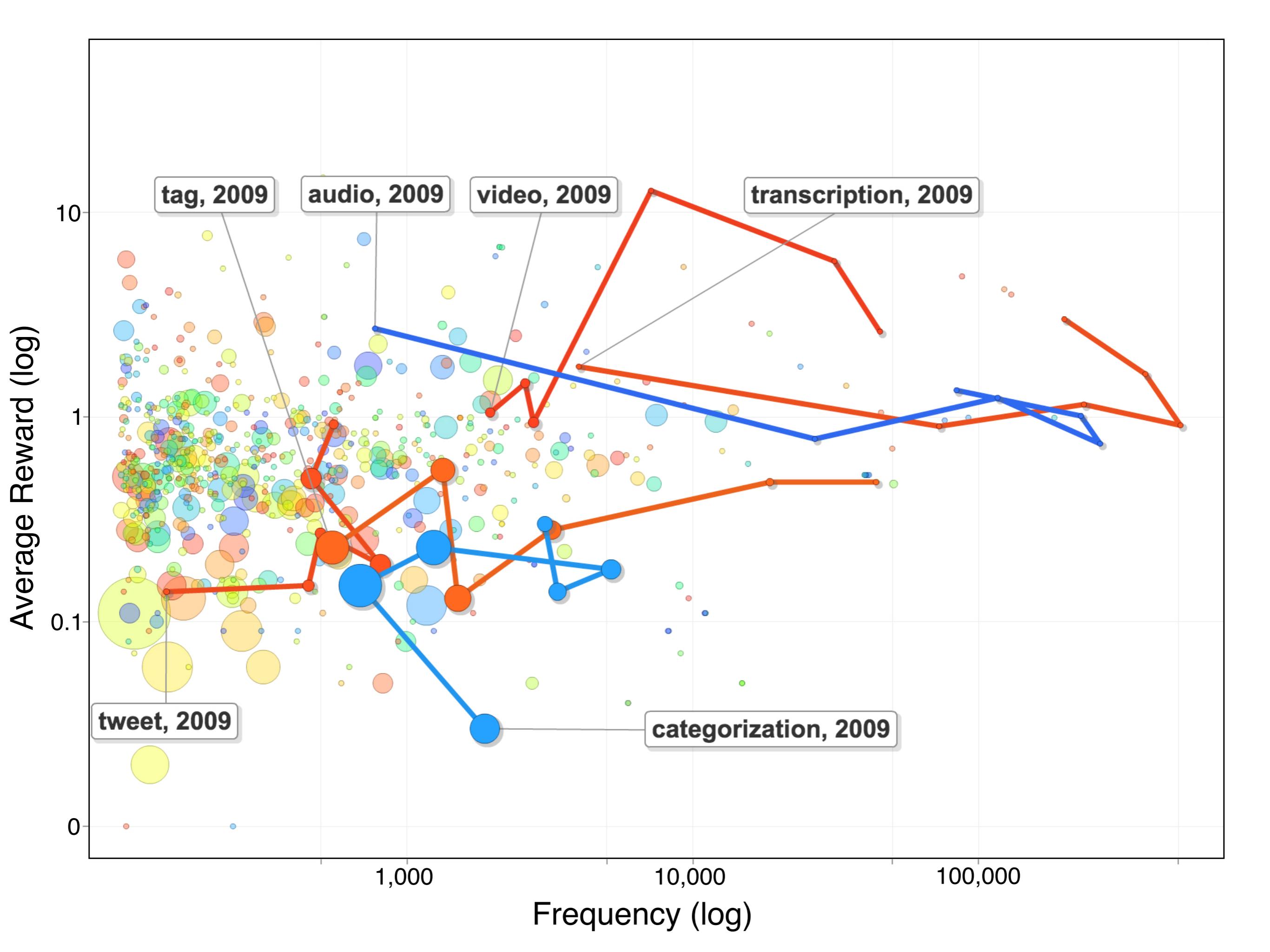
- Run from 2009-2014
- Collected 2.5 million different batches with 130 million individual HITs

Rewards

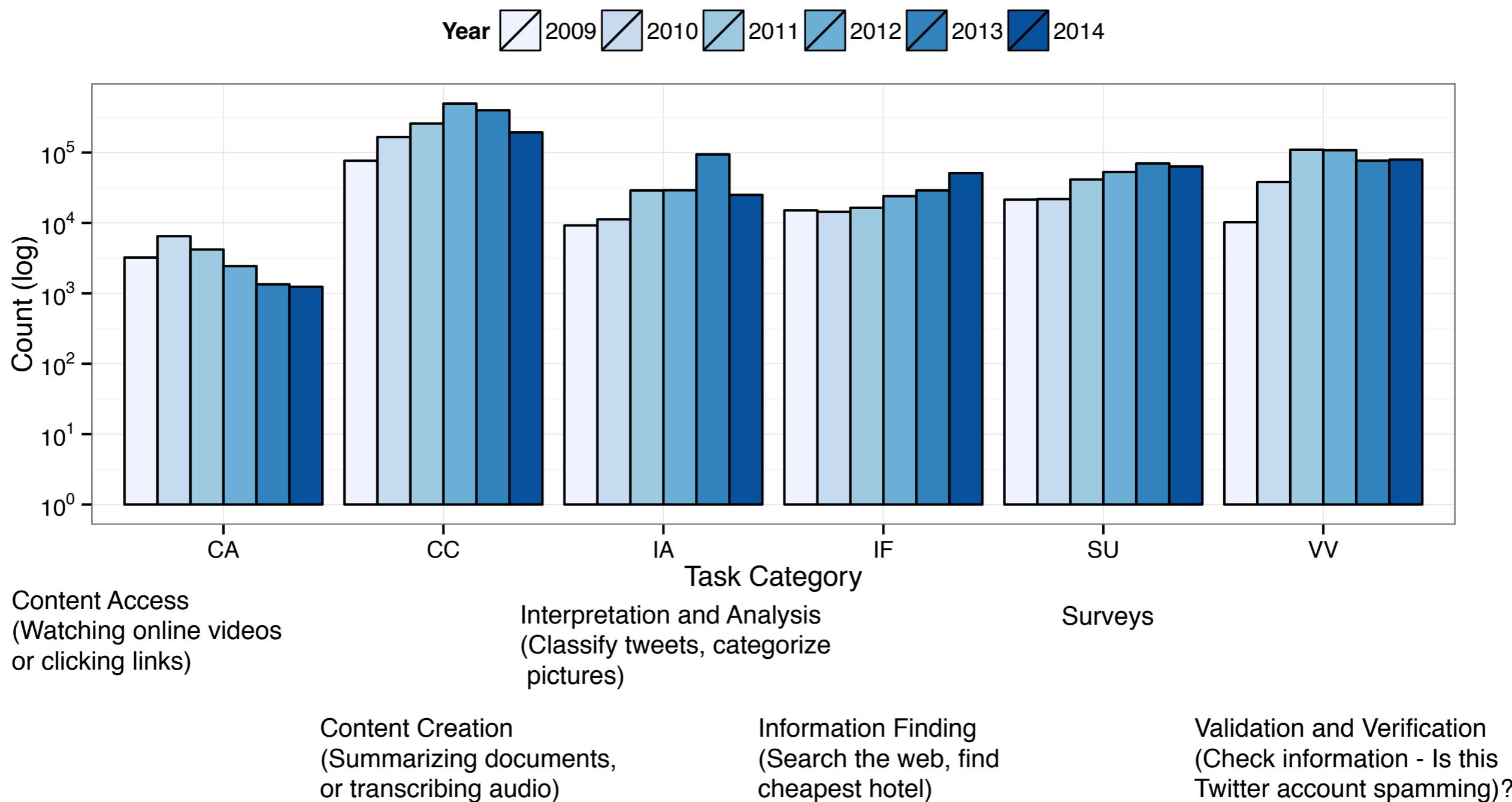


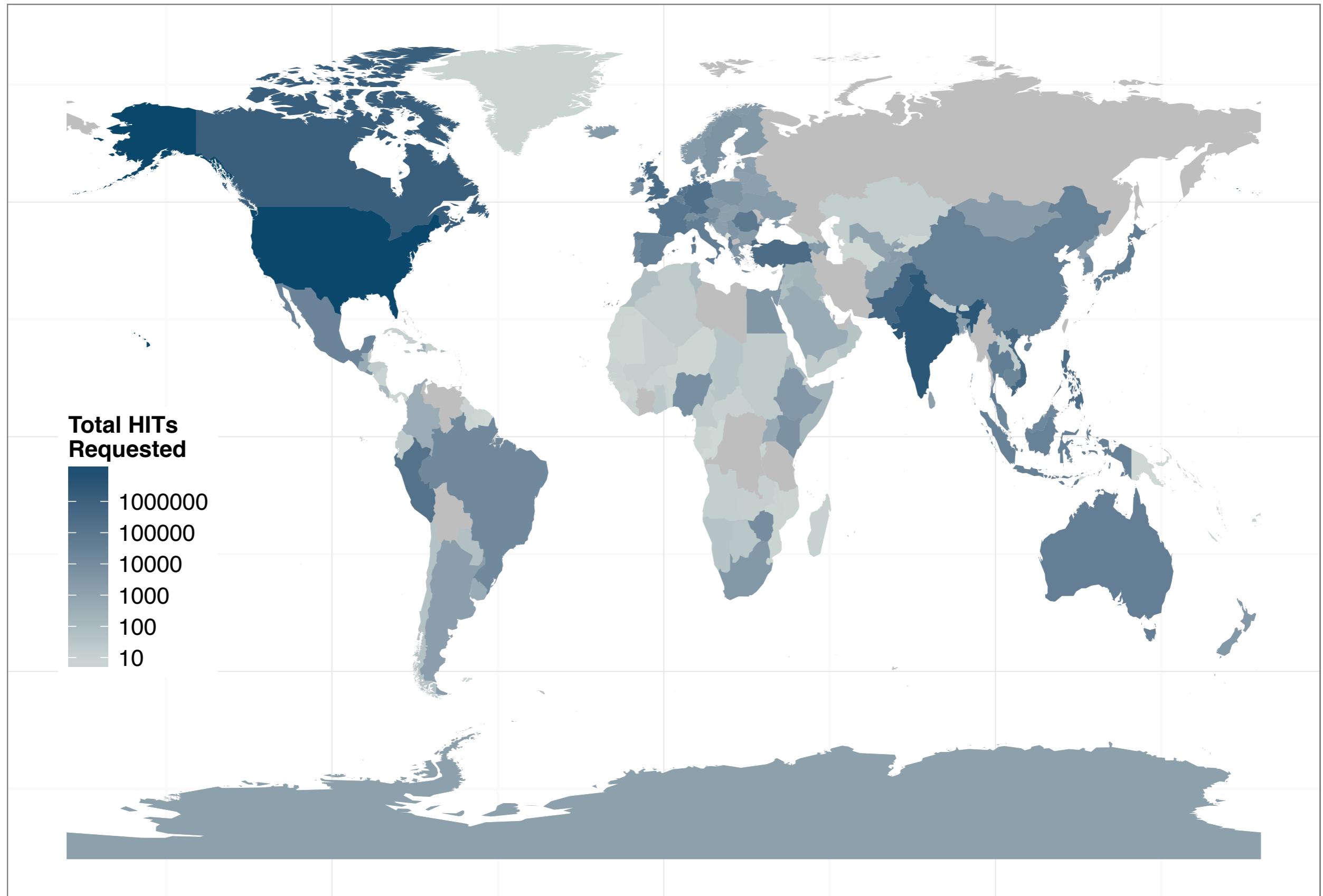
HITs over time

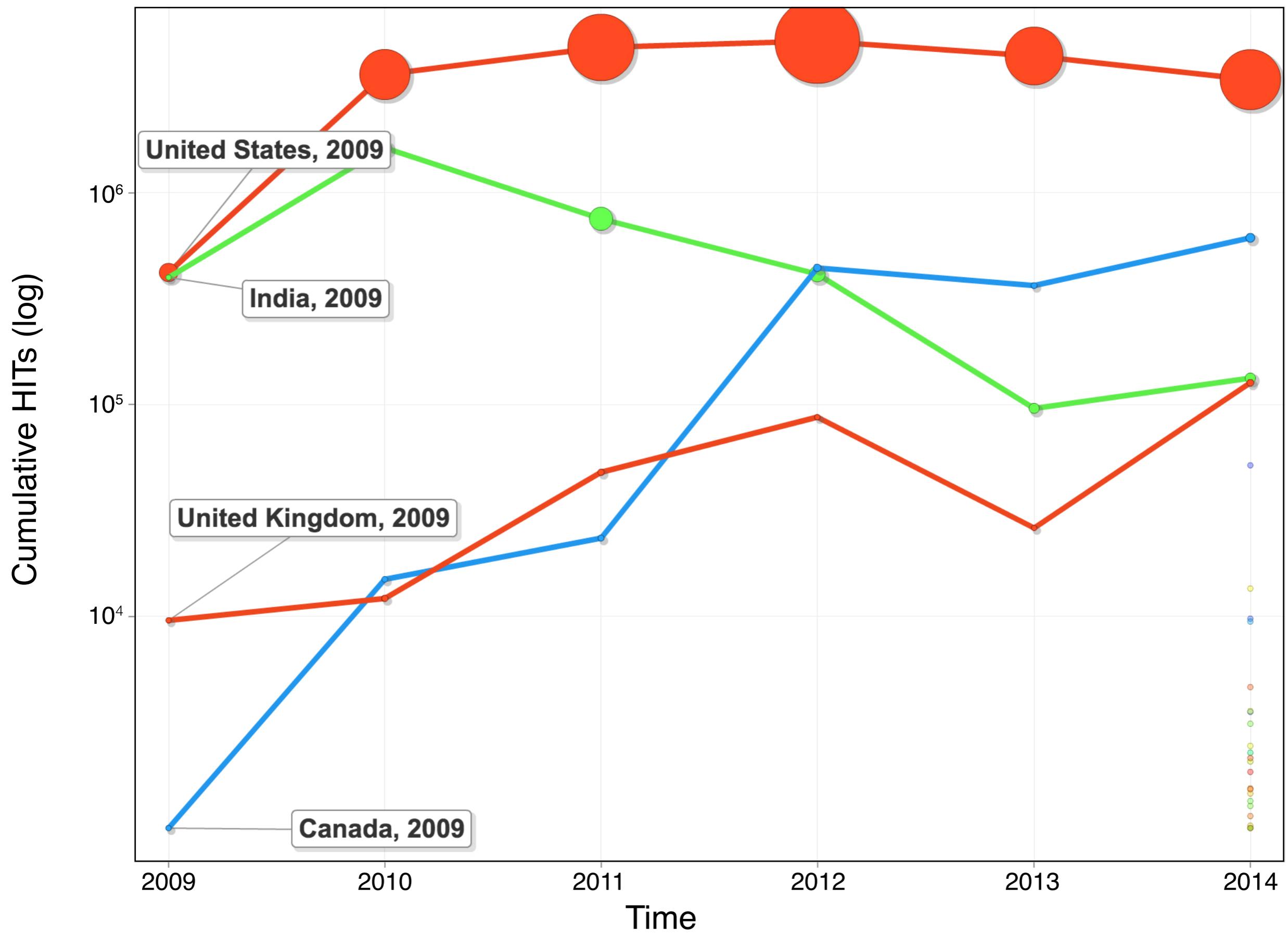




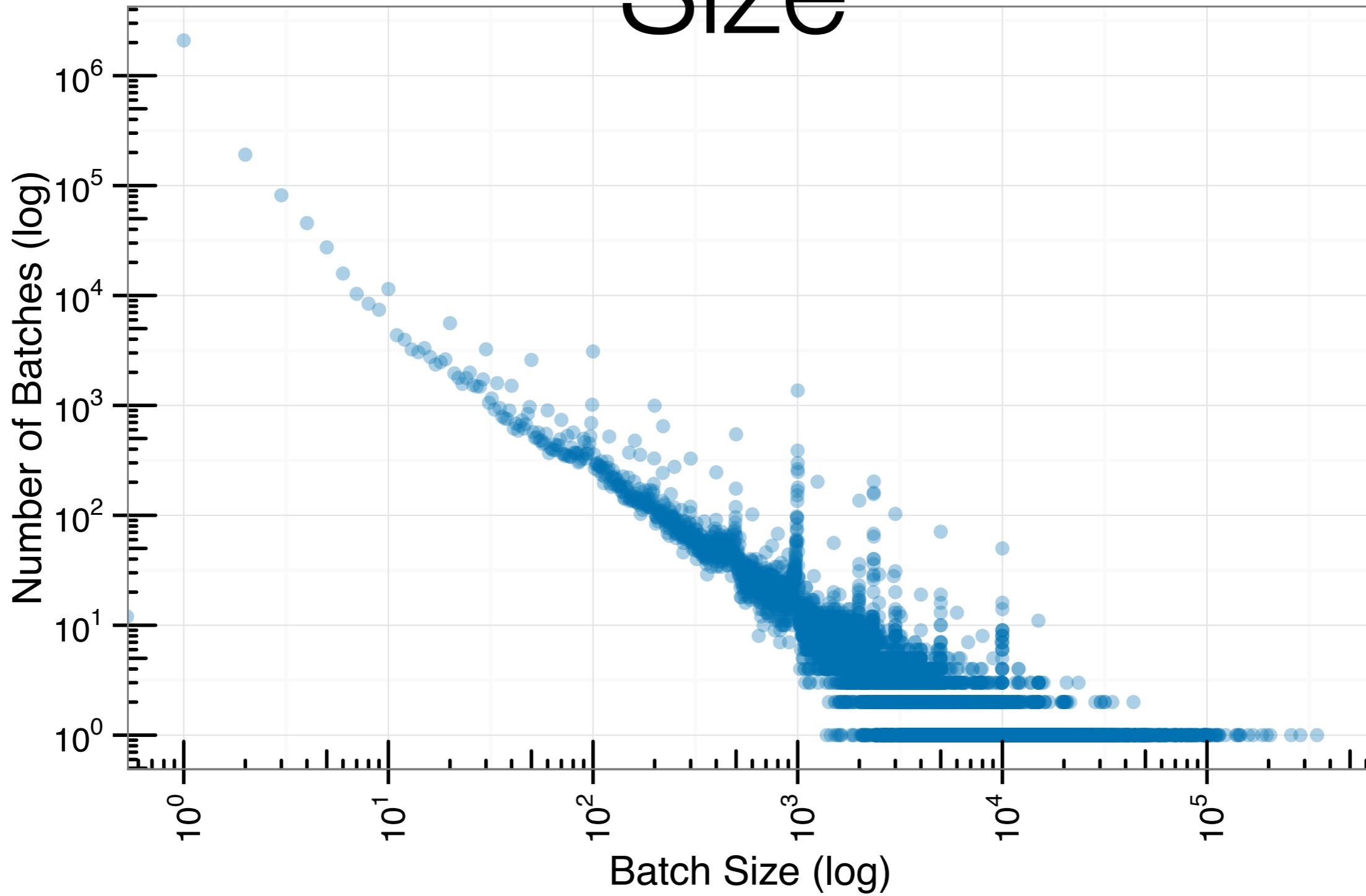
Requesters and Reward Evolution



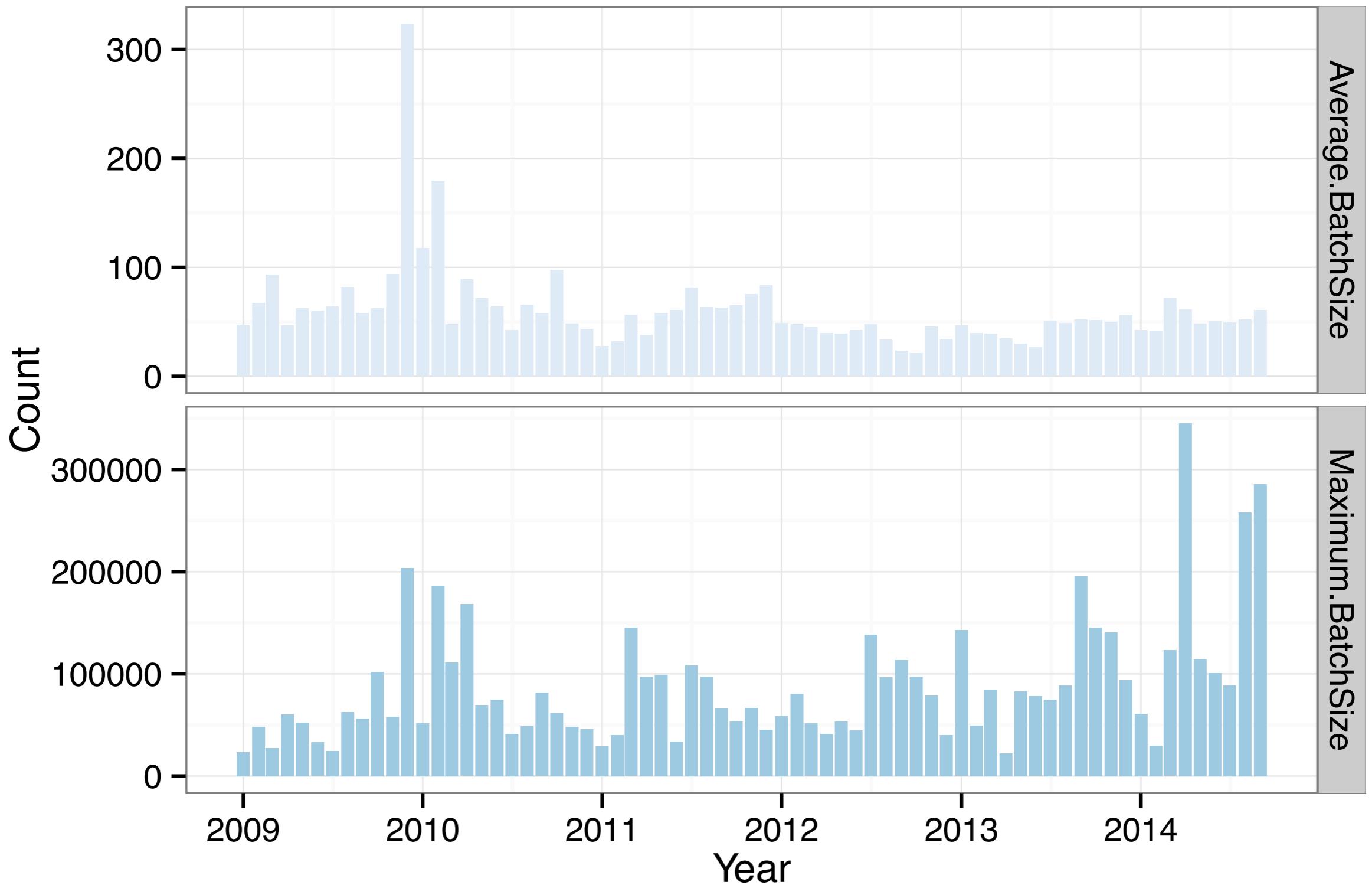




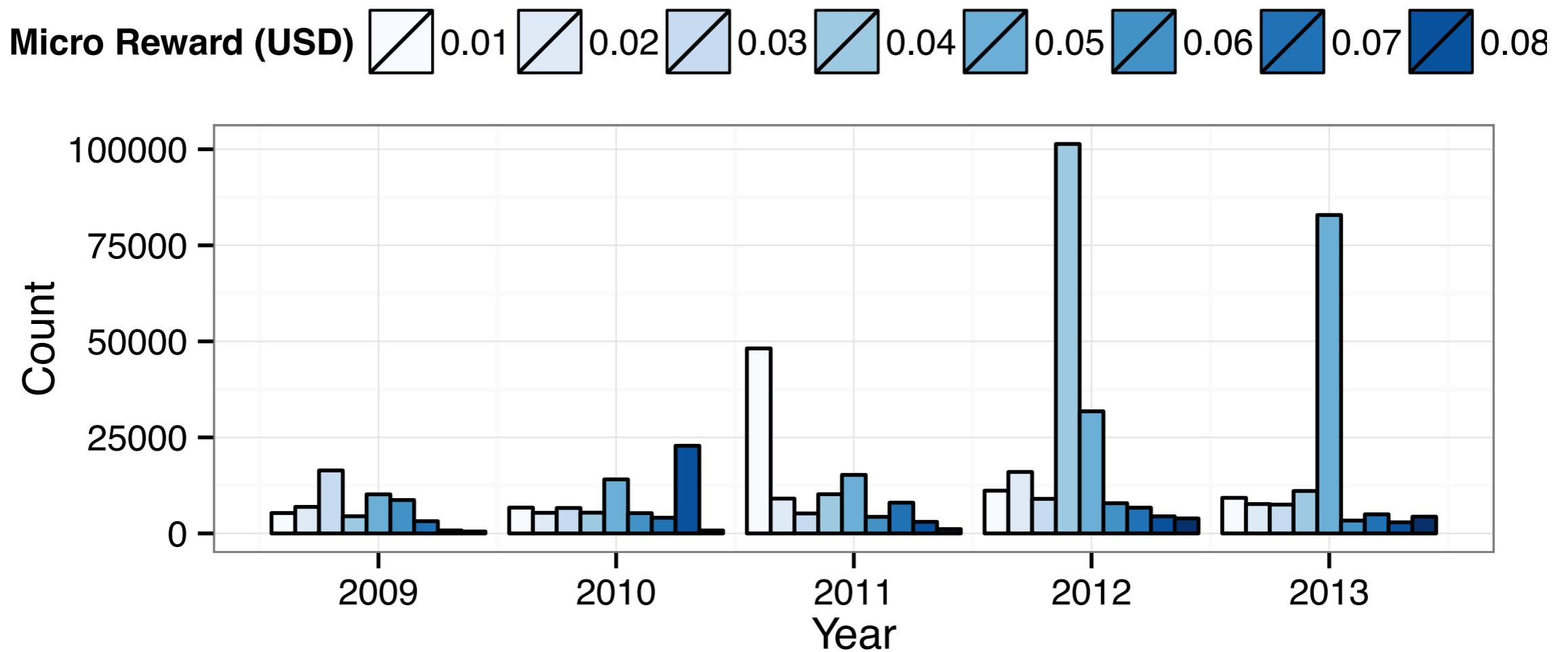
Distribution of Batch Size



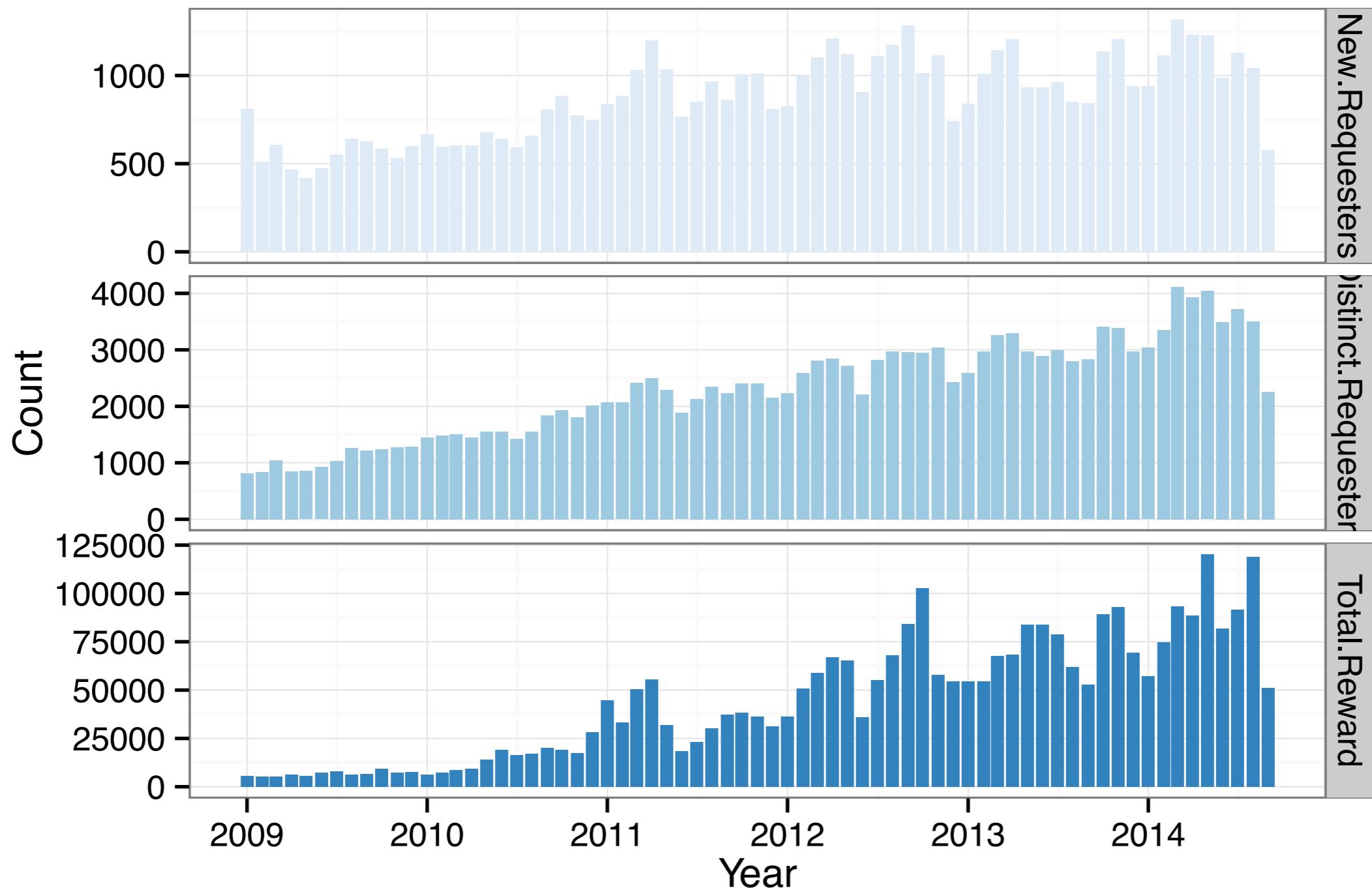
Evolution of Batch Sizes



HIT Pricing



Requesters and Reward Evolution



Supply and Demand

