Idea Presentation

StackOverflow: A journey of bounty hunters

Social Media Mining WS 14/15

Tom Bocklisch & Tom Herold

Recap

stackoverflow Questions Tags

HTML Purifier preserve spaces

4

Is there anyway to make HTML Purifier preserve the implict spaces that would typically be seen in rendered HTML?

For example you would typically expect a space between `Foo` and `Bar` in these following cases:

```
Foo<br/>Bar
```

1

php htmlpurifier

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edited Nov 10 at 3:05

asked Nov 3 at 1:15

Petah
19.8k ●6 ●51 ●122

8.4m questions

14m answers

3.7m users

93k bounties

This question has an open bounty worth +50 reputation from Petah ending in 2 hours.

add a comment

2 Answers

active oldest votes

I have a cruel plan - replace any tag closing ">" to space and remove double spaces

```
$text = '<div>test</div><div>me</div>';
$text = preg_replace('/(<\/[a-z]+>)/', '$1 ', $text);
$text = trim(preg_replace('/\s+/', ' ', strip_tags($text)));
```

Bounty Rules

Who can add bounties?

Every user with a reputation greater 75.

When can they be added?

After the first 48h passed.

How many bounties are allowed per question?

Only one at a time.

Who gets the bounty?

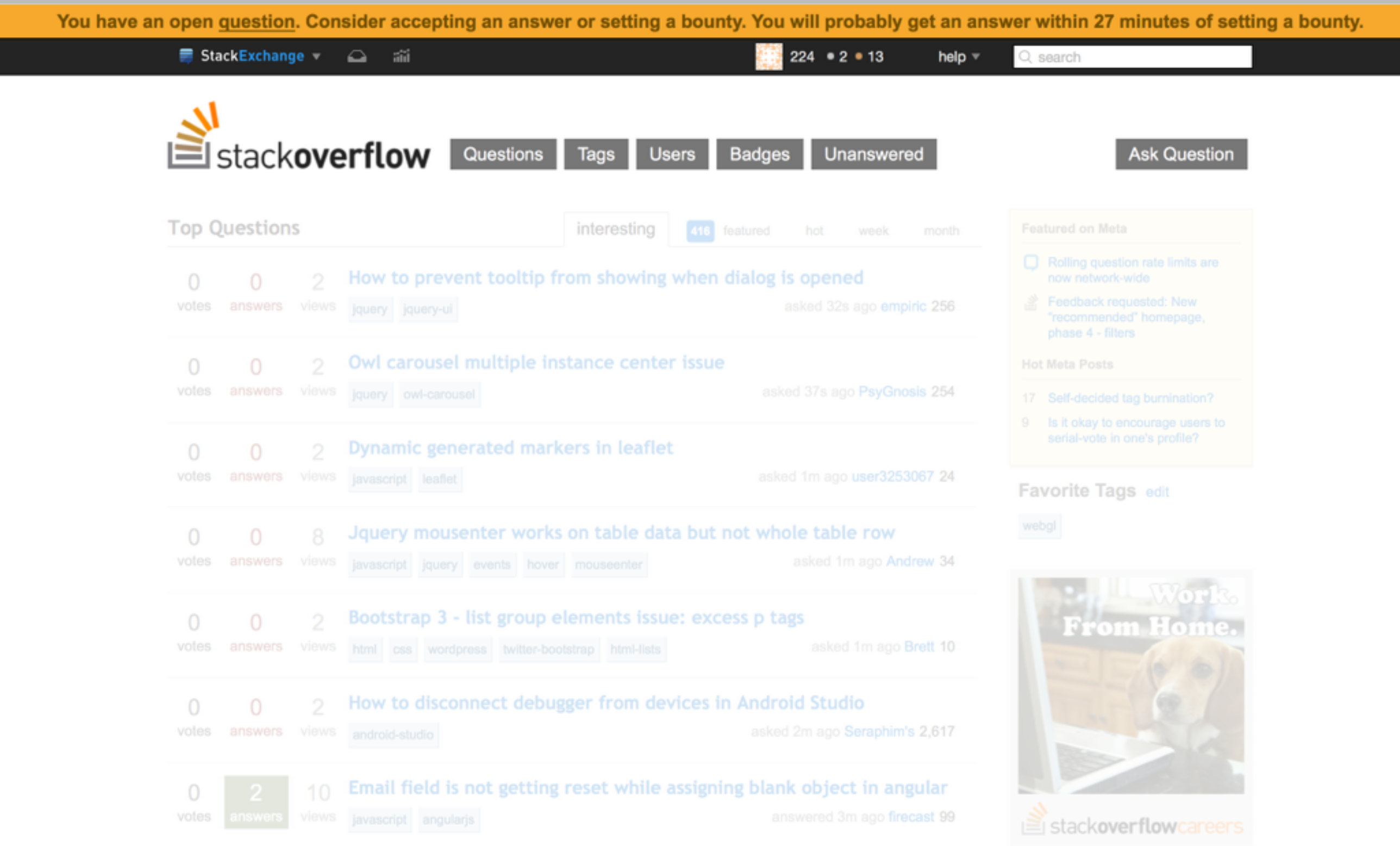
The accepted answerer or the most upvoted answer.

Idea

Research Question:

What is the influence of bounties on answer speed?

Prototype


You have an open question. Consider accepting an answer or setting a bounty. You will probably get an answer within 27 minutes of setting a bounty.
StackExchange
224 • 2 • 13
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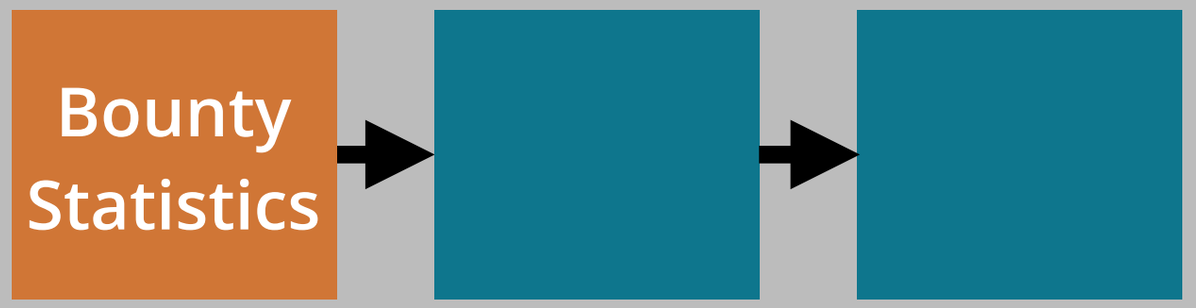
stackoverflow
Questions
Tags
Users
Badges
Unanswered
Ask Question
Top Questions
interesting
416 featured
hot
week
month
0 votes 0 answers 2 views How to prevent tooltip from showing when dialog is opened
jquery jquery-ui
asked 32s ago empiric 256
0 votes 0 answers 2 views Owl carousel multiple instance center issue
jquery owl-carousel
asked 37s ago PsyGnosis 254
0 votes 0 answers 2 views Dynamic generated markers in leaflet
javascript leaflet
asked 1m ago user3253067 24
0 votes 0 answers 8 views Jquery mousenter works on table data but not whole table row
javascript jquery events hover mouseenter
asked 1m ago Andrew 34
0 votes 0 answers 2 views Bootstrap 3 - list group elements issue: excess p tags
html css wordpress twitter-bootstrap html-lists
asked 1m ago Brett 10
0 votes 0 answers 2 views How to disconnect debugger from devices in Android Studio
android-studio
asked 2m ago Seraphim's 2,617
0 votes 2 answers 10 views Email field is not getting reset while assigning blank object in angular
javascript angularjs
answered 3m ago firecast 99
Featured on Meta
Rolling question rate limits are now network-wide
Feedback requested: New "recommended" homepage, phase 4 - filters
Hot Meta Posts
17 Self-decided tag burnination?
9 Is it okay to encourage users to serial-vote in one's profile?
Favorite Tags edit
webgl
Work. From Home.
stackoverflowcareers

Roadmap

Bounty Statistics
Feature Selection
Predict answer speed after a bounty is set

Bounty

Statistics



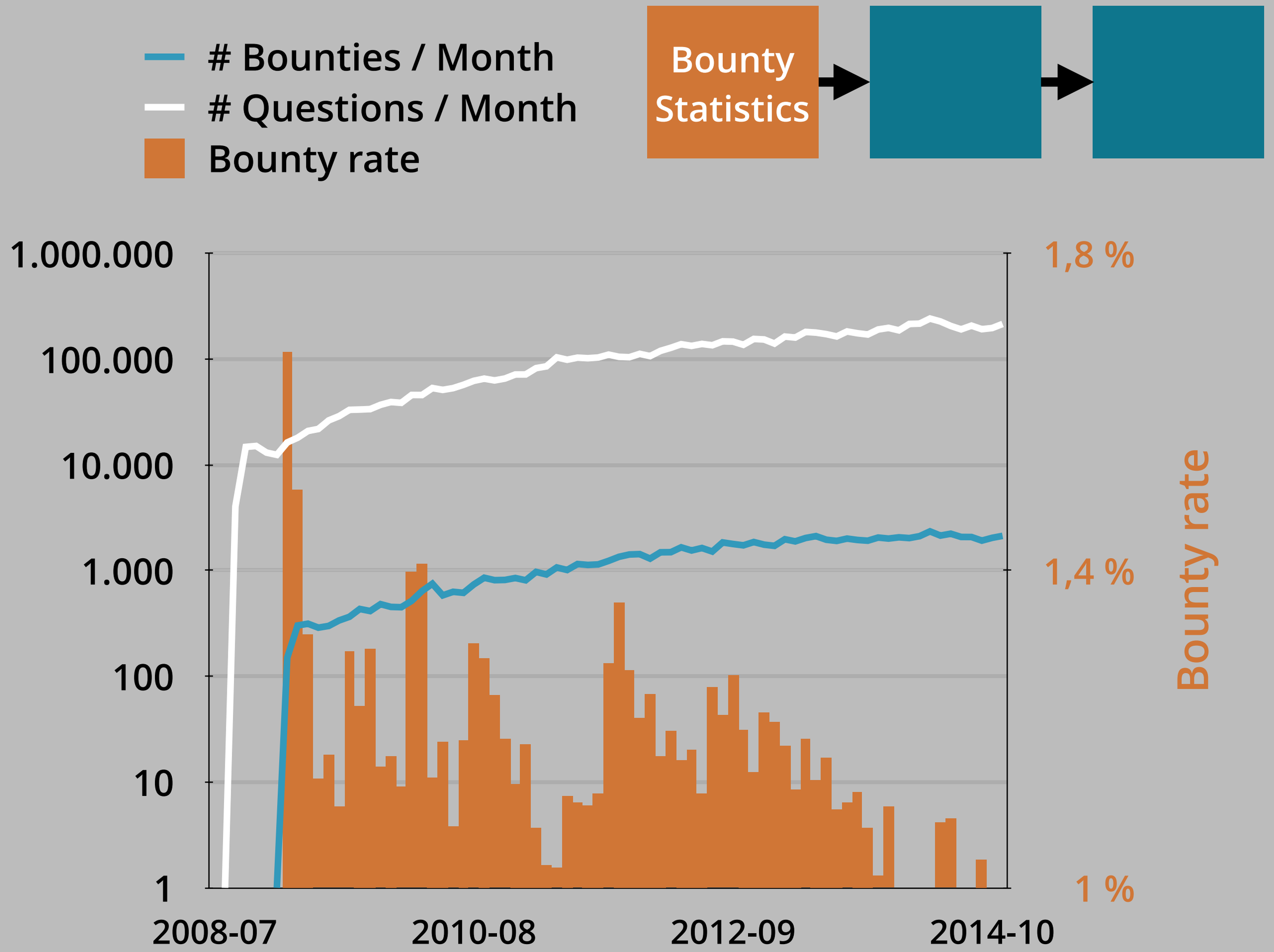
# Questions with bounty	90,302
Average amount of bounty	90
Most bounties on a question	13
Average answer speed	2d 18h
Unsuccessful bounties	1/3
“Interesting tags”	myisam (10), sony (8), postgresql-9.1 (10)

Bounties
Active subscribers

Bounty Statistics

android
c#
java
javascript
php
ios
jquery
objective-c

0
3000
6000
9000
12000


Bounties / Month
Questions / Month
Bounty rate
Bounty Statistics
1.000.000
100.000
10.000
1.000
100
10
1
1,8 %
1,4 %
1 %
Bounty rate
2008-07
2010-08
2012-09
2014-10

Feature Selection

Question creation

Bounty creation

Accepted answer

t

> 48 h

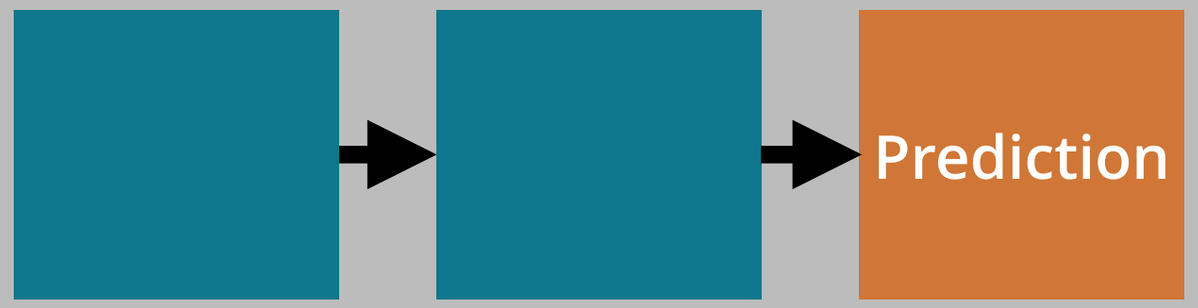
Creator

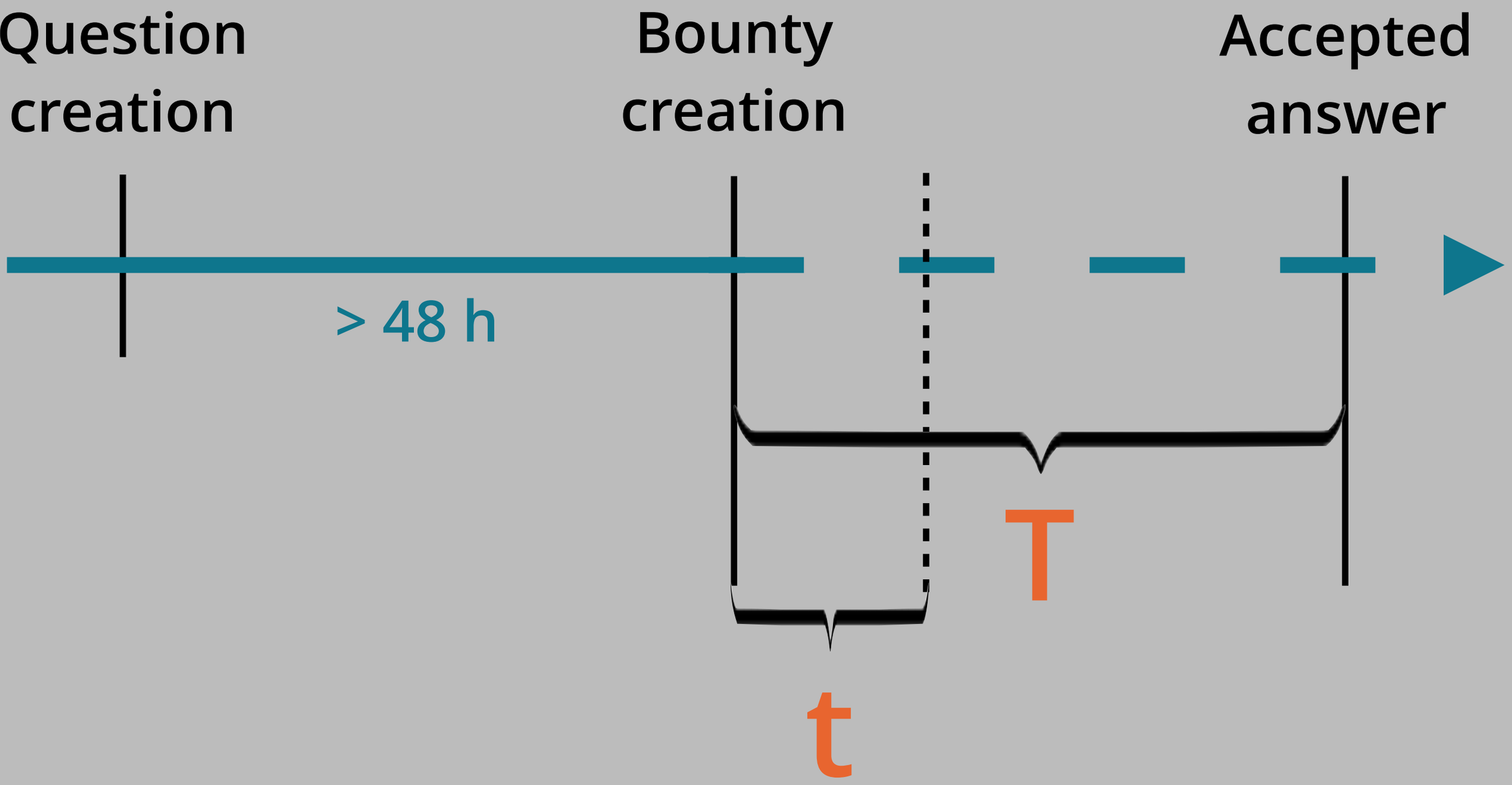
Influence of Bounty height on T

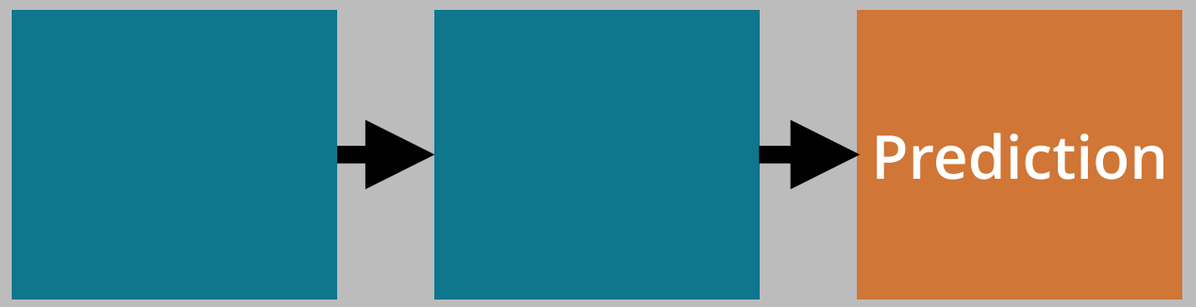
Number of answers

...

Prediction


Prediction


Question creation
Bounty creation
Accepted answer
> 48 h
T
t



Classification Task

Will the question be answered within the first t hours of setting a bounty?

$$T \overset{?}{\leq} t$$

Classifier

Support Vector Machine

Challenges

Size of the dataset

Might be to small to train on all features.

Cleaning the dataset

Bounties of deleted users / bounties without question

Handling of missing values

Questions without answer, Bounties from community

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Possible features

Tag based Features

- tag popularity
- # of popular tags
- rate of co-occurrence of tags
- # of active subscribers
- % of active subscribers
- # responsive subscribers
- % responsive subscribers

Bounty features

- height of bounty
- creator of bounty
- number of answers at creation time

Questioner features

- questioner reputation
- # of questioner's questions
- # of questioner's answers
- questioner's percentage of accepted answers on their previous questions