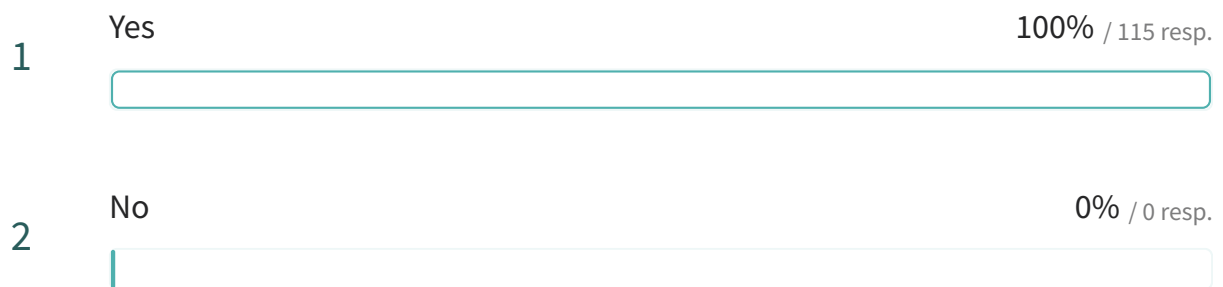


BotForm

116 responses

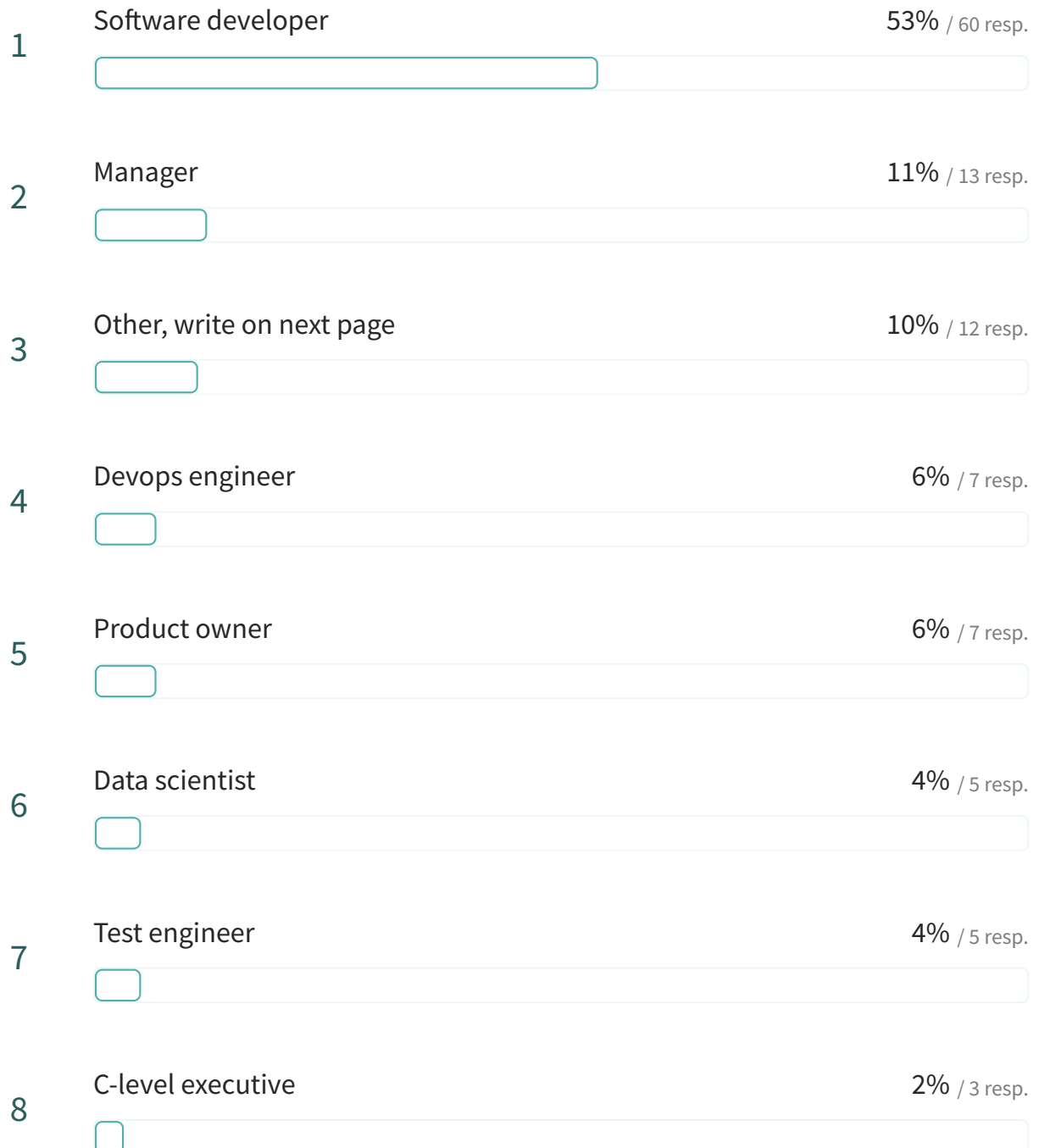
By answering this survey you agree to have your anonymized data collected and sent to the conductors of the study to process for research purposes. If you choose to not accept then you should close this browser window.

115 out of 116 answered



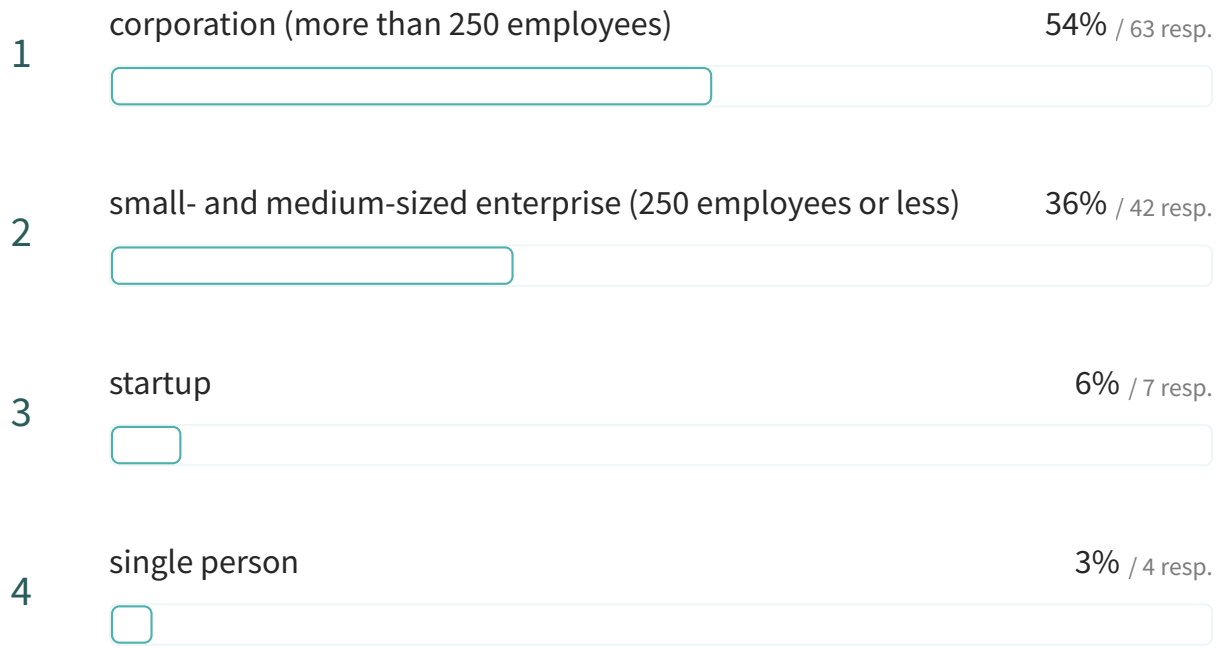
Your role

112 out of 116 answered



Size of company:

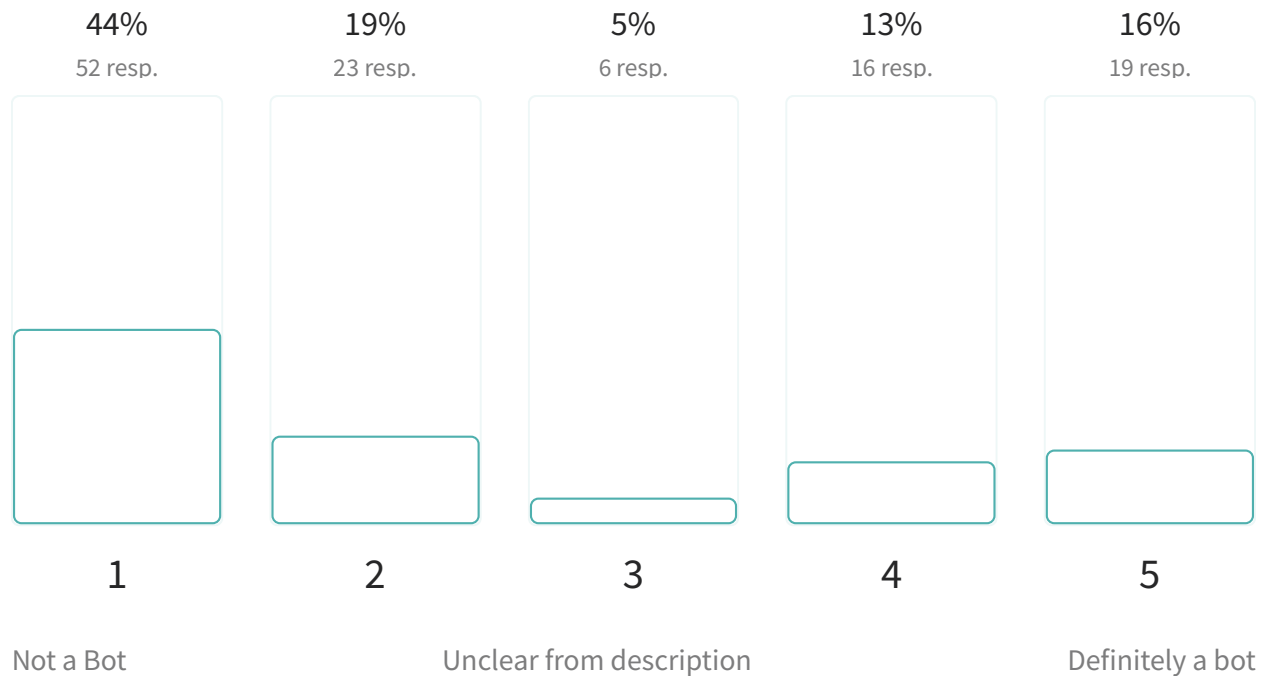
116 out of 116 answered



A tool that reacts to code being pushed to your repository and triggers a build.

116 out of 116 answered

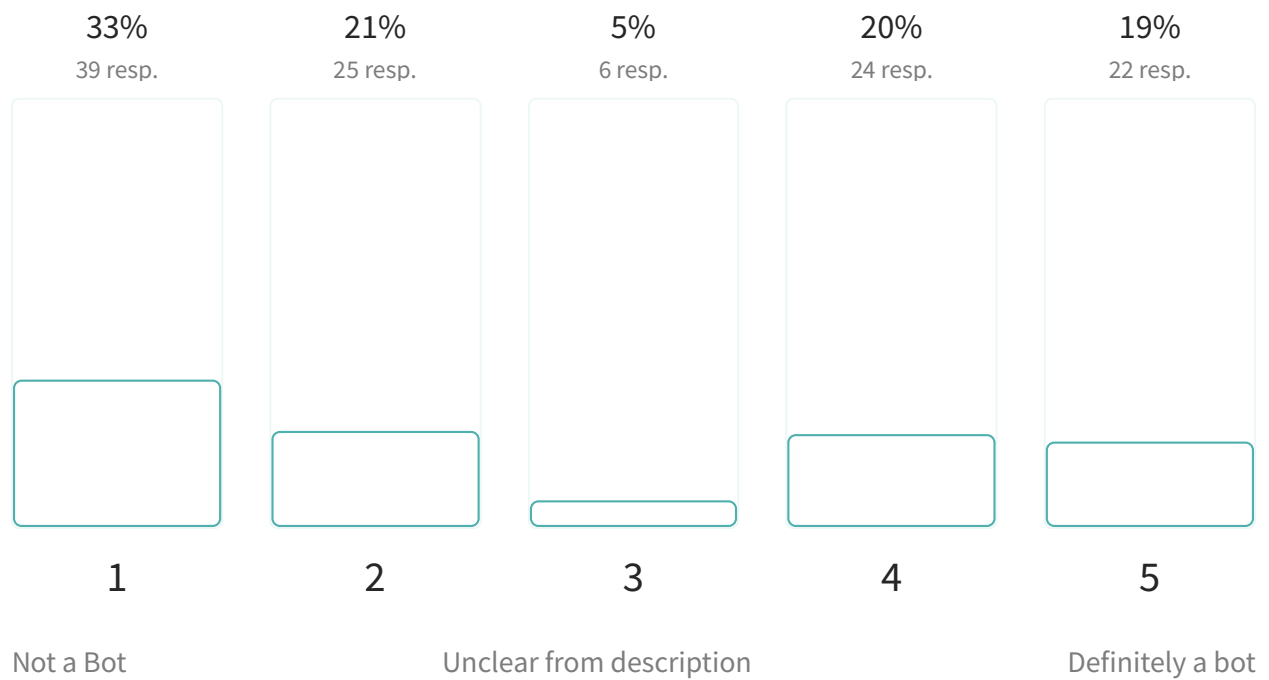
2.4 Average rating



A tool that reacts to code being pushed to your repository and triggers a build, but now it also sends you a small report of the process as an email.

116 out of 116 answered

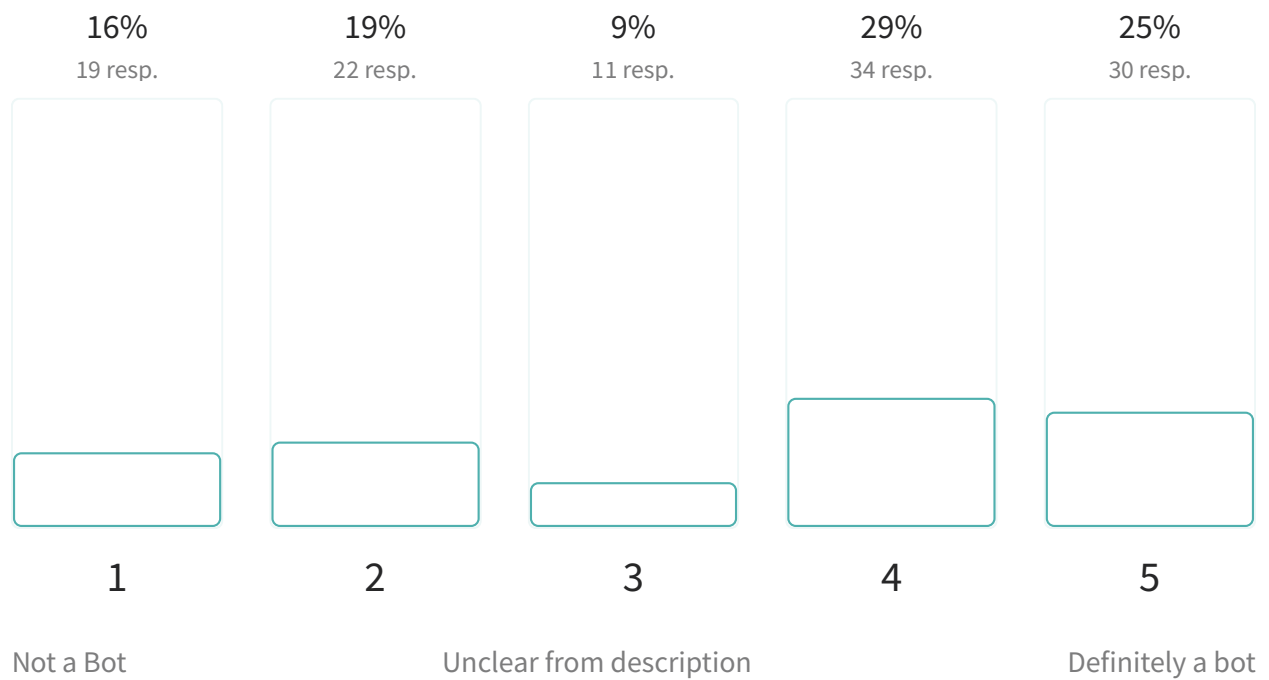
2.7 Average rating



A tool that reacts to code being pushed to your repository and triggers a build, but now it also sends you a small report of the process via chat (e.g., Slack)..

116 out of 116 answered

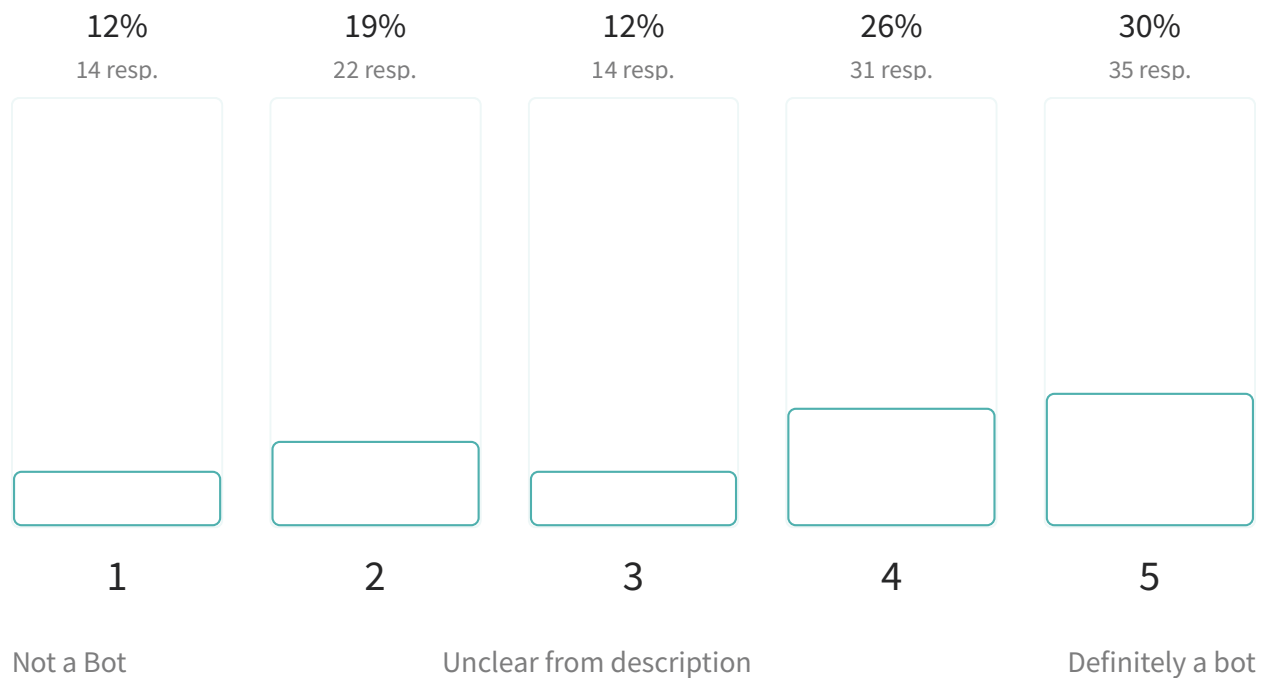
3.3 Average rating



A tool that fetches build results from elsewhere (e.g., CI) and posts a report via chat. (e.g., Slack).

116 out of 116 answered

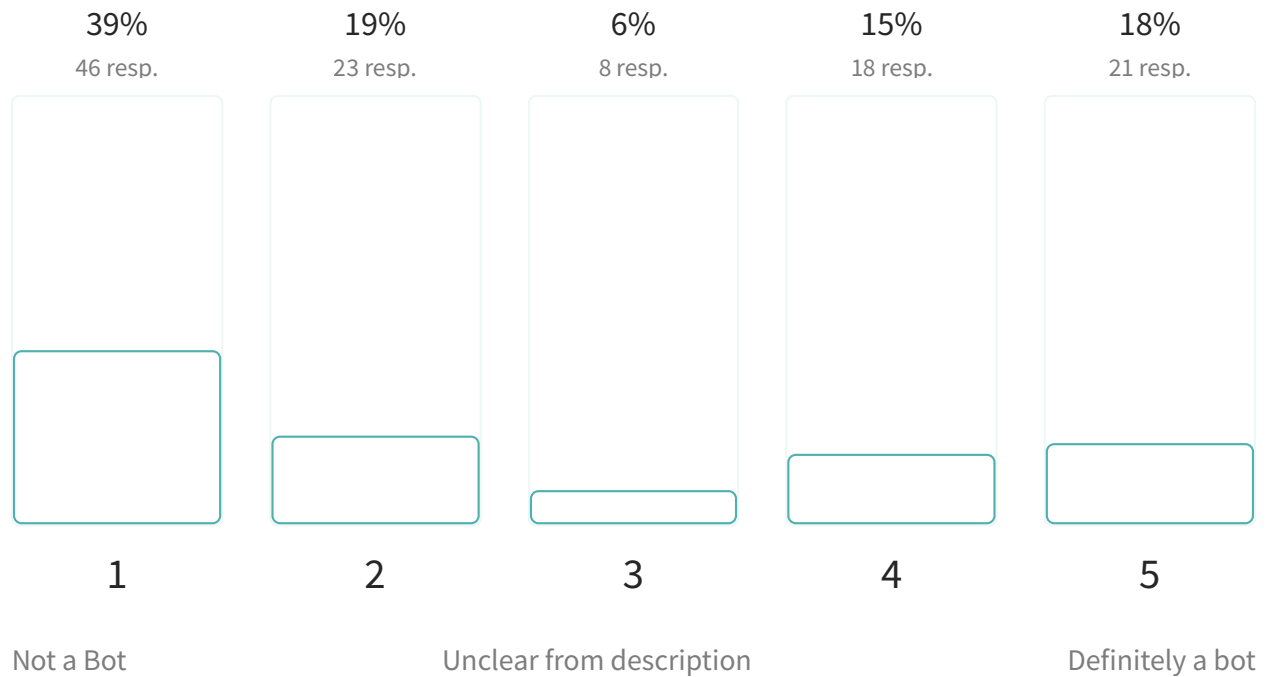
3.4 Average rating



A tool that is triggered by a new build and runs tests on it before deployment.

116 out of 116 answered

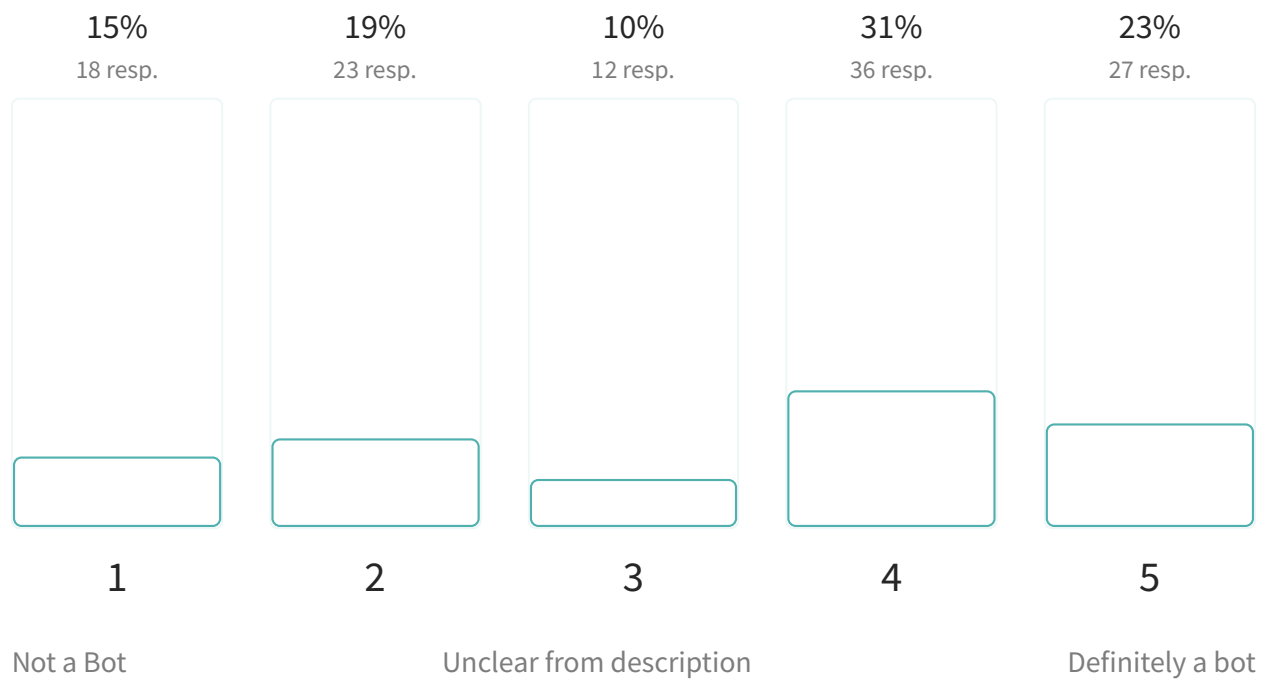
2.5 Average rating



A tool that is triggered by a new build and runs tests on it before deployment, but now it also sends you a small report via chat. (e.g., Slack).

116 out of 116 answered

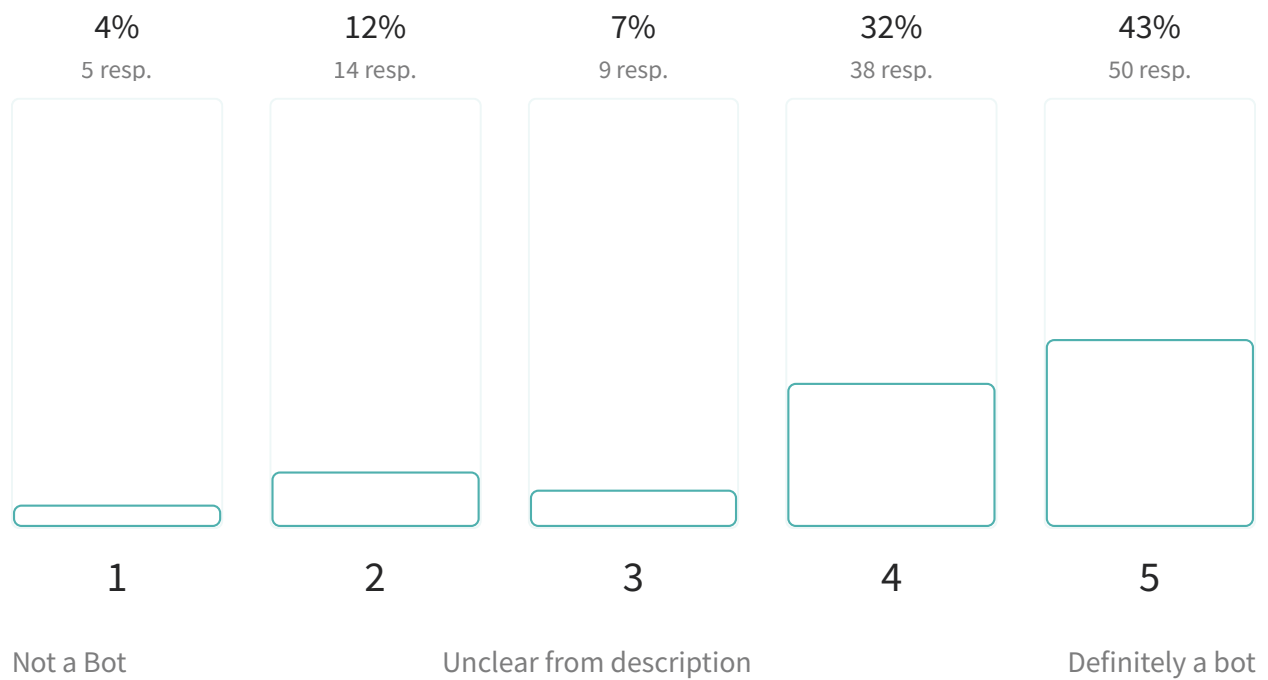
3.3 Average rating



A tool that is triggered by a new build but instead of starting the tests directly it prompts you via chat what actions you want to trigger.

116 out of 116 answered

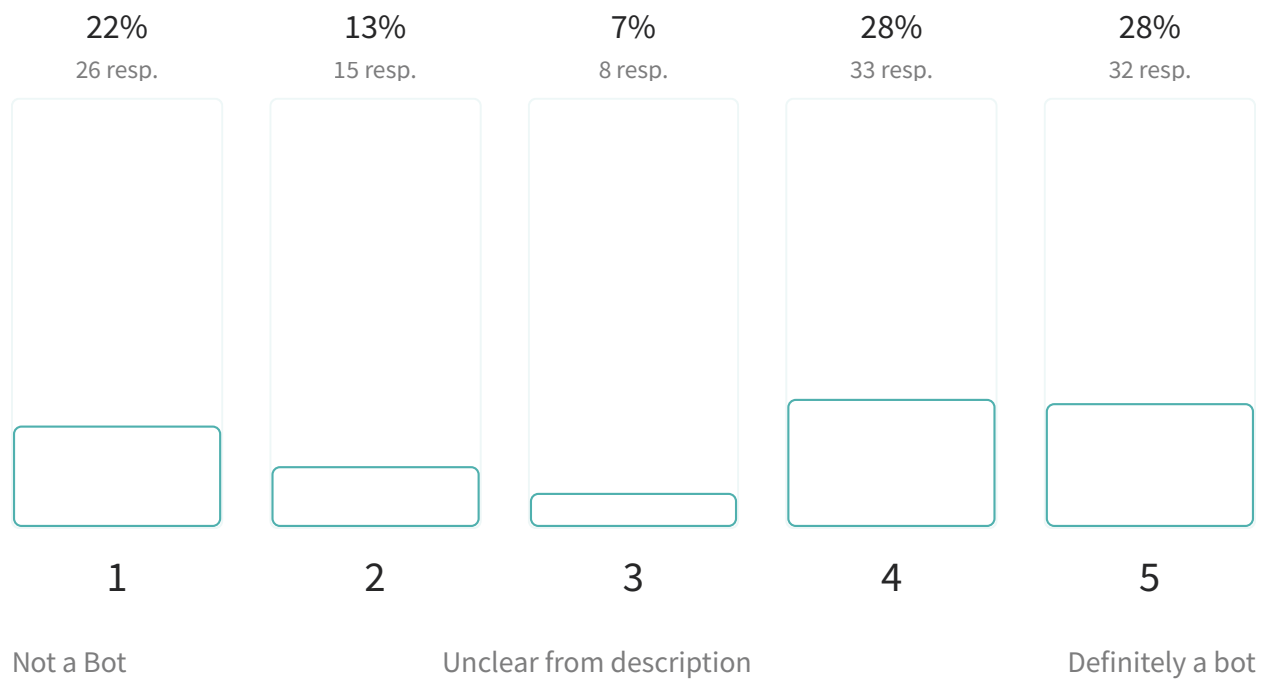
4.0 Average rating



A tool that is triggered by a new build and runs automated tests, the tool decides which tests to run depending on e.g. files changed or historic information.

114 out of 116 answered

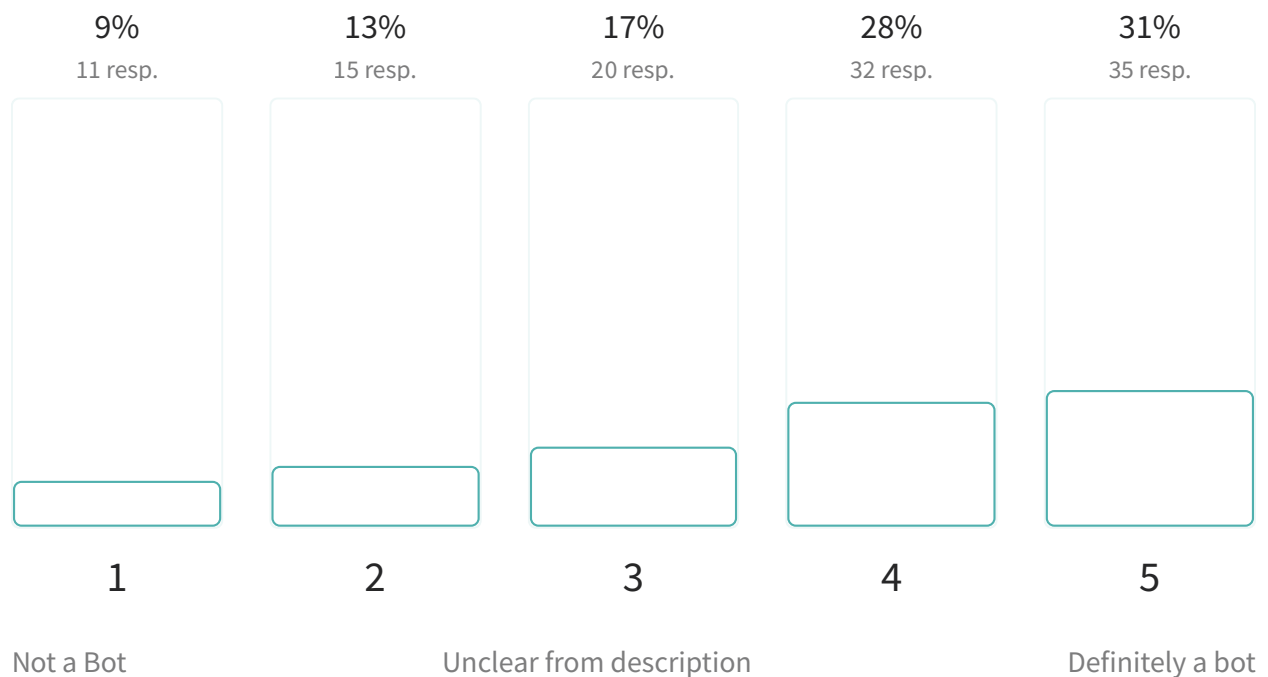
3.3 Average rating



A tool that creates merge requests to bugs detected in the CI pipeline. The bugfix is based on a fixed set of known solutions and the history of accepted or rejected fixes it has previously created for that specific project.

113 out of 116 answered

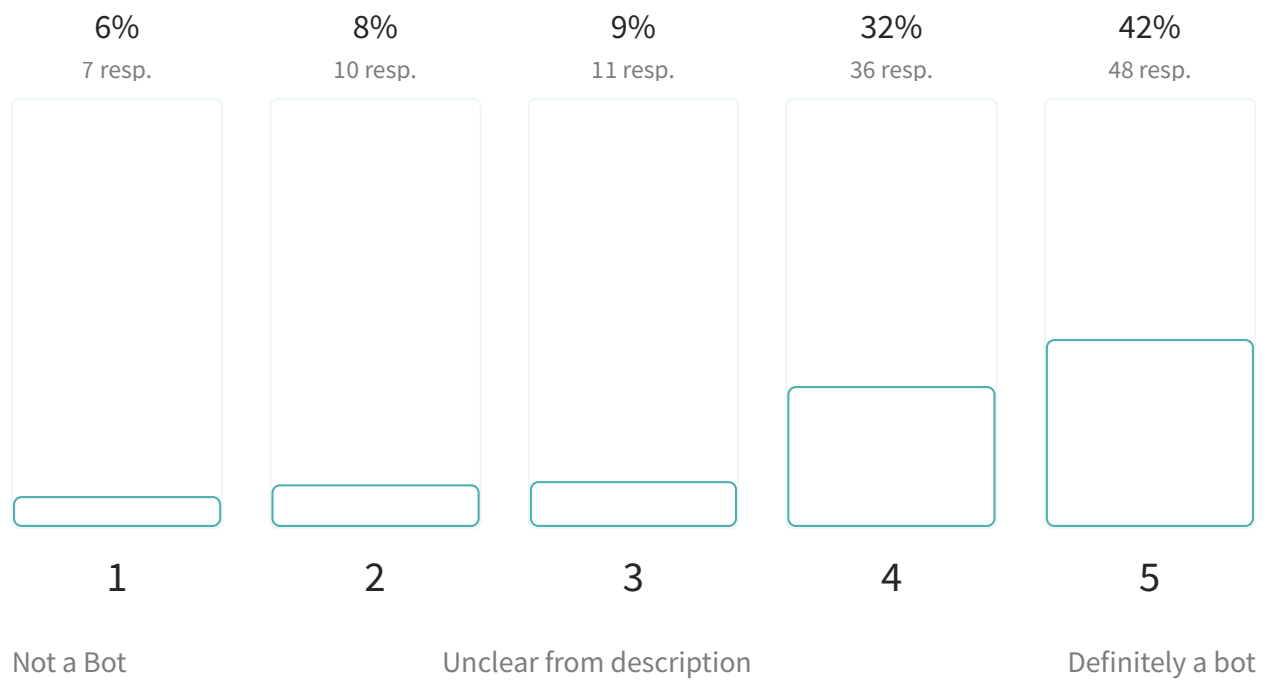
3.6 Average rating



A tool that creates merge requests for bugs detected in the CI pipeline. The bugfix is based on a machine learning algorithm, which trains a model using data mined from different repositories.

112 out of 116 answered

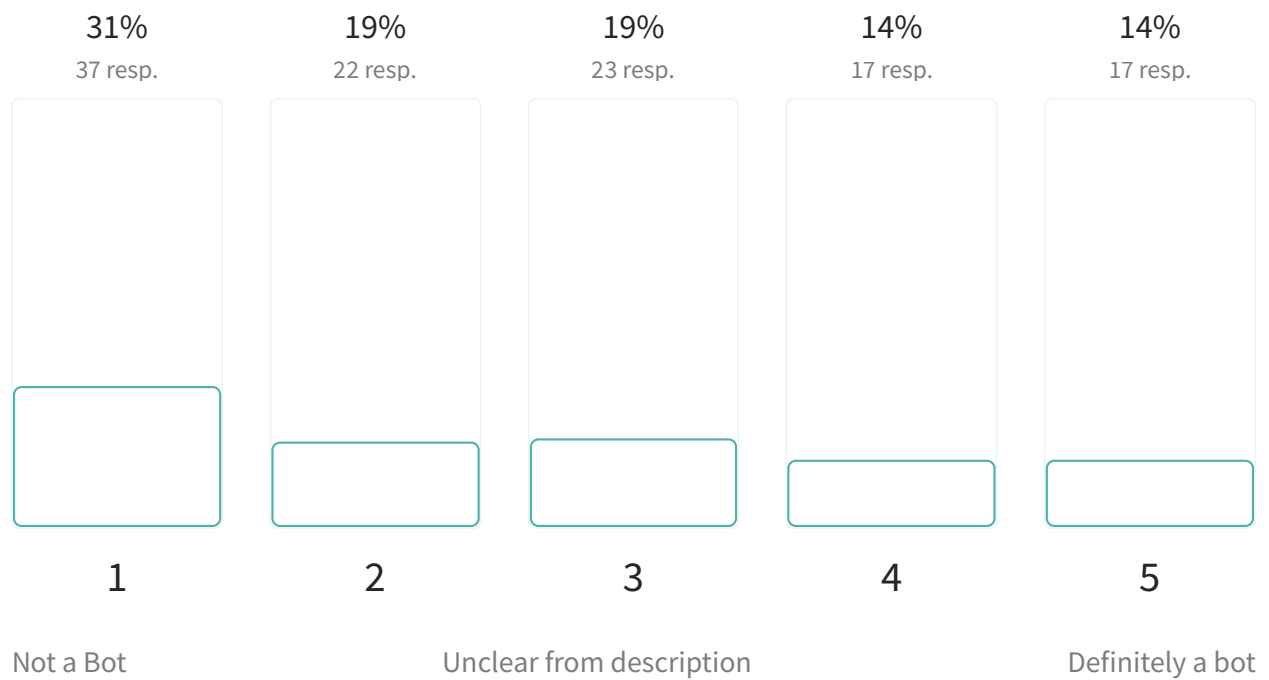
4.0 Average rating



A tool that in itself is a deployed entity and runs tests on another deployed entity when triggered by an engineer.

116 out of 116 answered

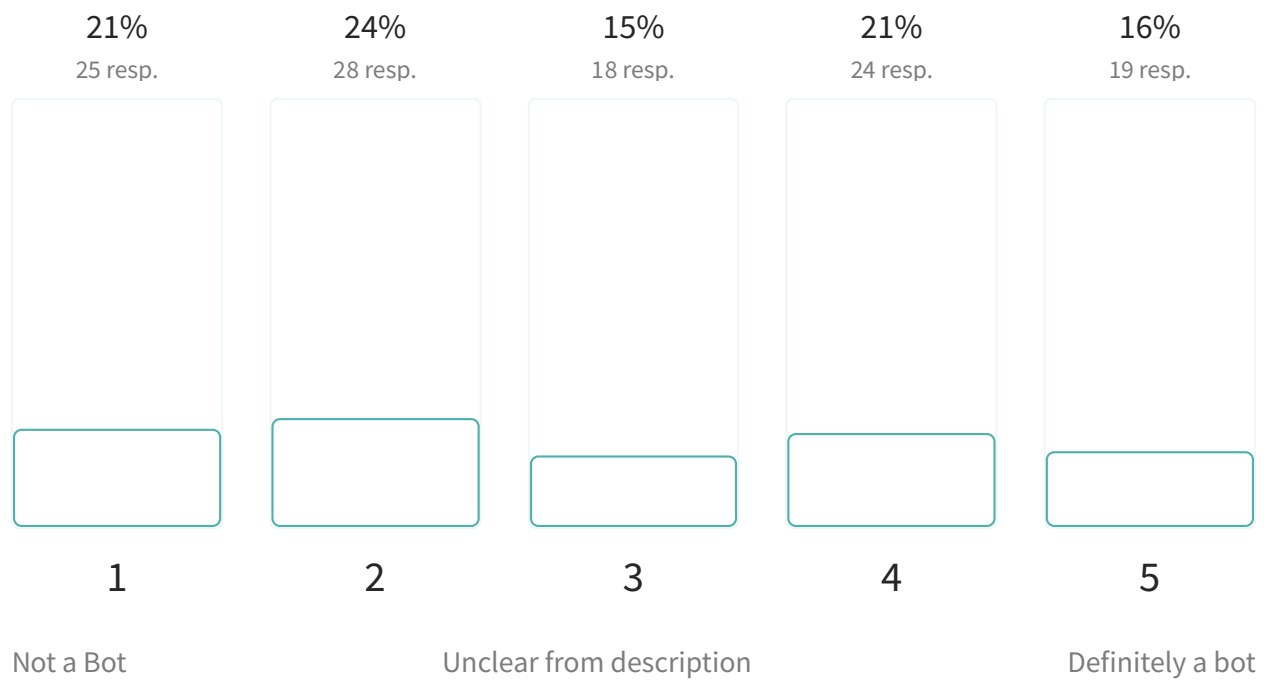
2.6 Average rating



A tool that in itself is a deployed entity and runs tests on another deployed entity, but now it runs periodically (without explicitly being triggered).

114 out of 116 answered

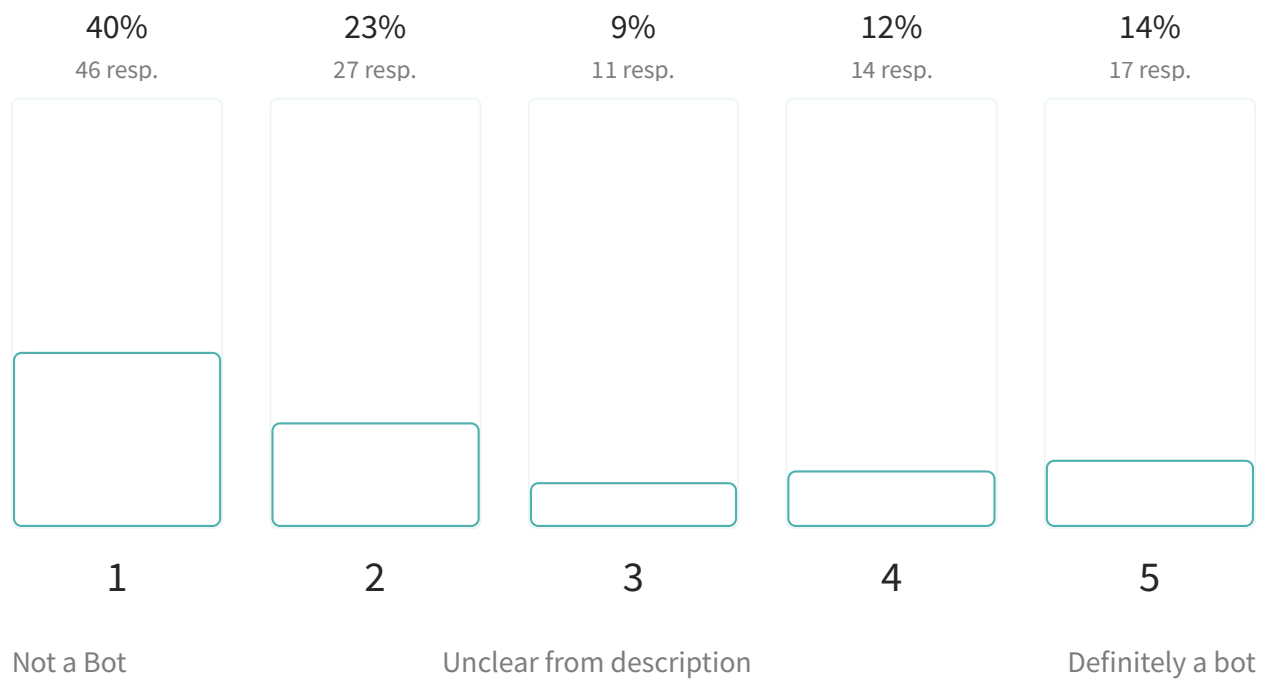
2.9 Average rating



A tool that performs static code analysis, e.g. code coverage analysis, and posts results to a separate web page.

115 out of 116 answered

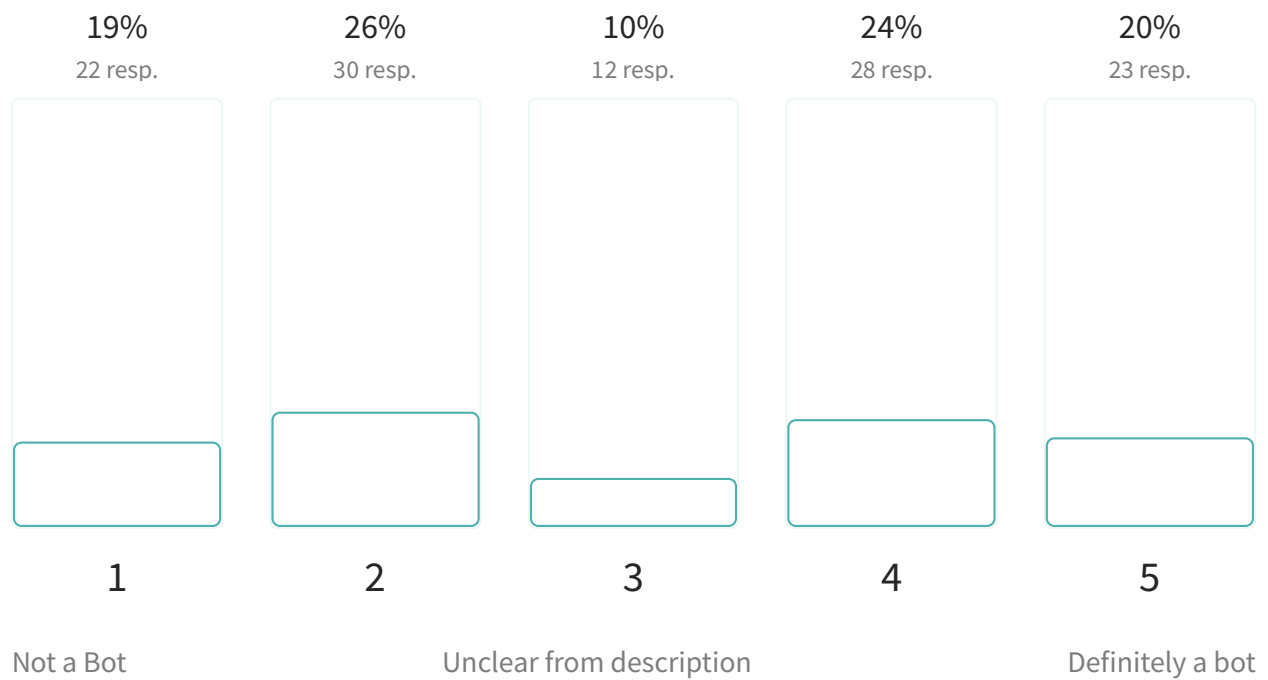
2.4 Average rating



A tool that performs static code analysis, e.g. code coverage analysis, but now it adds a comment with the results directly to the merge request.

115 out of 116 answered

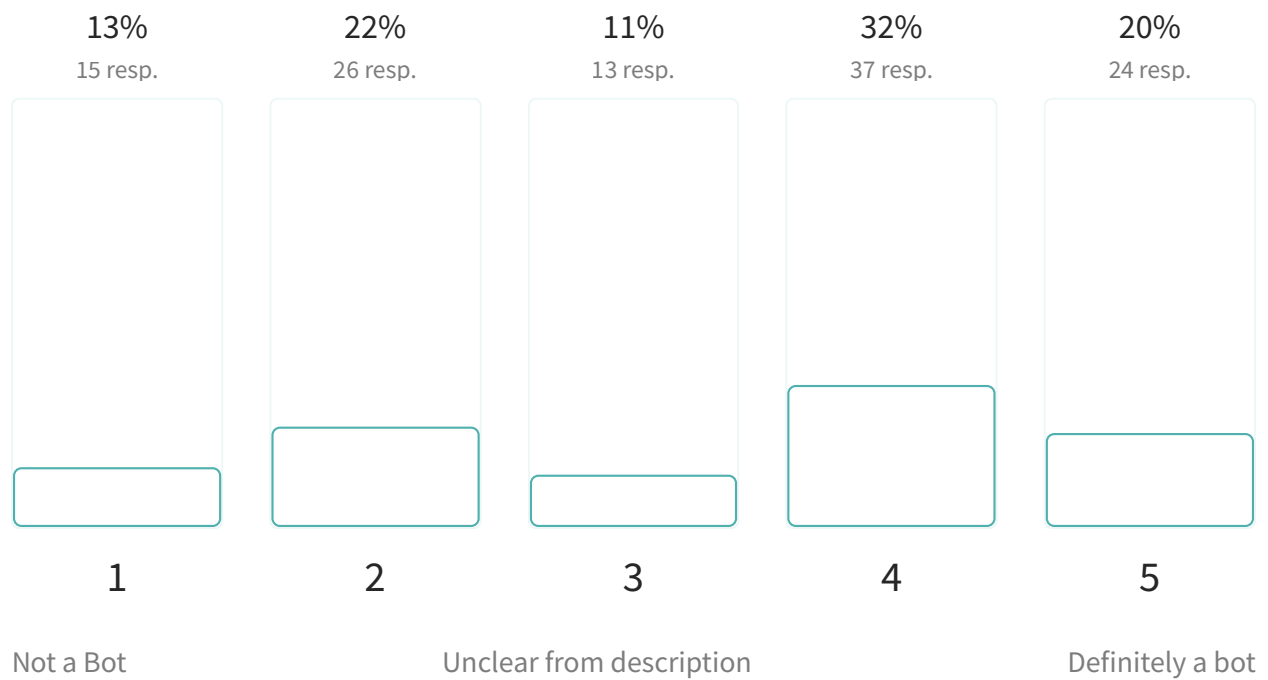
3.0 Average rating



A tool that fetches the result of the analysis executed by another tool and adds a comment with the results directly to the merge request.

115 out of 116 answered

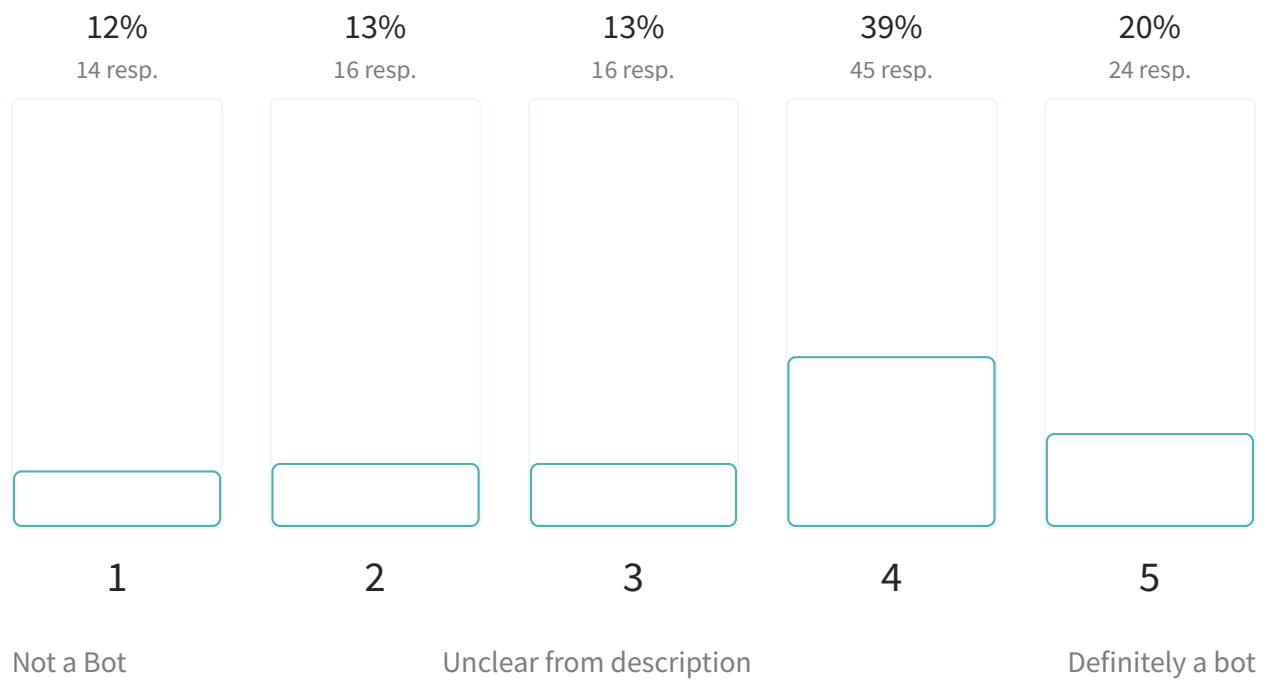
3.3 Average rating



A tool that fetches the result of the analysis done by another tool and send you a small report via chat.

115 out of 116 answered

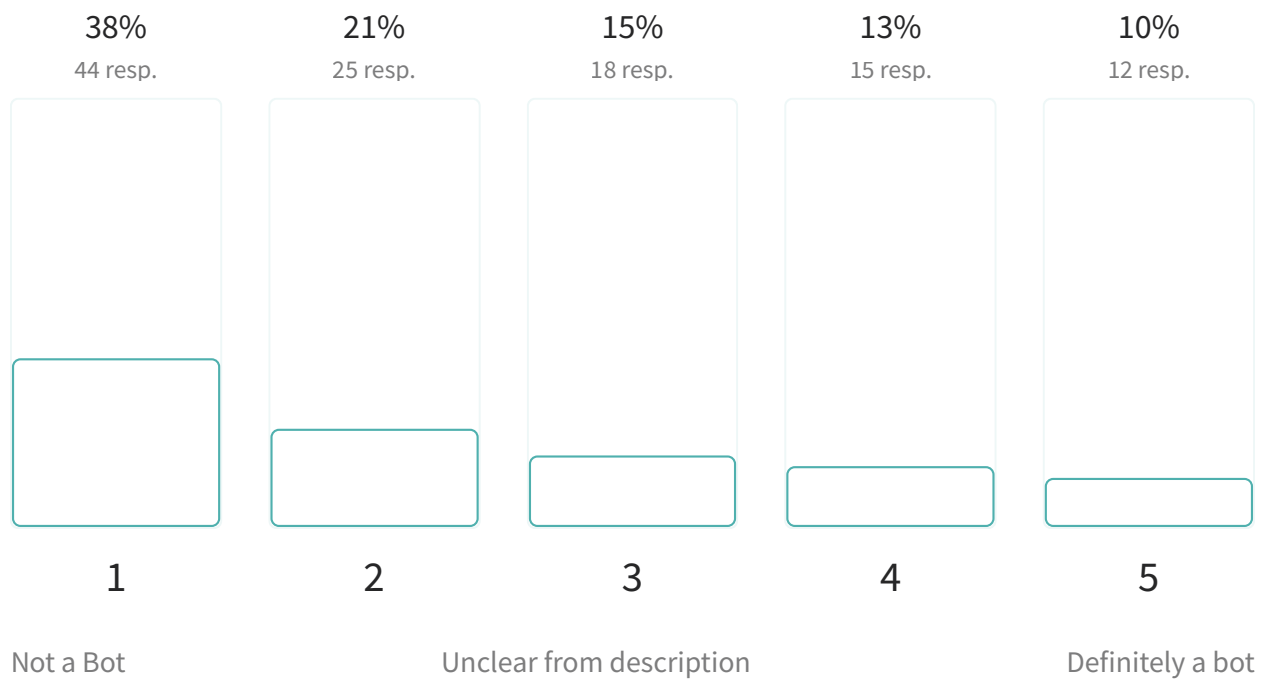
3.4 Average rating



by reading a specification file committed to your repository containing information regarding environment, size of machines etc

114 out of 116 answered

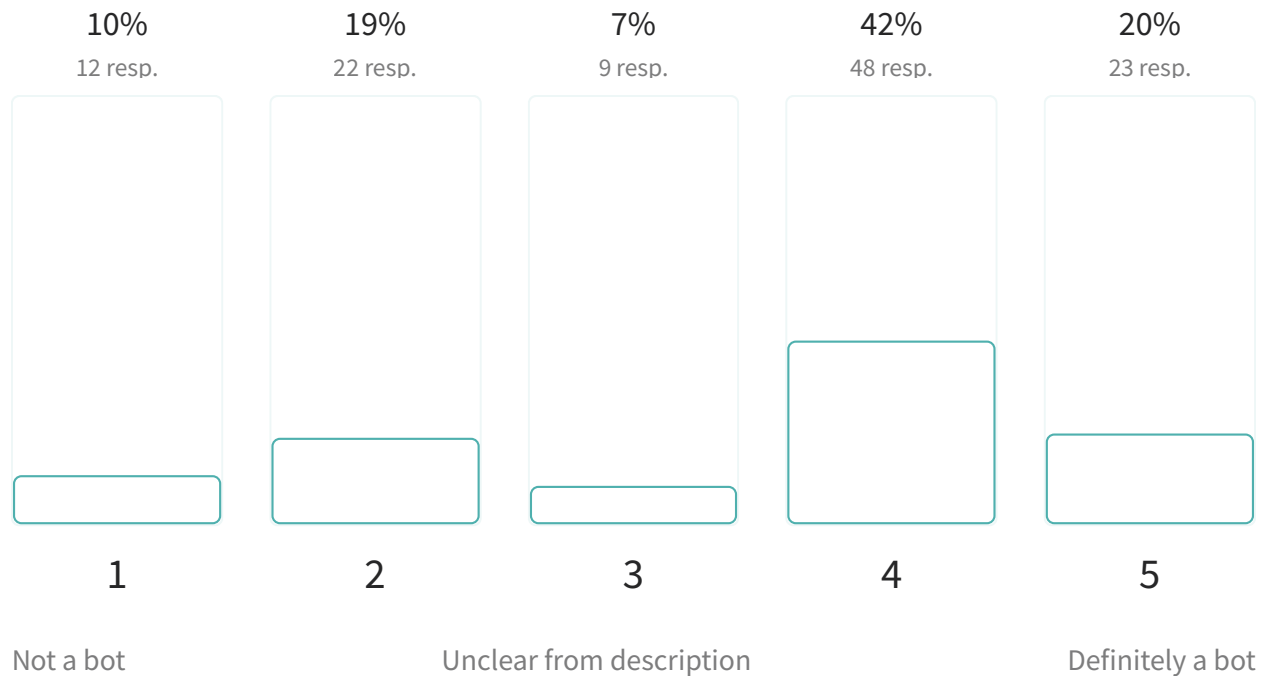
2.4 Average rating



via a chat - you have to write the request in a specific syntax

114 out of 116 answered

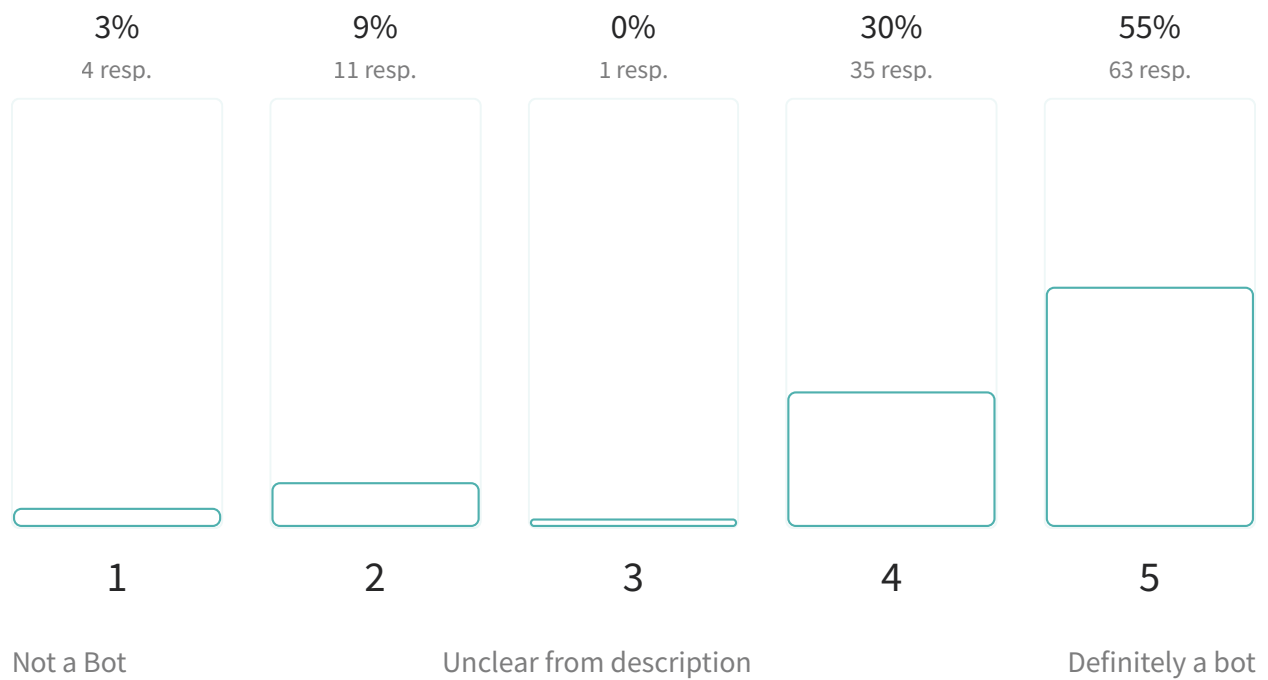
3.4 Average rating



via a chat - where you can write your request in free form and the tool will merely ask for clarifications or additional information

114 out of 116 answered

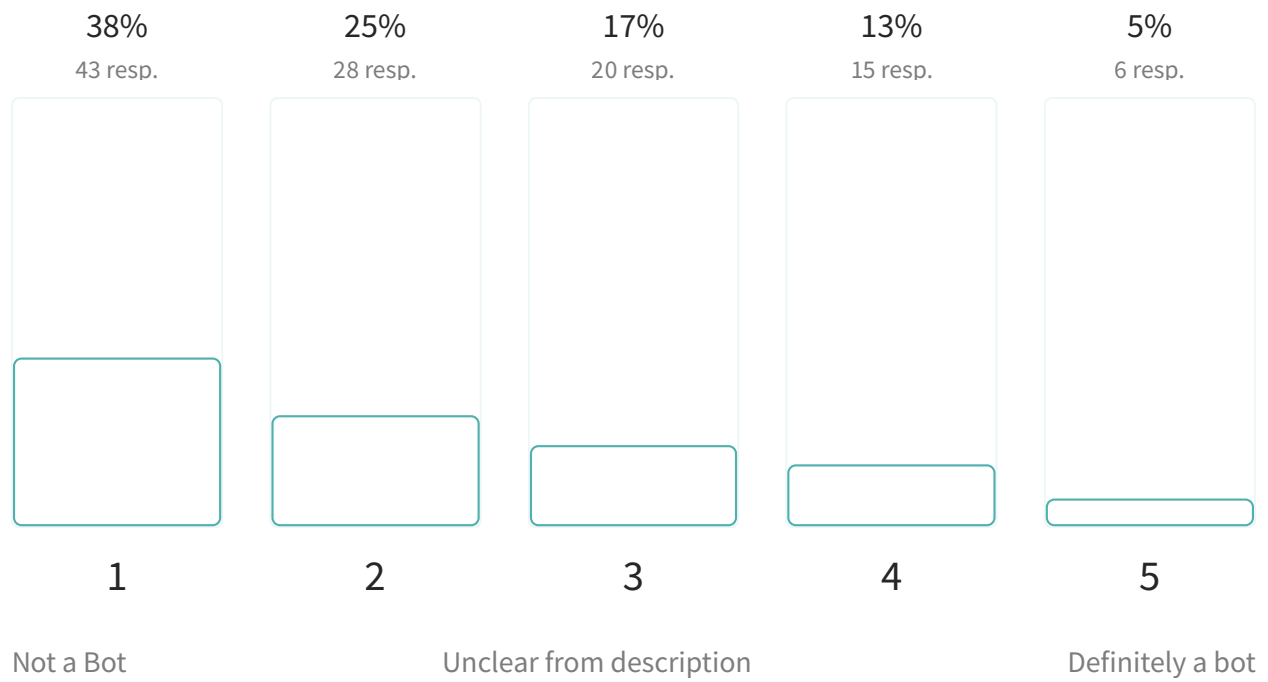
4.2 Average rating



via a CLI

112 out of 116 answered

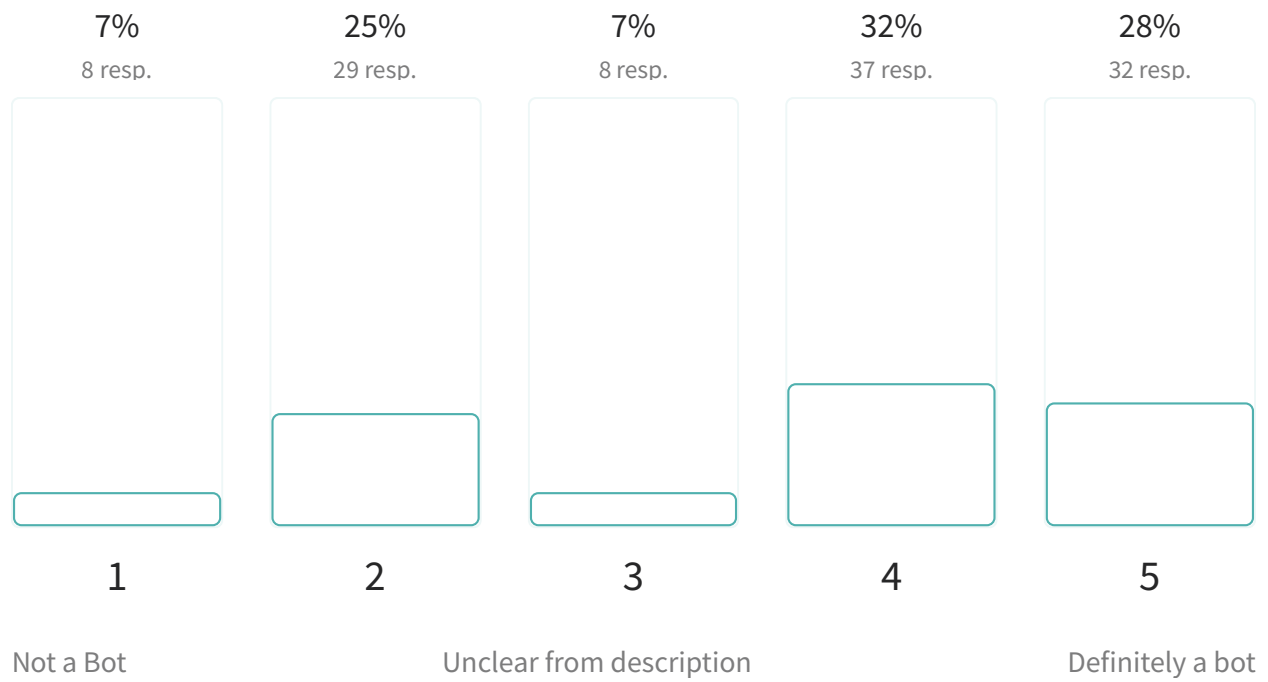
2.2 Average rating



via voice commands

114 out of 116 answered

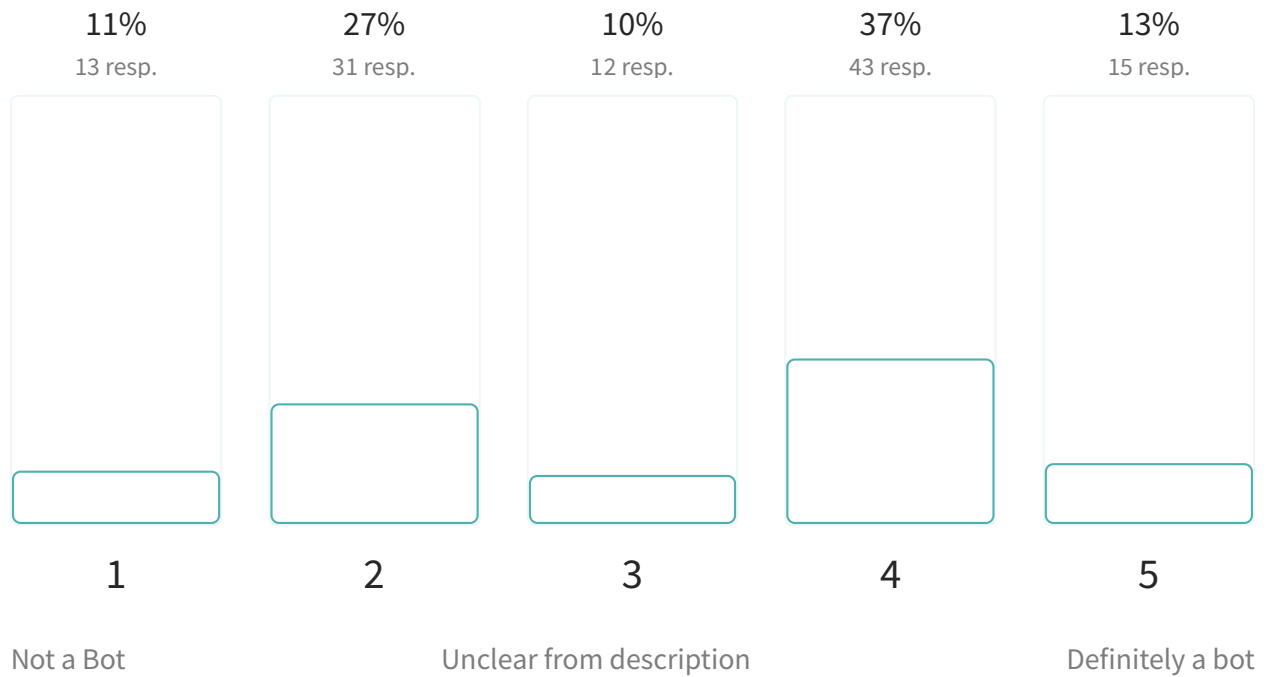
3.5 Average rating



A tool that reacts to merge requests to a repository, looks at the code and based on a number of parameters assigns suitable reviewers of that code.

114 out of 116 answered

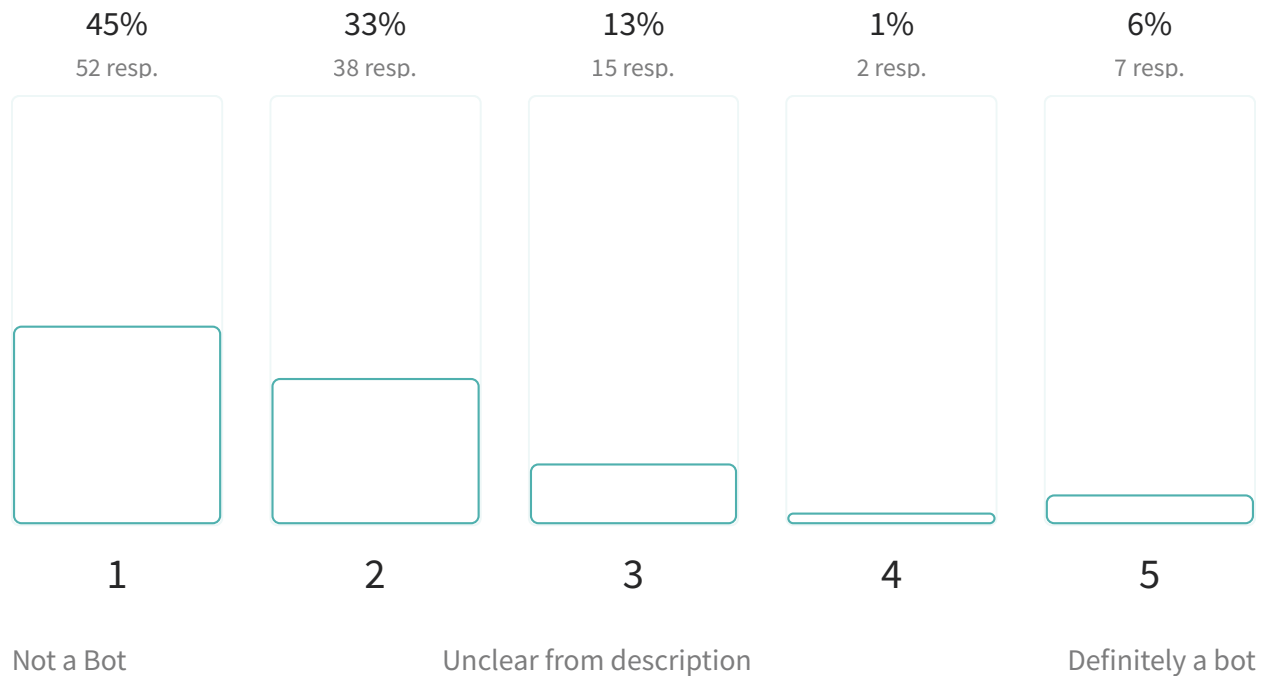
3.1 Average rating



A tool that runs a test request load on your system initiated from a CLI by an engineer

114 out of 116 answered

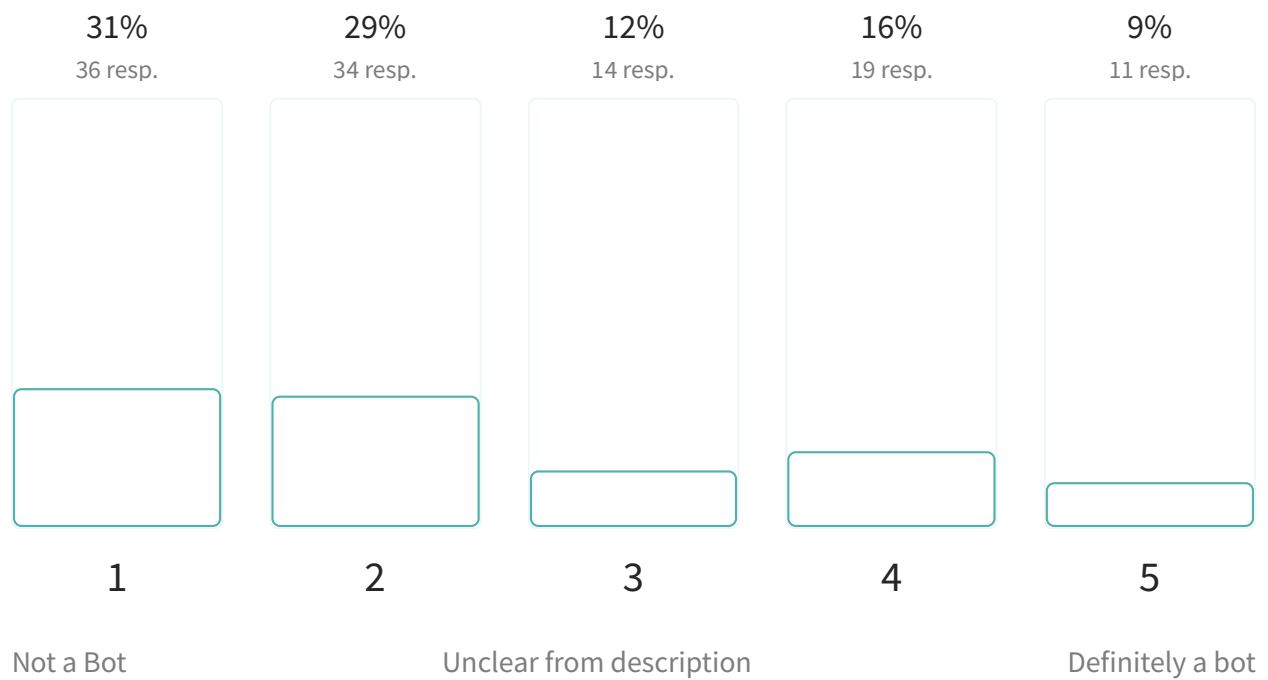
1.9 Average rating



A tool that runs a test request load on your system, but now it is initiated by the launch of a new version of one of the parts of your system

114 out of 116 answered

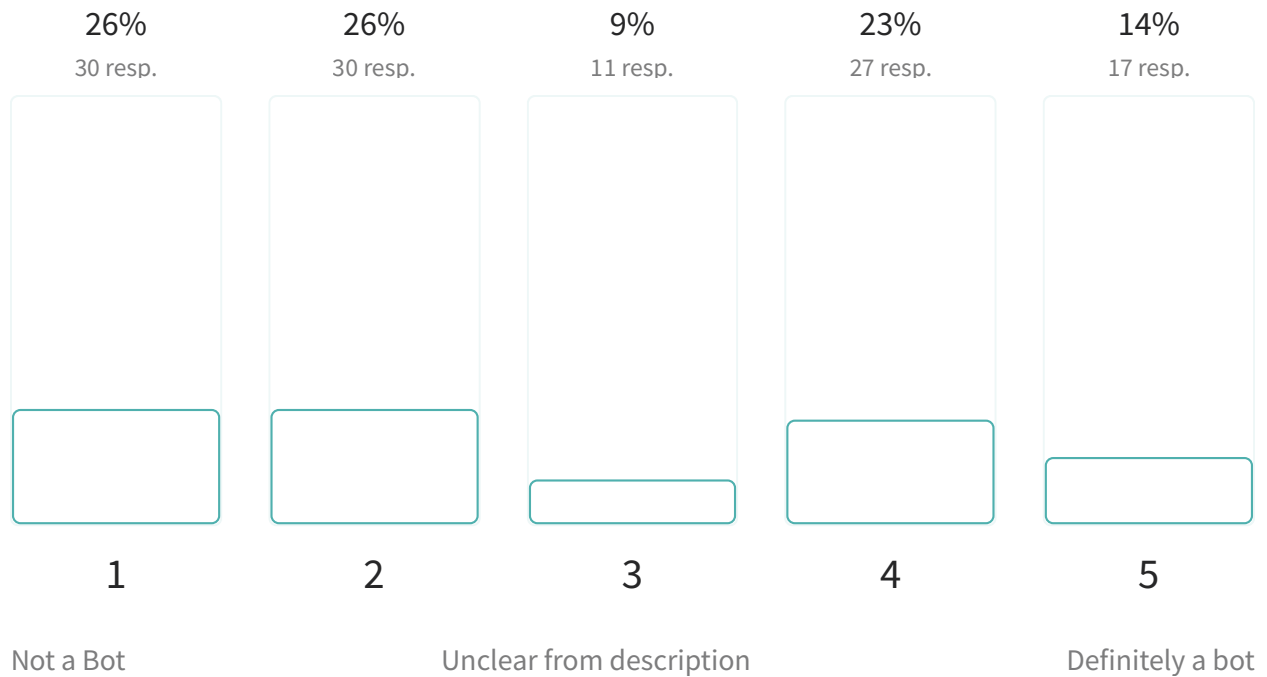
2.4 Average rating



and sends you an email report when it finds one.

115 out of 116 answered

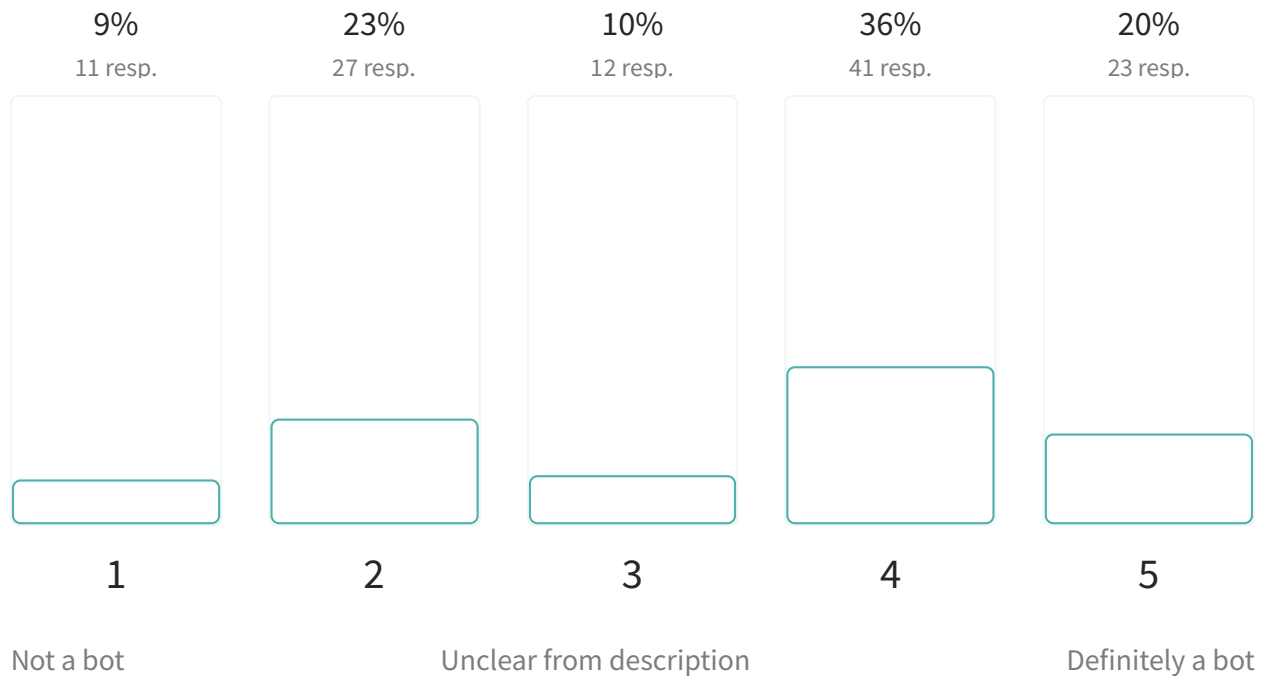
2.7 Average rating



and reports back via chat.

114 out of 116 answered

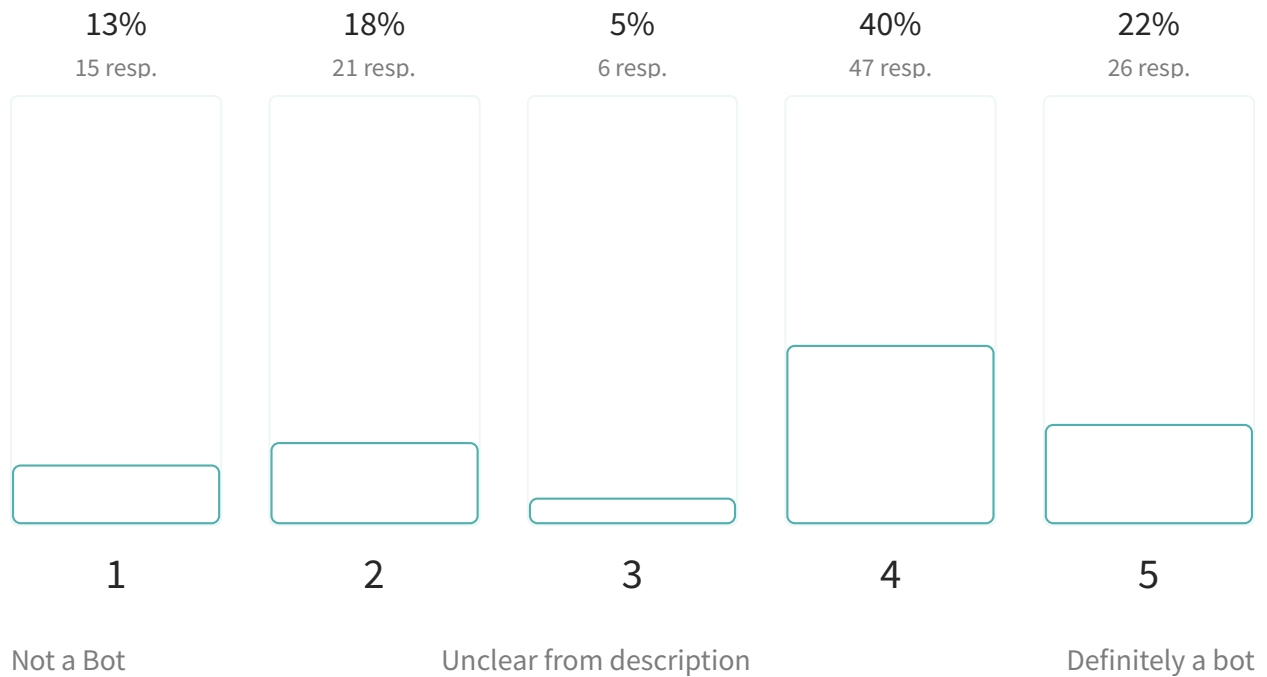
3.3 Average rating



and sends a merge request that updates this dependency.

115 out of 116 answered

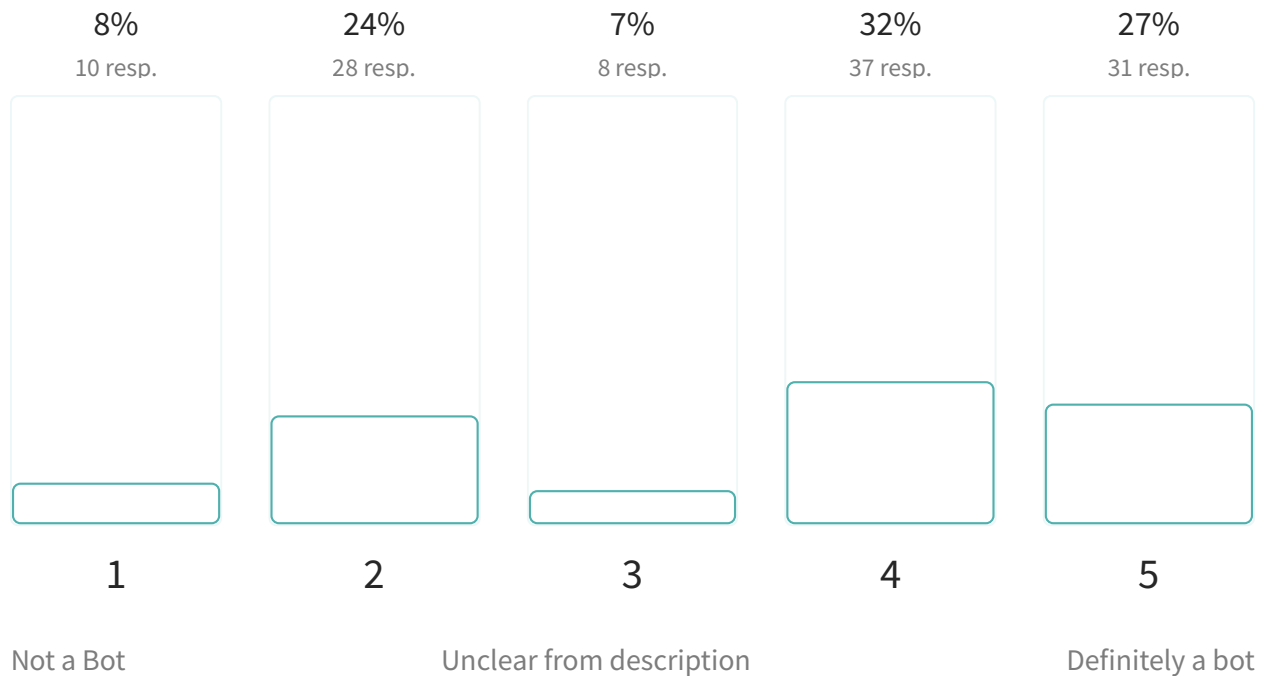
3.4 Average rating



and creates a ticket for the issue in you ticket/task/bug-reporting system.

114 out of 116 answered

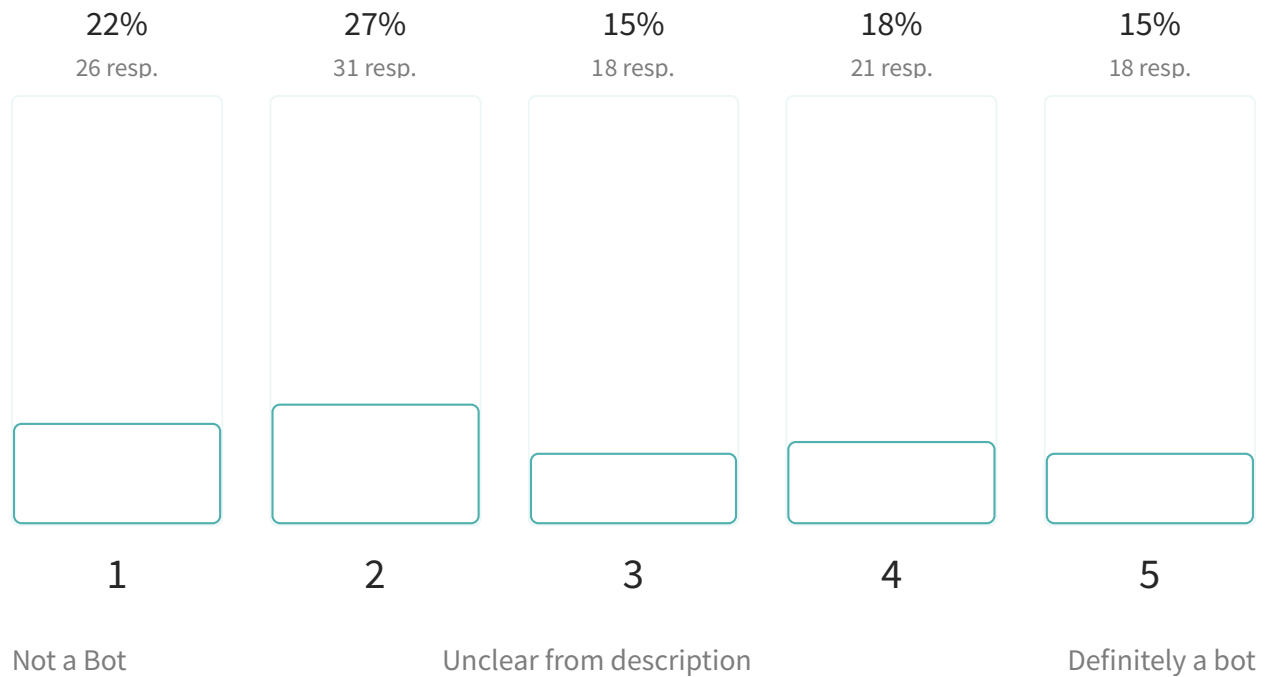
3.4 Average rating



A tool that suggests improvements to code you are writing integrated into your IDE.

114 out of 116 answered

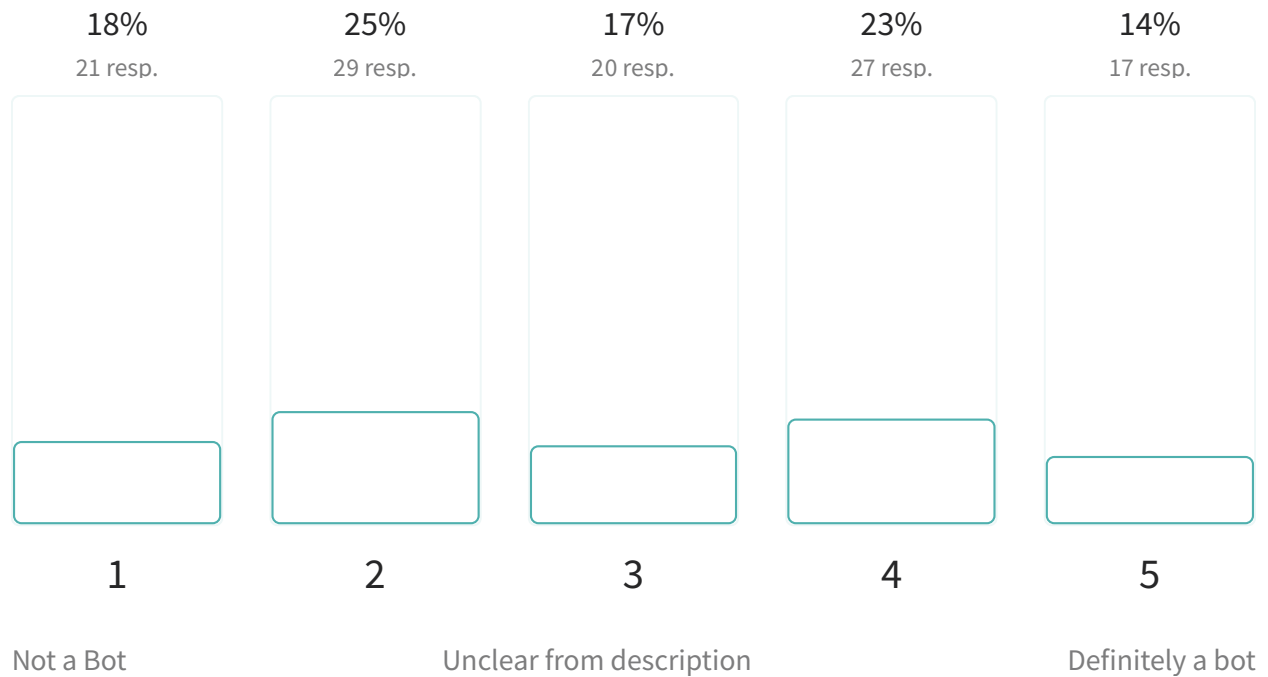
2.8 Average rating



A tool that suggests improvements to code integrated into your code review system.

114 out of 116 answered

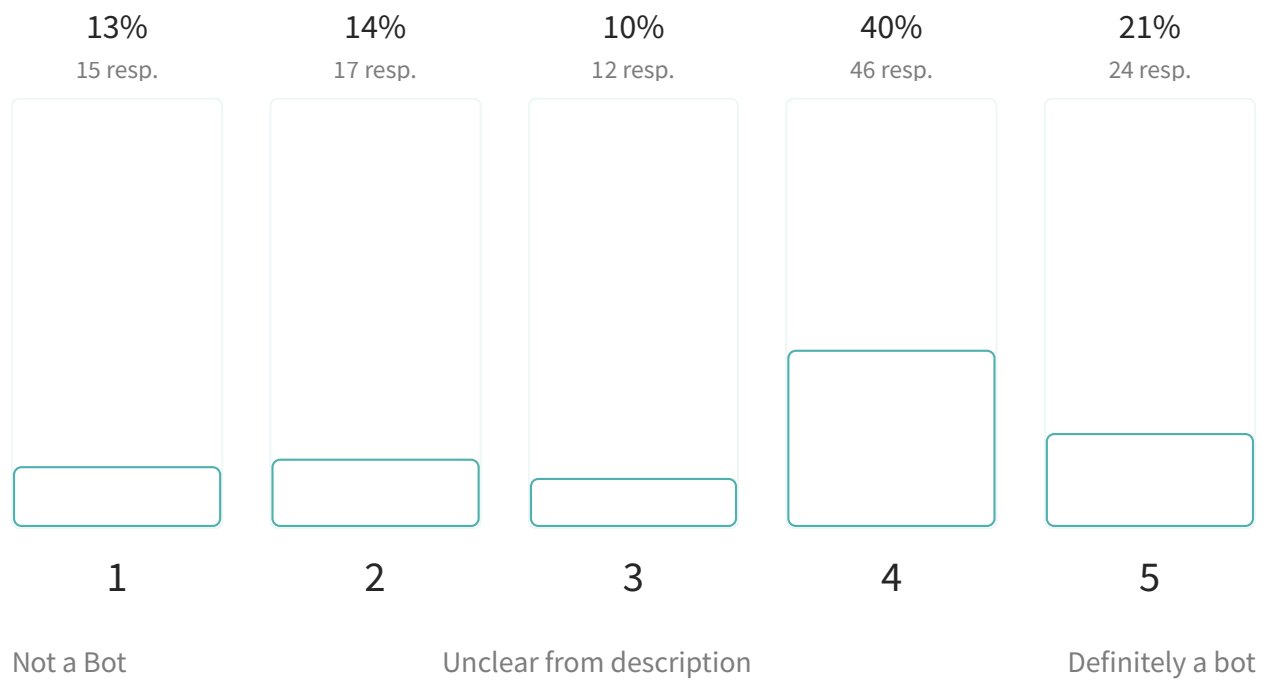
2.9 Average rating



A tool that suggests improvements to code, but now it iterates over repositories in your version control system and adds suggestions as merge requests.

114 out of 116 answered

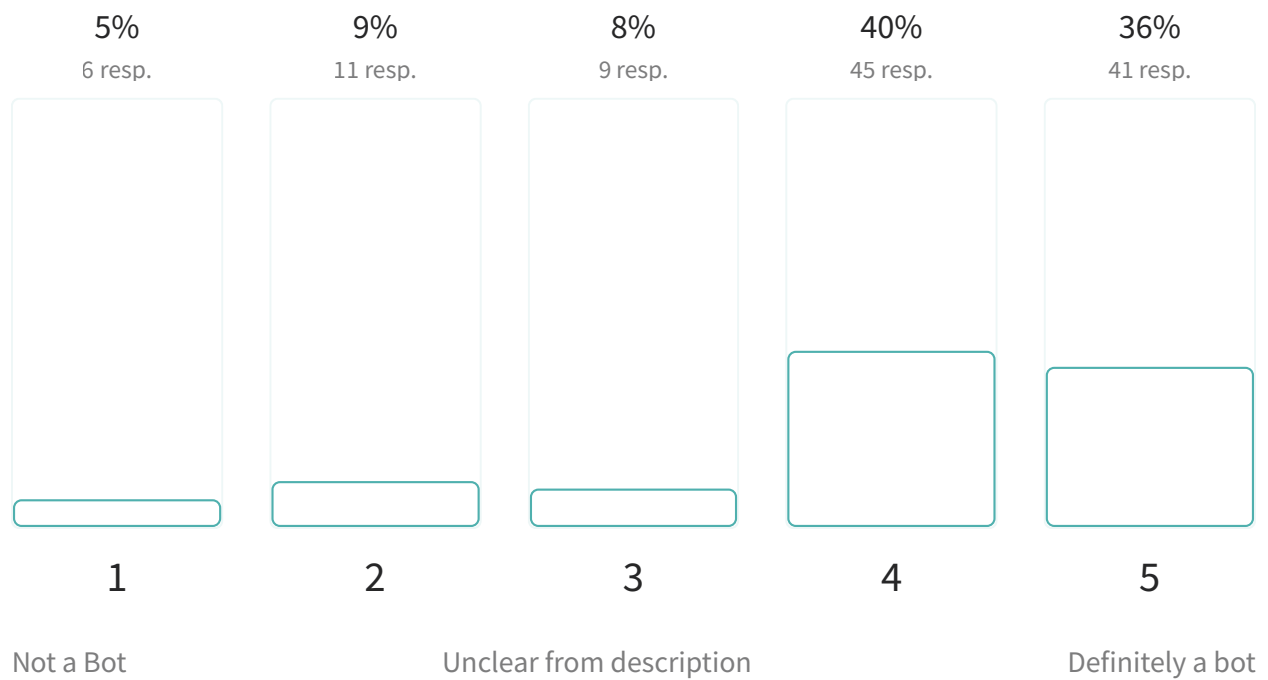
3.4 Average rating



A tool that while you're writing questions in a chat with someone else autonomously suggests links to other sites which it thinks contains useful information to your problem.

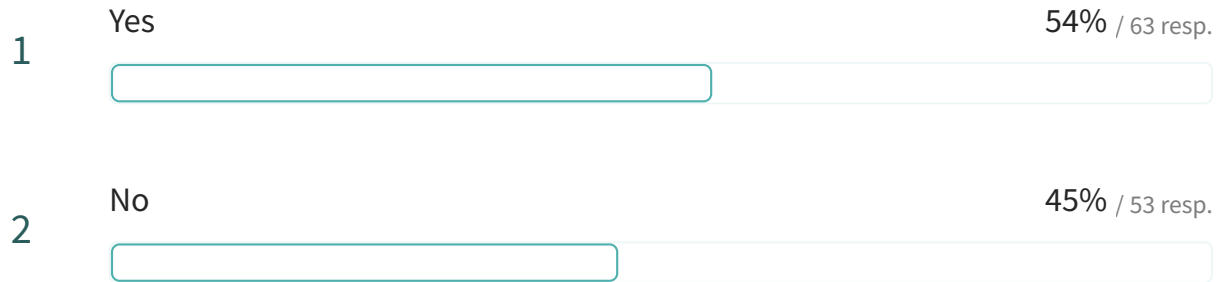
112 out of 116 answered

3.9 Average rating



Have you used any bots in Software development related tasks?

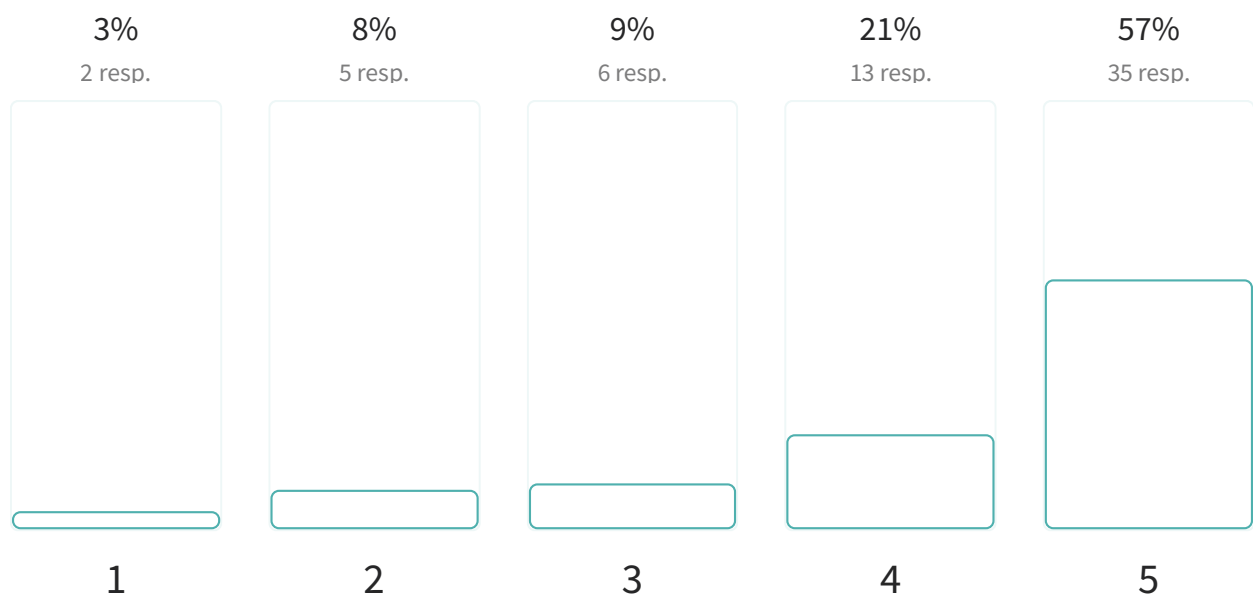
116 out of 116 answered



Focus on less mundane tasks

61 out of 116 answered

4.2 Average rating



Disagree

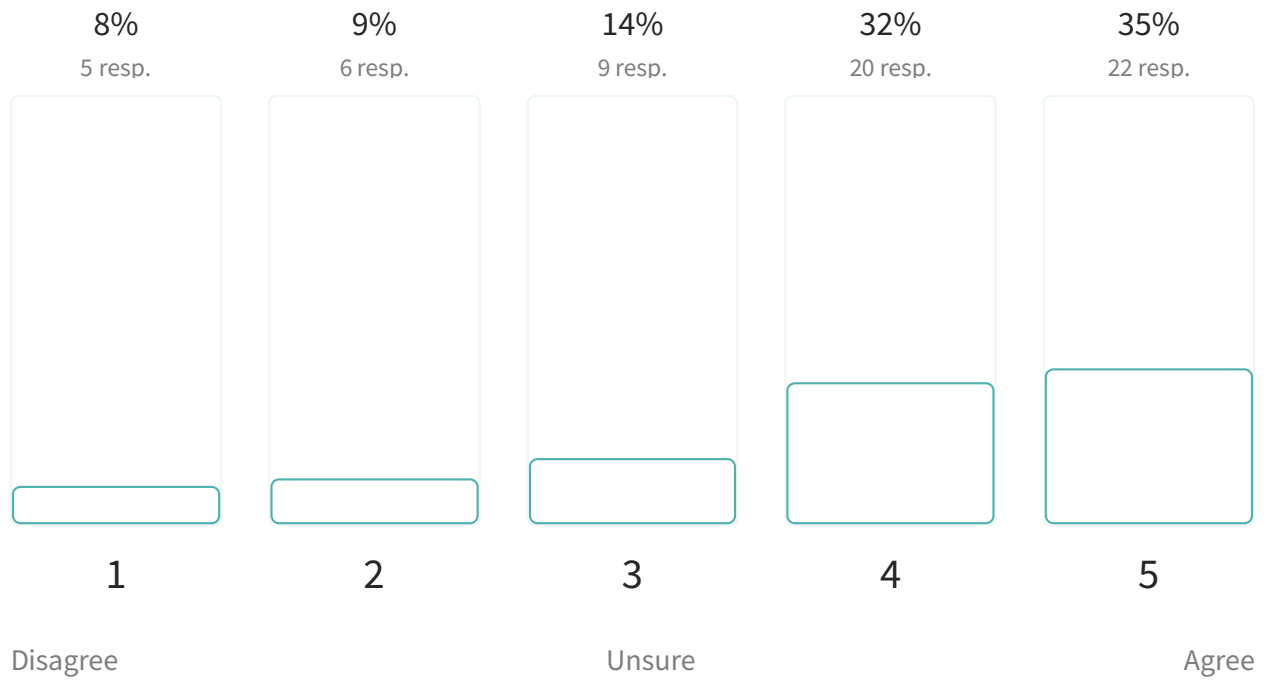
Unsure

Agree

See all necessary information in one place instead of having to log in to several systems

62 out of 116 answered

3.8 Average rating



61 out of 116 answered

A horizontal bar chart with five bars representing a Likert scale from 1 to 5. The bars are light blue with dark blue outlines. Above each bar, the percentage of respondents and the number of responses are listed. Below the bars, the scale anchors are provided: 'Disagree' at the left, 'Unsure' in the middle, and 'Agree' at the right.

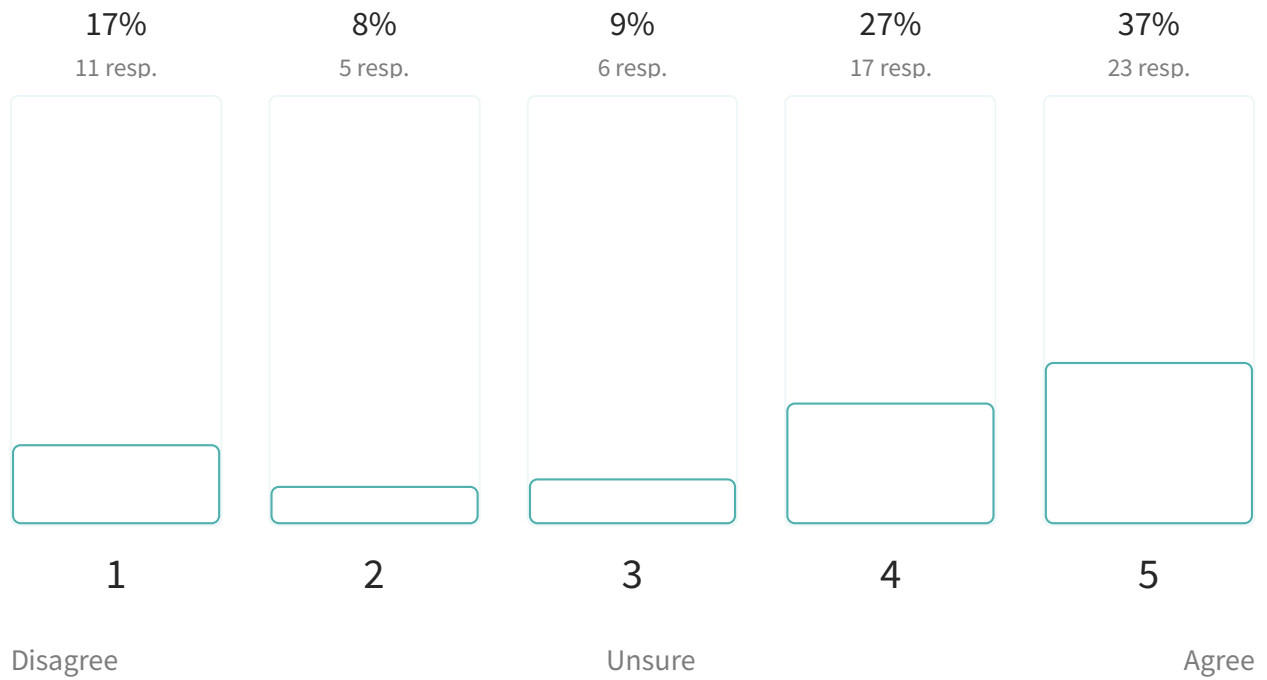
Response	Percentage	Number of Responses
1	11%	7 resp.
2	6%	4 resp.
3	14%	9 resp.
4	29%	18 resp.
5	37%	23 resp.

Disagree Unsure Agree

Being confident in the quality of our integrations

62 out of 116 answered

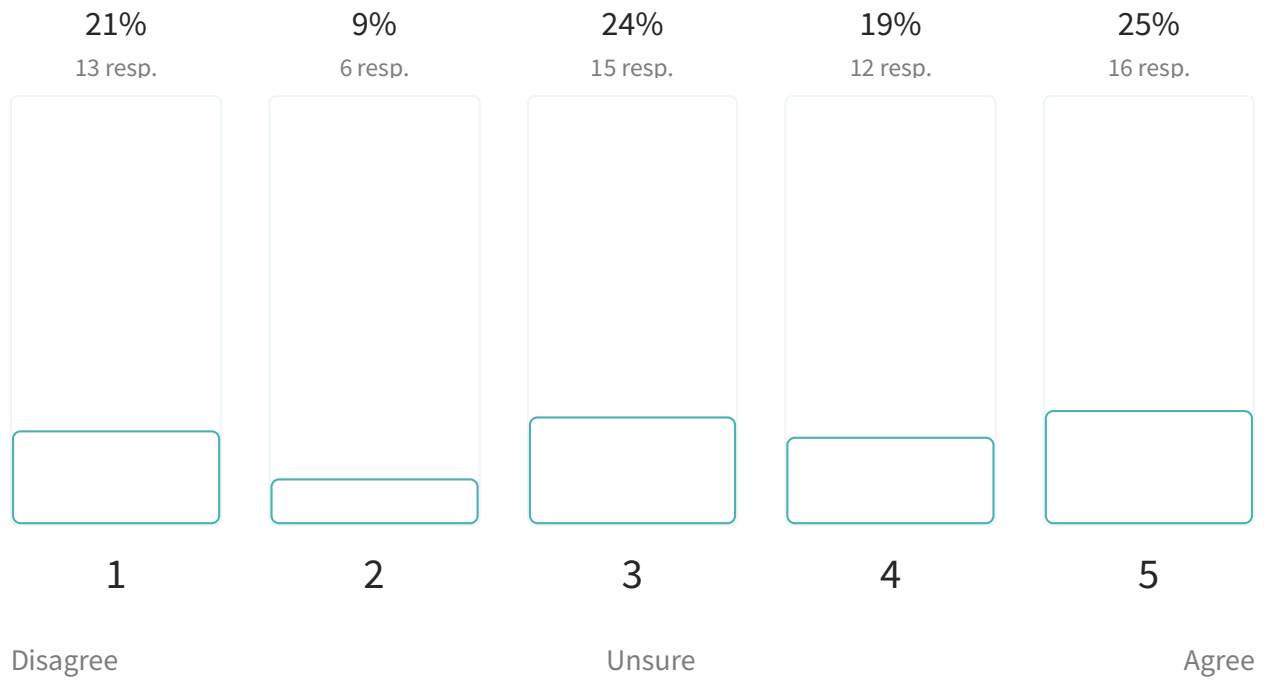
3.6 Average rating



Use one interface to find all sorts of information regarding our system, documentation or code base

62 out of 116 answered

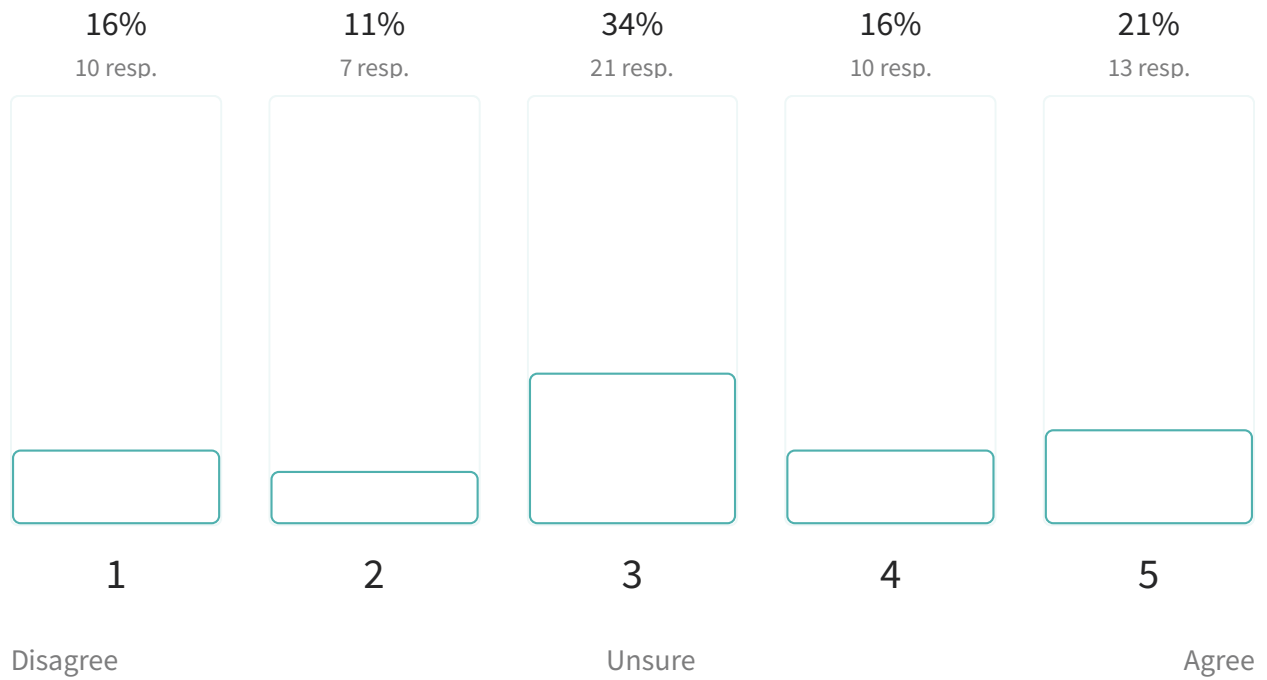
3.2 Average rating



Use one interface for chatops

61 out of 116 answered

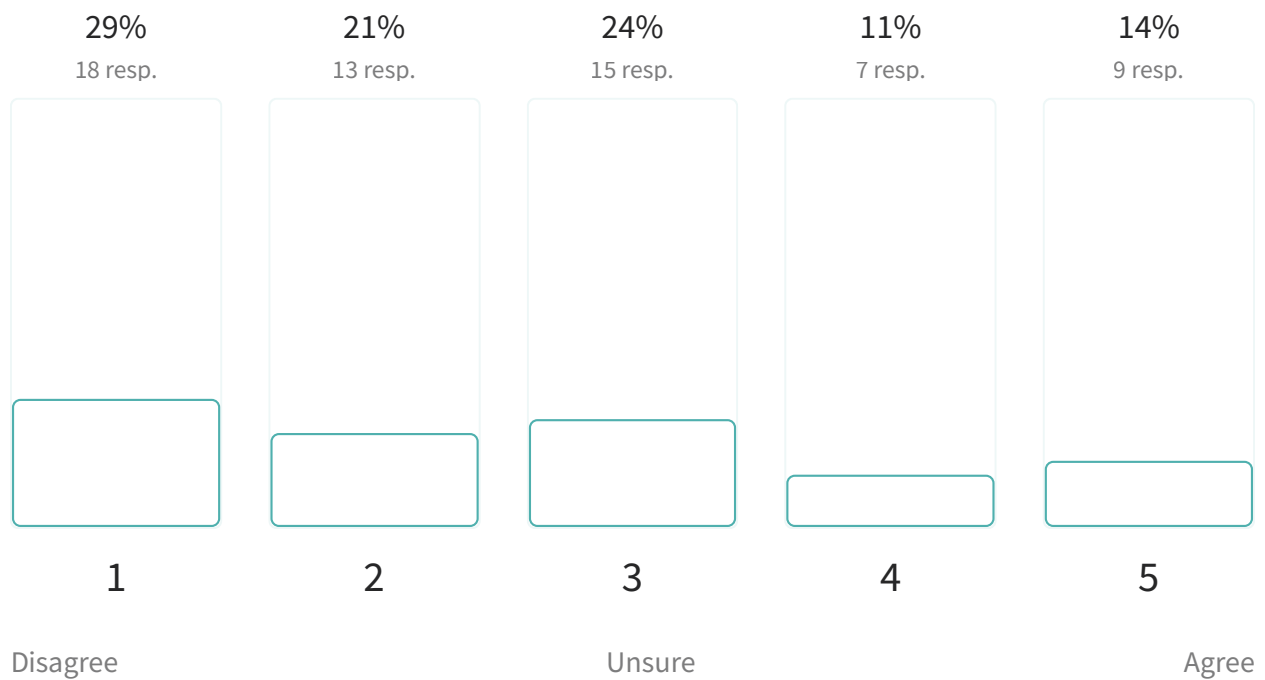
3.1 Average rating



Decrease cost by automatically clean up unused system resources (e.g., unused containers or cloud instances)

62 out of 116 answered

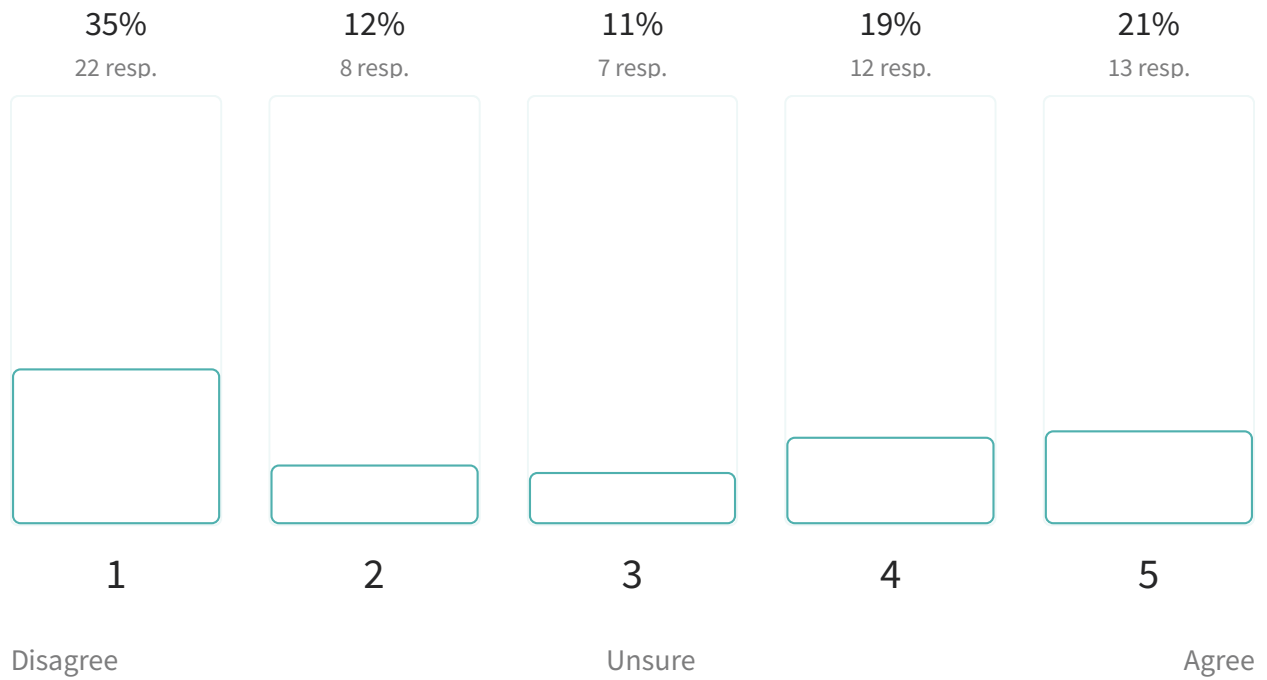
2.6 Average rating



Collect and analyse large chunks of data

62 out of 116 answered

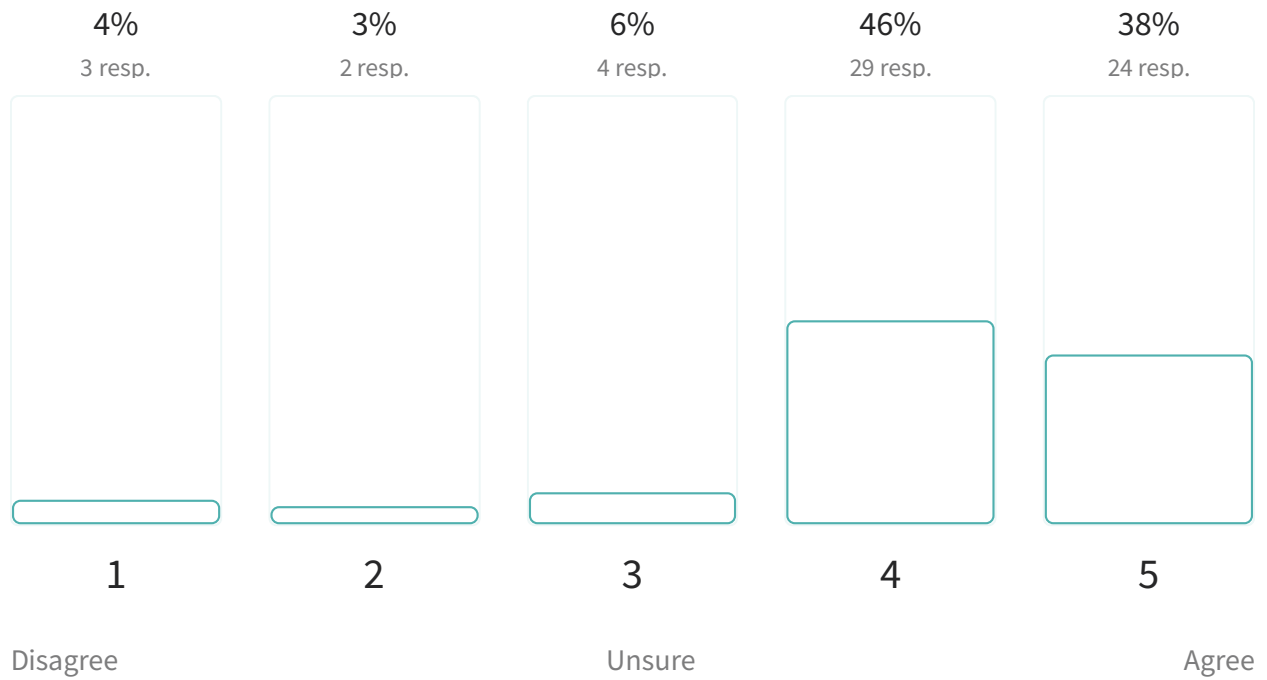
2.8 Average rating



Be quickly aware of problems that occur

62 out of 116 answered

4.1 Average rating



Start coding immediately on a new problem and not having to start by updating the dependencies etc when the code hasn't been looked at in a while.

62 out of 116 answered

2.7 Average rating

