

This survey assesses code contribution behavior (commits) in open and closed source software projects.

The survey is run by the [Open Source Research Group](#) at the University of Erlangen-Nuremberg under supervision by [Prof. Dr. Dirk Riehle](#).

Welcome to this short survey! And thank you for helping us understand code contributions (commits) in software projects.

You will be asked some questions about commits. Some clarifications:

- 1. A commit is a check-in to a code repository**
- 2. With open source, we mean all of open source, not a specific project, so please think "across all projects"**
- 3. A commit's size is measured in lines of code, including comments, ignoring empty lines**

You will have to guess some of the answers. Please do so, its intentional! (We need your smarts.) If you can't avoid it, then just skip the question. We know that we can measure the answers to some questions, but we would like to know as much what you think is the case as what mining open source repositories will tell us.

If you would like to hear about the results, just let us know at the end of the survey.

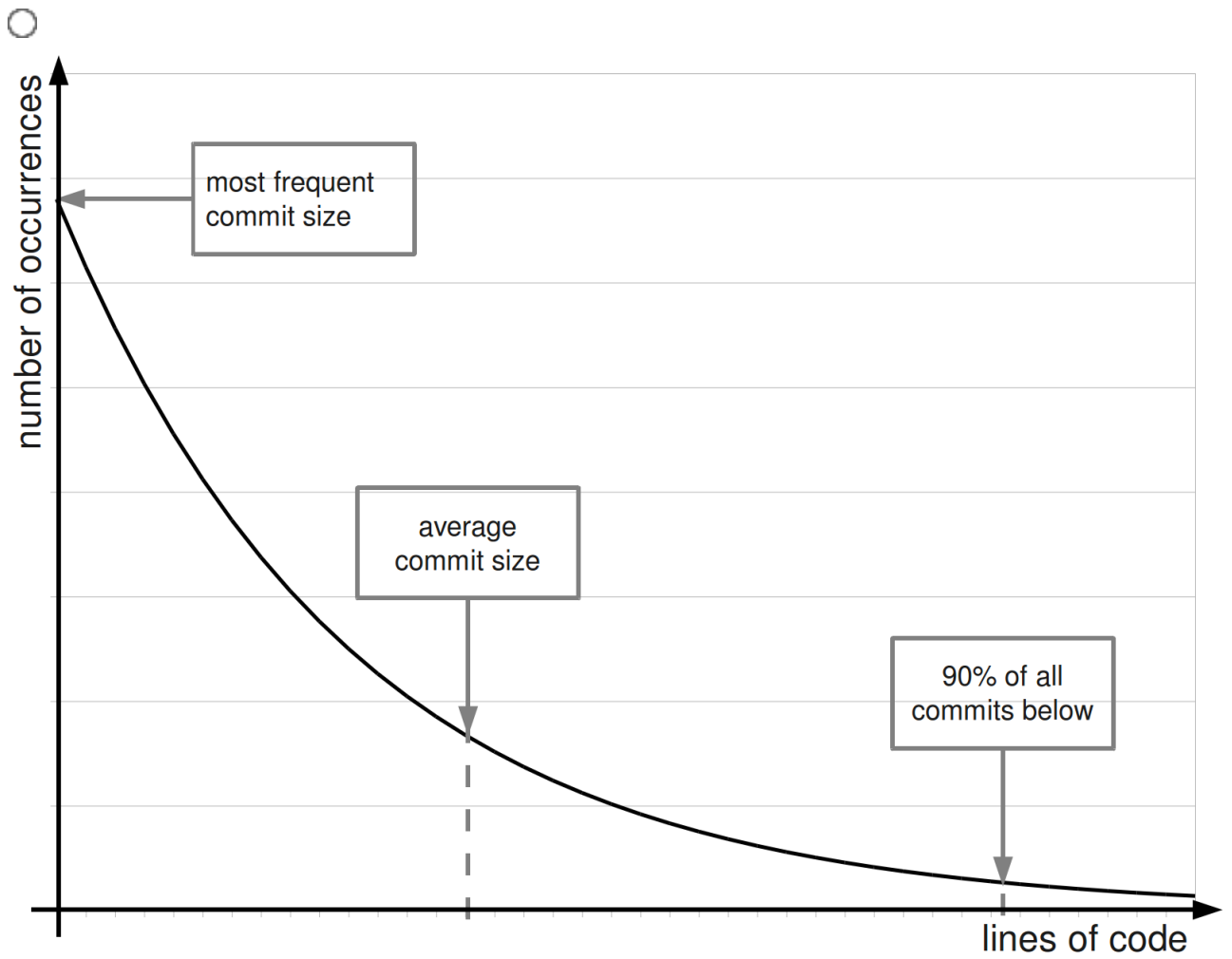
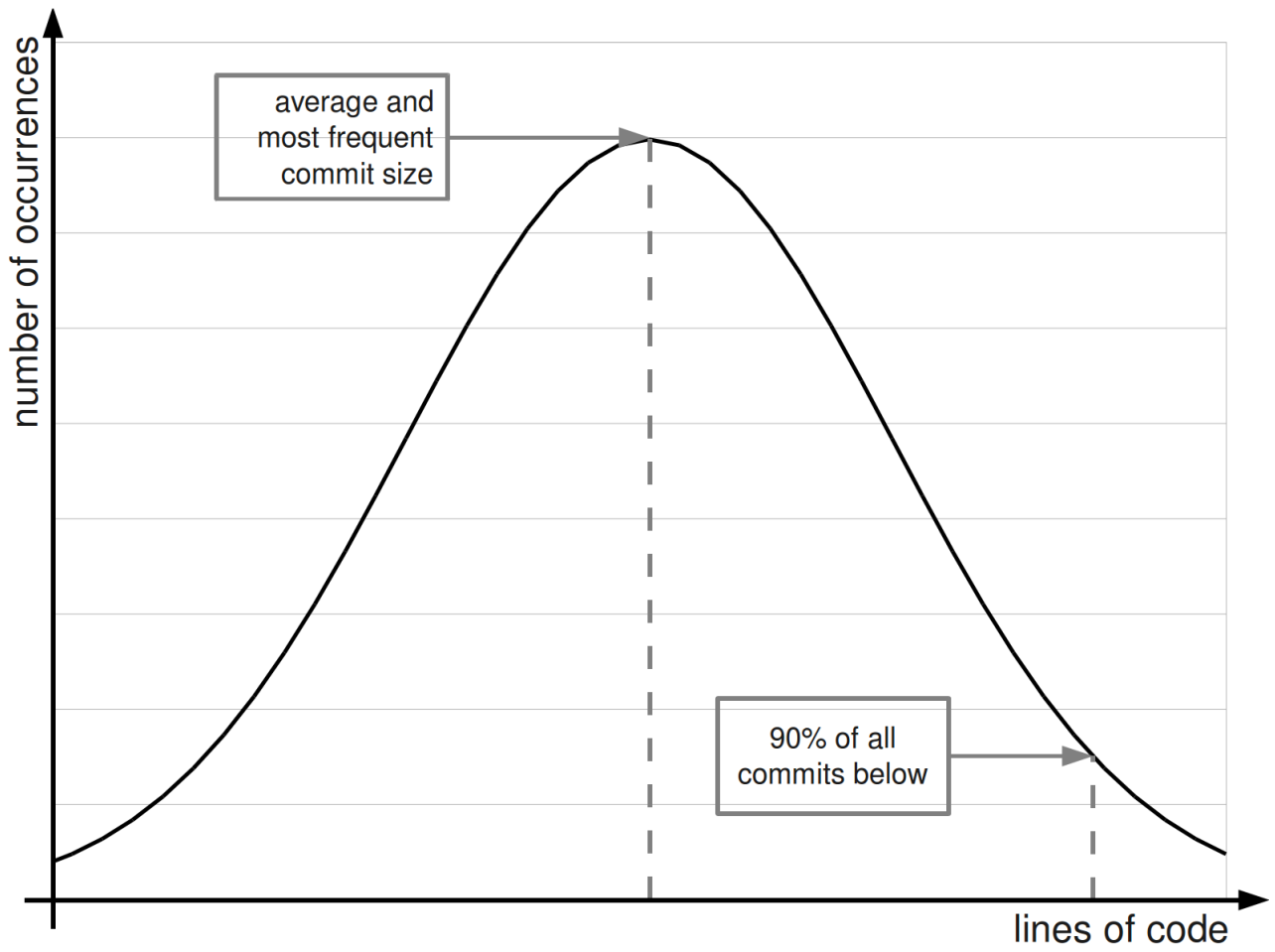
There are 14 questions in this survey

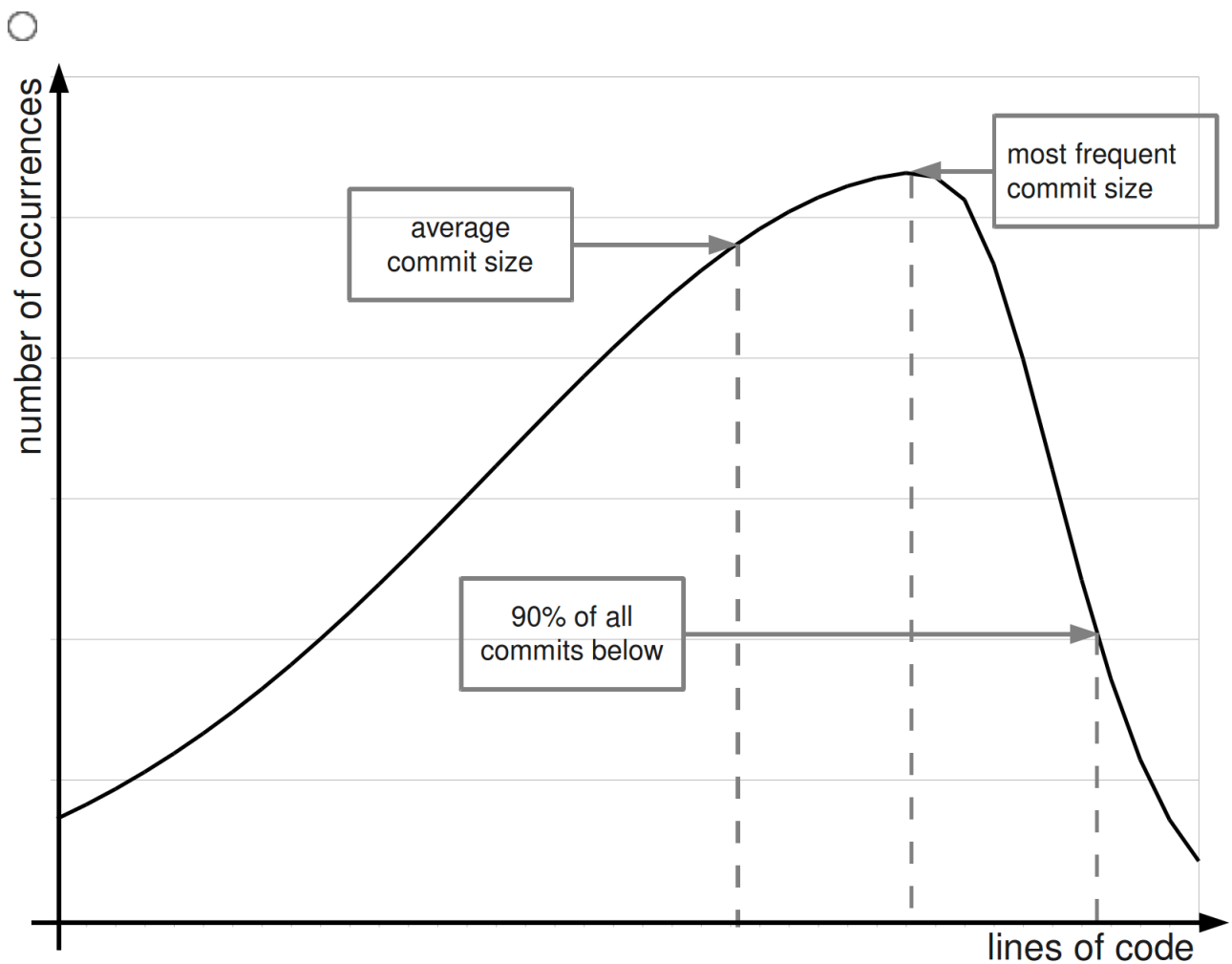
## General (All Questions)

All questions in this short survey.

**1 [1]The following three graphs show different options of how commit sizes may be distributed in all of open source. The x-axis shows the commit size in lines of code, increasing from left to right, on a linear scale. The y-axis shows the number of occurrences, also on a linear scale. Which of these options do you think comes closest to the reality of open source software projects? (Click radio button on the left.)**

Please choose **only one** of the following:





**2 [10]What do you think is the most frequent commit size in open source software projects? (Measured in lines of code.)**

Please write your answer here:

Size = lines of program code + comments, ignoring empty lines, including boilerplate.

Open source = all of open source, not a specific project.

Please don't hesitate to guess.

**3 [11]What is the average commit size in open source?**

Please write your answer here:

Please don't hesitate to guess.

**4 [12]Which commit size represents the "90% of all commits are smaller" limit in open source? (90% of commits are smaller than this size, 10% are**

**larger.)**

Please write your answer here:

Please don't hesitate to guess.

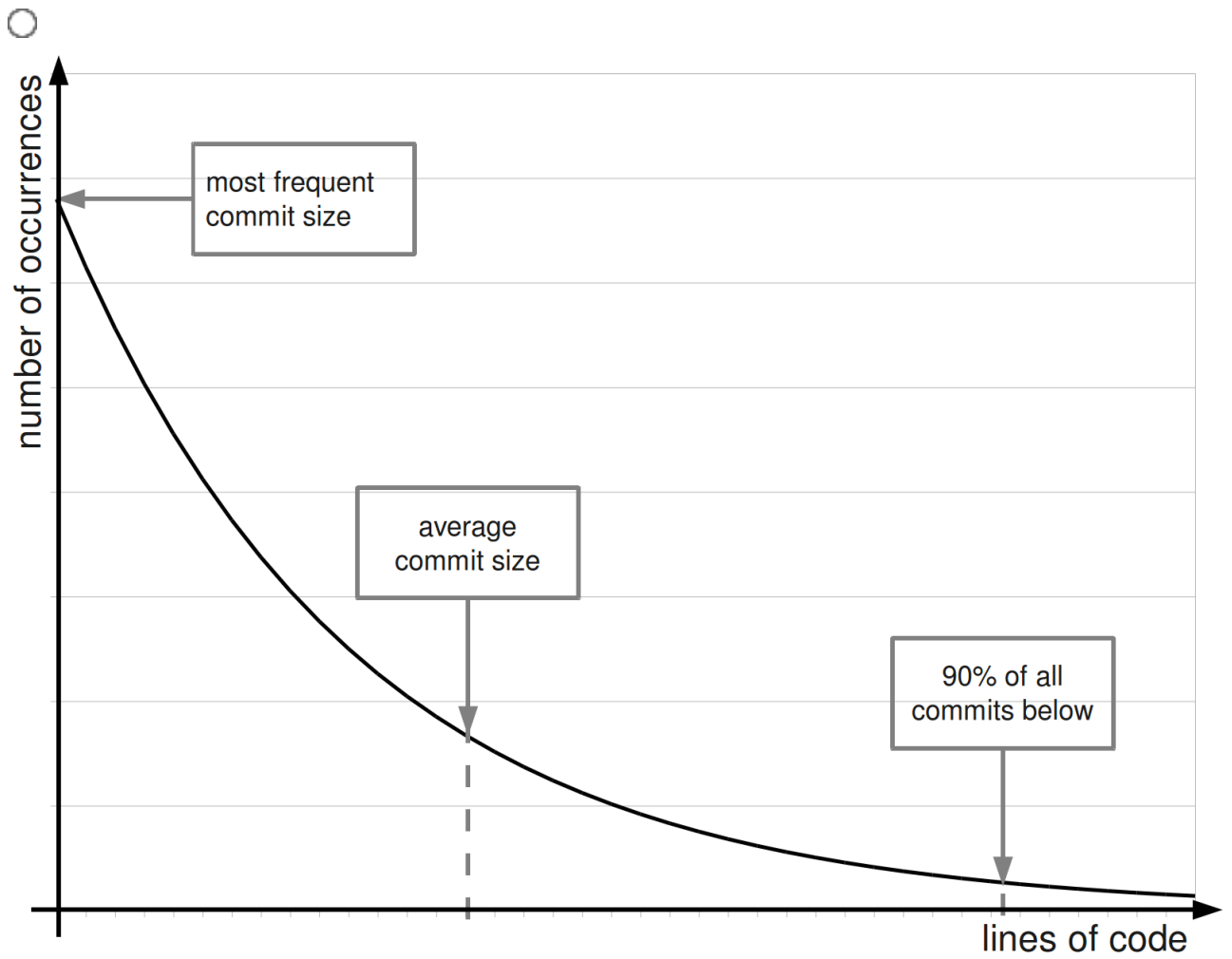
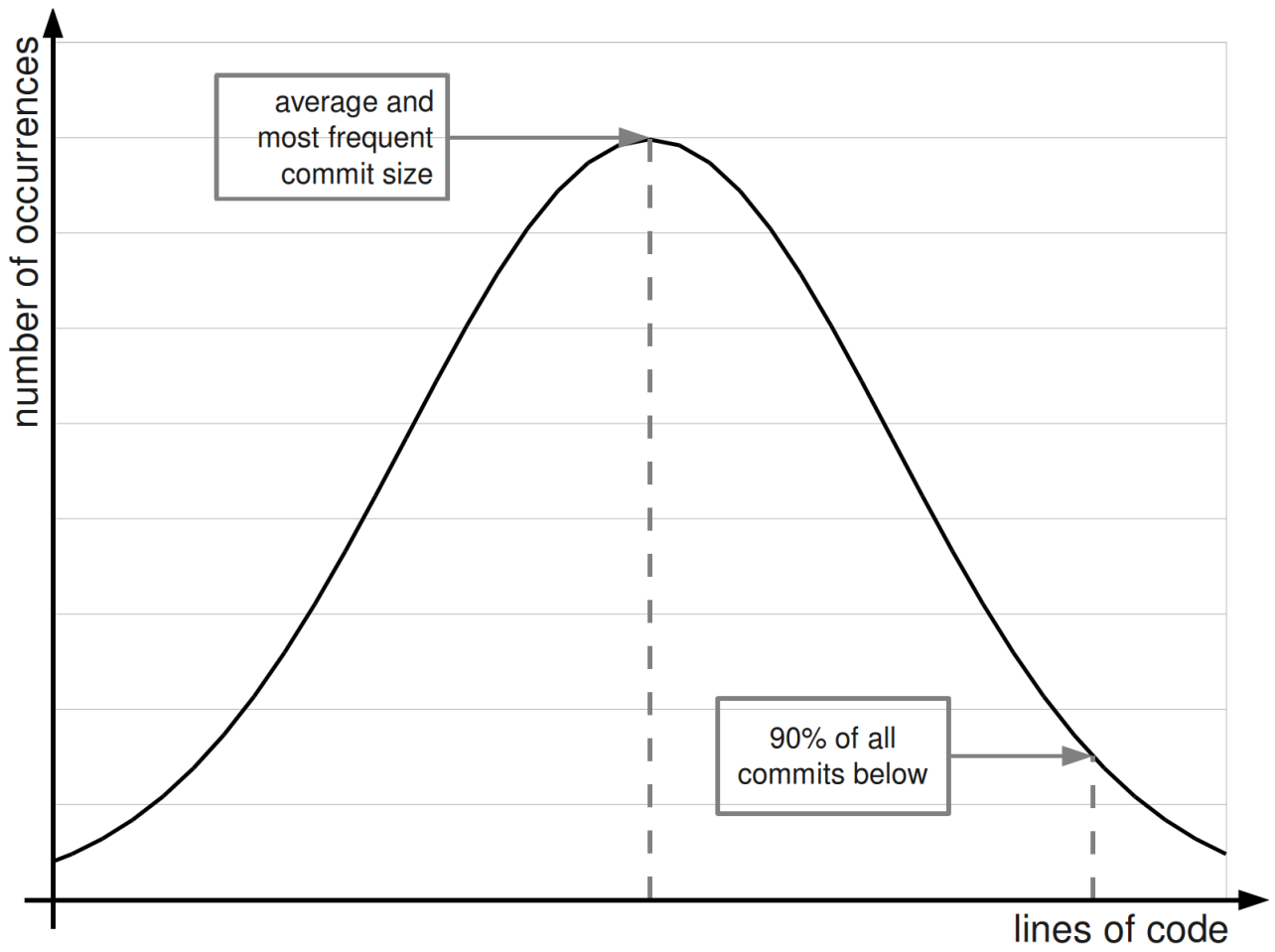
**5 [15]How many commits does a full-time committer to an open source project perform per week, on average? (Including all patches provided by developers who are not committers.)**

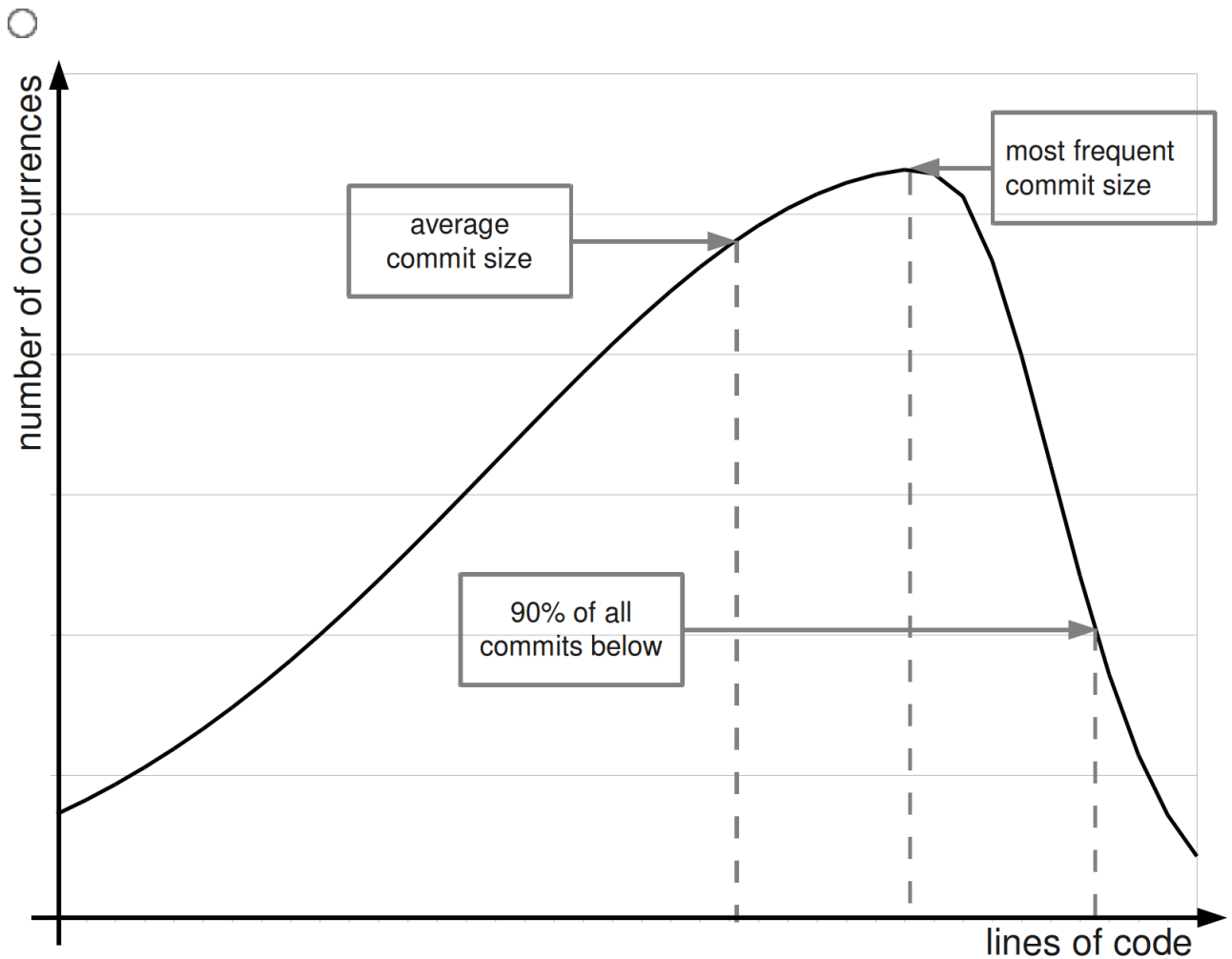
Please write your answer here:

Please don't hesitate to guess.

**6 [2]The following graphs show three different options of how commit sizes may be distributed in closed source (proprietary) software projects. (These are the same graphs as for open source.) Which of these options do you think comes closest to the reality of closed source software? (Click radio button on the left.)**

Please choose **only one** of the following:





**7 [20] What do you think is the most frequent commit size in closed source projects?**

Please write your answer here:

Please don't hesitate to guess.

**8 [21] What is the average commit size in closed source projects?**

Please write your answer here:

Please don't hesitate to guess.

**9 [22] Which commit size represents the "90% of all commits are smaller" limit in closed source? (90% of commits are smaller than this size, 10% are larger.)**

Please write your answer here:

Please don't hesitate to guess.

**10 [25]How many commits does a developer in a closed source project perform per week, on average?**

Please write your answer here:

Please don't hesitate to guess.

**11 [30]Is your main project open source or closed source software? \***

Please choose **only one** of the following:

- Open source
- Closed source

**12 [31]What type of software are you developing? \***

Please choose **only one** of the following:

- Tools for software development
- Other types of software

**13 [98]Further comments:**

Please write your answer here:

**14 [99]Please leave your email address if you would like to (first) receive the survey results as well as (later) our analysis of the results.**

Please write your answer here:



Thanks again! We will be back in touch with the results (if you provided your email address) after the survey closes.

01.01.1970 – 01:00

Submit your survey.

Thank you for completing this survey.