

Tasks with the Child mortality dataset

Welcome!

In this survey, you will be first presented with 13 questions about a dataset on child mortality (2001-2012).

Each question has only **one** correct answer. Please answer as **accurately** and **quickly** as possible. If you are unsure about the answer, choose the one that seems most likely to you.

To find the answer, feel free to interact as you like with the prototype. Please remember to think aloud.

After the dataset tasks, we will ask you to rate 10 statements about the system's usability and finally, a few questions about your impression of the interface.

The responses are anonymized.

There are 28 questions in this survey.

Dataset tasks

How high was the child mortality in Peru in 2001? *

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

- 35.95
- 19.20
- 33.27

Which country had the highest child mortality in 2011? *

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

- Sierra Leone
- Central African Republic
- Liberia

Is the child mortality in Myanmar lower, higher or equal to the child mortality in Cambodia in 2009? *

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

- Higher
- Lower
- Equal

How did child mortality develop in Nepal between 2003 and 2006? *

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

- It decreased
- It increased
- There was approximately no change

In which country did the child mortality increase most between 2007 and 2008? *

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

- Vanuatu
- Syria
- Chad

In which European country was the child mortality lowest in 2002? *

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

- Iceland
- Sweden
- Norway

How does the development of the child mortality of Ecuador and Venezuela differ between 2010 and 2012? *

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

- The mortality decreased in Ecuador while it increased in Venezuela
- The mortality increased in Ecuador while it decreased in Venezuela
- The child mortality decreased in both countries

How was the child mortality in Western Europe in 2006? *

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

- It was lower than 50 deaths per 1000 births
- It was higher than 50 deaths per 1000 births
- It was approximately 50 deaths per 1000 births

How did the child mortality develop in Northern Africa until 2007? *

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

- It decreased
- It increased
- It had approximately no change

In which Asian country did the child mortality decrease most in the first 5 years? *

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

- Cambodia
- Laos
- Indonesia

In which continent did the child mortality decrease most over the whole time period? *

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

- Africa
- Asia
- Oceania

In 2005, how does the child mortality in North America compare to the child mortality in Northern Europe? *

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

- The mortality was higher in North America than in Northern Europe
- The mortality was lower in North America than in Northern Europe
- The mortality in North America was approximately equal to the mortality in Northern Europe

In which region did the child mortality decrease fastest between 2007 and 2010? *

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

- Southern Africa
- Central America
- Oceania

You are now done with the dataset tasks. Please indicate which interface you interacted with. *

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

- Tablet interface
- PC/laptop interface

System Usability

This section is about the usability of the interface you just interacted with.

In each question, you will be presented with a statement. You need to score it depending on your level of agreement with it.

"I think that I would like to use this system frequently." *

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

- 1
- 2
- 3
- 4
- 5

Give a score from 1 (strongly disagree) to 5 (strongly agree).

"I found the system unnecessarily complex." *

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

- 1
- 2
- 3
- 4
- 5

Give a score from 1 (strongly disagree) to 5 (strongly agree).

"I thought the system was easy to use." *

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

- 1
- 2
- 3
- 4
- 5

Give a score from 1 (strongly disagree) to 5 (strongly agree).

"I think that I would need the support of a technical person to be able to use this system." *

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

- 1
- 2
- 3
- 4
- 5

Give a score from 1 (strongly disagree) to 5 (strongly agree).

"I found the various functions in this system were well integrated." *

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

- 1
- 2
- 3
- 4
- 5

Give a score from 1 (strongly disagree) to 5 (strongly agree).

"I thought there was too much inconsistency in this system." *

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

- 1
- 2
- 3
- 4
- 5

Give a score from 1 (strongly disagree) to 5 (strongly agree).

"I would imagine that most people would learn to use this system very quickly." *

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

- 1
- 2
- 3
- 4
- 5

Give a score from 1 (strongly disagree) to 5 (strongly agree).

"I found the system very cumbersome to use." *

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

- 1
- 2
- 3
- 4
- 5

Give a score from 1 (strongly disagree) to 5 (strongly agree).

"I felt very confident using the system." *

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

- 1
- 2
- 3
- 4
- 5

Give a score from 1 (strongly disagree) to 5 (strongly agree).

"I needed to learn a lot of things before I could get going with this system." *

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

- 1
- 2
- 3
- 4
- 5

Give a score from 1 (strongly disagree) to 5 (strongly agree).

Your impression

What did you like about the interface? Please mention 1-3 aspects. *

Please write your answer here:

What did you dislike about the interface? Please mention 1-3 aspects. *

Please write your answer here:

Was there any feature missing that you would have liked to see?

Please write your answer here:

Would you use this interface for work? Why? *

Please write your answer here:

Thank you for your answers! You finished successfully this survey.

Feel free to close this tab.

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Submit your survey.

Thank you for completing this survey.