Evaluation: Visualization Child Influencers within Social Network Communities

There are 16 questions in this survey.

General Information

Please enter the ID you received after the video conference *

Please write your answer here:

Please specify your field of study *

❶ Choose one of the following answers
Please choose **only one** of the following:

◯ Computer Science

◯ Social Sciences

◯ Other

Please select your gender. *

❶ Choose one of the following answers
Please choose **only one** of the following:

◯ Male

◯ Female

◯ Other

Please enter your age in years *

Please write your answer here:

How experienced are you in using graph representations? (With **1** meaning "Not at all" and **5** meaning "Very much") *

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

- ○ 1
- ○ 2
- ○ 3
- ○ 4
- ○ 5

If you have had experience with graph representations, please give a short description of what you have used them for

Please write your answer here:

Task 1: Outgoing Neighbours

Please enter the number of outgoing neighbours for each Graph and node pair listed below *

Please answer the following questions concerning the difficulty of the task *

Please choose the appropriate response for each item:

	Mental Demand How mentally demanding was the task?	**Physical Demand** How physically demanding was the task?	**Temporal Demand** How hurried or rushed was the pace of the task?	**Performance** How successful do you think you were in accomplishing the task?	**Effort** How hard did you have to work for your performance?	**Frustration** How discouraged and stressed were you during the task?
Very High - 21	○	○	○	○	○	○
20	○	○	○	○	○	○
19	○	○	○	○	○	○
18	○	○	○	○	○	○
17	○	○	○	○	○	○
16	○	○	○	○	○	○
15	○	○	○	○	○	○
14	○	○	○	○	○	○
13	○	○	○	○	○	○
12	○	○	○	○	○	○
11	○	○	○	○	○	○
10	○	○	○	○	○	○
9	○	○	○	○	○	○
8	○	○	○	○	○	○

	Mental Demand How mentally demanding was the task?	Physical Demand How physically demanding was the task?	Temporal Demand How hurried or rushed was the pace of the task?	Performance How successful do you think you were in accomplishing the task?	Effort How hard did you have to work for your performance?	Frustration How discouraged and stressed were you during the task?
7	○	○	○	○	○	○
6	○	○	○	○	○	○
5	○	○	○	○	○	○
4	○	○	○	○	○	○
3	○	○	○	○	○	○
2	○	○	○	○	○	○
Very Low - 1	○	○	○	○	○	○

Task 2: Communities

Please enter the number of Community members for each graph and colour pair: *

Please answer the following questions concerning the difficulty of the task *

Please choose the appropriate response for each item:

	Mental Demand How mentally demanding was the task?	**Physical Demand** How physically demanding was the task?	**Temporal Demand** How hurried or rushed was the pace of the task?	**Performance** How successful do you think you were in accomplishing the task?	**Effort** How hard did you have to work for your performance?	**Frustration** How discouraged and stressed were you during the task?
Very High - 21	○	○	○	○	○	○
20	○	○	○	○	○	○
19	○	○	○	○	○	○
18	○	○	○	○	○	○
17	○	○	○	○	○	○
16	○	○	○	○	○	○
15	○	○	○	○	○	○
14	○	○	○	○	○	○
13	○	○	○	○	○	○
12	○	○	○	○	○	○
11	○	○	○	○	○	○
10	○	○	○	○	○	○
9	○	○	○	○	○	○
8	○	*	○	○	○	○

	Mental Demand How mentally demanding was the task?	Physical Demand How physically demanding was the task?	Temporal Demand How hurried or rushed was the pace of the task?	Performance How successful do you think you were in accomplishing the task?	Effort How hard did you have to work for your performance?	Frustration How discouraged and stressed were you during the task?
7	◯	◯	◯	◯	◯	◯
6	◯	◯	◯	◯	◯	◯
5	◯	◯	◯	◯	◯	◯
4	◯	◯	◯	◯	◯	◯
3	◯	◯	◯	◯	◯	◯
2	◯	◯	◯	◯	◯	◯
Very Low - 1	◯	◯	◯	◯	◯	◯

Task 3: Influencers

Please enter the names of the 3 most influential nodes for each graph separated by comma *

Please answer the following questions concerning the difficulty of the task *

Please choose the appropriate response for each item:

	Mental Demand How mentally demanding was the task?	Physical Demand How physically demanding was the task?	Temporal Demand How hurried or rushed was the pace of the task?	Performance How successful do you think you were in accomplishing the task?	Effort How hard did you have to work for your performance?	Frustration How discouraged and stressed were you during the task?
Very High - 21	○	○	○	○	○	○
20	○	○	○	○	○	○
19	○	○	○	○	○	○
18	○	○	○	○	○	○
17	○	○	○	○	○	○
16	○	○	○	○	○	○
15	○	○	○	○	○	○
14	○	○	○	○	○	○
13	○	○	○	○	○	○
12	○	○	○	○	○	○
11	○	○	○	○	○	○
10	○	○	○	○	○	○
9	○	○	○	○	○	○
8	○	*	○	○	○	○

	Mental Demand How mentally demanding was the task?	Physical Demand How physically demanding was the task?	Temporal Demand How hurried or rushed was the pace of the task?	Performance How successful do you think you were in accomplishing the task?	Effort How hard did you have to work for your performance?	Frustration How discouraged and stressed were you during the task?
7	○	○	○	○	○	○
6	○	○	○	○	○	○
5	○	○	○	○	○	○
4	○	○	○	○	○	○
3	○	○	○	○	○	○
2	○	○	○	○	○	○
Very Low - 1	○	○	○	○	○	○

Task 4: Databases

Please answer the following questions concerning the difficulty of the task *

Please choose the appropriate response for each item:

	Mental Demand How mentally demanding was the task?	Physical Demand How physically demanding was the task?	Temporal Demand How hurried or rushed was the pace of the task?	Performance How successful do you think you were in accomplishing the task?	Effort How hard did you have to work for your performance?	Frustration How discouraged and stressed were you during the task?
Very High - 21	○	○	○	○	○	○
20	○	○	○	○	○	○
19	○	○	○	○	○	○
18	○	○	○	○	○	○
17	○	○	○	○	○	○
16	○	○	○	○	○	○
15	○	○	○	○	○	○
14	○	○	○	○	○	○
13	○	○	○	○	○	○
12	○	○	○	○	○	○
11	○	○	○	○	○	○
10	○	○	○	○	○	○
9	○	○	○	○	○	○
8	○	○	○	○	○	○

	Mental Demand How mentally demanding was the task?	Physical Demand How physically demanding was the task?	Temporal Demand How hurried or rushed was the pace of the task?	Performance How successful do you think you were in accomplishing the task?	Effort How hard did you have to work for your performance?	Frustration How discouraged and stressed were you during the task?
7	○	○	○	○	○	○
6	○	○	○	○	○	○
5	○	○	○	○	○	○
4	○	○	○	○	○	○
3	○	○	○	○	○	○
2	○	○	○	○	○	○
Very Low - 1	○	○	○	○	○	○

Usability of the Visualization

Please answer the following questions concerning the handling of the visualization *

Please choose the appropriate response for each item:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
I think that I would like to use the interactive graph visualization frequently	◯	◯	◯	◯	◯
I found the interactive graph visualization unnecessarily complex	◯	◯	◯	◯	◯
I thought the interactive graph visualization was easy to use	◯	◯	◯	◯	◯
I think that I would need the support of an experienced person to be able to use this interactive graph visualization	◯	◯	◯	◯	◯
I found the various functions in this interactive graph visualization were well integrated	◯	◯	◯	◯	◯
I thought there was too much inconsistency in the interactive graph visualization	◯	◯	◯	◯	◯

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
I would imagine that most people would learn to use the interactive graph visualization very quickly	○	○	○	○	○
I found the interactive graph visualization very cumbersome to use	○	○	○	○	○
I felt very confident using the interactive graph visualization	○	○	○	○	○
I needed to learn a lot of things before I could get going with this interactive graph visualization	○	○	○	○	○

Additional Comments

Have you encountered any problems during use of the interactive visualization? What could have been done better?

Please write your answer here:

If you have any additional comment or input, you can add it here

Please write your answer here:

Thank you for your participation!

Submit your survey.
Thank you for completing this survey.