

# TreeVisual Feedback

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\* Required

1. Email \*

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## Tree Layouts

2. The number of layouts provided by TreeVisual is sufficient for me to learn about tree structures. \*

*Mark only one oval.*

1      2      3      4      5

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Strongly Disagree                  Strongly Agree

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3. TreeVisual helps me better understand the differences among tree layouts. \*

*Mark only one oval.*

1      2      3      4      5

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Strongly Disagree                  Strongly Agree

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- 4. The radial tree layout and its collapsible version help me compare their advantages and disadvantages in visualizing and exploring the tree hierarchy. \*

Mark only one oval.

1      2      3      4      5

---

Strongly Disagree                  Strongly Agree

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- 5. The treemap layout and its zoomable version help me compare their advantages and disadvantages in visualizing and exploring the tree hierarchy. \*

Mark only one oval.

1      2      3      4      5

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Strongly Disagree                  Strongly Agree

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- 6. TreeVisual helps me distinguish tree structures better through traversing the pack, zoomable treemap, collapsible radial tree, and sunburst layouts. \*

Mark only one oval.

1      2      3      4      5

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Strongly Disagree                  Strongly Agree

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- 7. The treemap tiling strategies (binary, dice, slice, and slice & dice) help me better compare and understand their advantages and disadvantages in organizing leaves in the hierarchy. \*

Mark only one oval.

1      2      3      4      5

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Strongly Disagree                  Strongly Agree

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8. The linking behavior when clicking on and hovering over the nodes helped me understand the data better. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

9. TreeVisual helped me better analyze which layout works best for exploring a given data set for a given purpose. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

## Data Sets

10. The data sets provided are representatives of tree structures and helped me better learn and differentiate different layout examples. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

11. The data sets provided under each category (i.e., Publication, Government, Trade, Tree Taxonomy) are sufficient for me to learn tree visualization. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

## User Interface

12. The on-boarding feature helps me better get oriented with TreeVisual. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

13. The "About" page provides me with sufficient information to gain an overview of TreeVisual. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

14. The overall interface design of TreeVisual is intuitive and easy to follow. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

15. The interface is responsive with appropriate animations. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

16. The use of colors in the visualization, including the color-blind palette, clearly distinguishes different items. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

17. The "Size by" switch helps me better understand the difference between accumulated leaf nodes and accumulated size attributes of the leaf nodes. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

18. The ability to hide labels allows me to better view and explore the data. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

19. The default node size is appropriate. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

20. The "Filtering" section helps me better understand how to explore the data by filtering nodes at different levels. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

21. The "Leaves" selection helps me better identify and search for specific leaf nodes. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

22. The visual effect for user interface elements helps me distinguish disabled items or controls. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

23. The interactions are sufficient for serving the essential tree navigation need. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

24. The interactions along with the given tooltips are easy to understand and follow. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

## General

25. The questions provided in the study guide helped me learn TreeVisual. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

26. TreeVisual provided an enjoyable way to learn about tree visualization. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

27. Using TreeVisual helped me feel confident in my knowledge about tree visualization. \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	Strongly Agree				

28. What changes to the items above, or other parts of TreeVisual, would improve your learning of tree visualization? \*

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