

# VPAT Accessibility Conformance Report

(Based on ITI VPAT<sup>®</sup>)

Name of Product	<b>Reporting Hub</b>
Date Last Updated	December 31, 2025
Completed by	<b>Justin Binder</b> (Elsevier Digital Accessibility Team)
Applicable Standards/Guidelines	This document rates Reporting Hub according to the <a href="#">W3C WCAG 2.1 A and AA</a> requirements.
Contact for More Information	Elsevier Digital Accessibility Team <a href="mailto:accessibility@elsevier.com">accessibility@elsevier.com</a>
Testing Tools and Methods	<ul style="list-style-type: none"><li>• Hands-on keyboard operation</li><li>• DevTools/Code inspection</li><li>• Chrome 143 on Windows 11 23H2</li><li>• NVDA screen reader 2025.3</li><li>• WAVE Browser Extension</li><li>• Color Contrast Analyzer</li><li>• <a href="#">W3C Web Accessibility Initiative (WAI) Pages</a></li><li>• <a href="#">Elsevier Accessibility Checklist</a></li></ul>
Document Sections	This review document includes all WCAG 2.1 A and AA checkpoints, organized into 7 logical sections: <ul style="list-style-type: none"><li>• Visuals</li><li>• Keyboard</li><li>• Headings and Structure</li><li>• Labeling</li><li>• Multimedia</li><li>• Usability</li><li>• Mobile User Experience</li></ul>
Pages Covered	<ul style="list-style-type: none"><li>• MasterAuth Workbooks</li><li>• Biomarker Results</li><li>• Biomarker Results - Result Trends</li><li>• Clinical Trial Performance - Overview</li><li>• Clinical Trial Bypass Reason</li><li>• Tabular view of a graph</li><li>• Trial Feasibility Calculator</li><li>• Header and Help Info modal dialog</li><li>• Side panel</li><li>• Footer</li><li>• Trial Pre-Screening Patient Finder</li></ul>
Terms	<ul style="list-style-type: none"><li>• <b>Supports:</b> The functionality of the product has at least one method that meets the criteria without known defects or meets with equivalent facilitation.</li><li>• <b>Partially supports:</b> Some functionality of the product does not meet the criteria.</li><li>• <b>Does not support:</b> Majority of functionality of the product does not meet the criteria.</li></ul>

	<ul style="list-style-type: none"><li>• <b>Supports (N/A):</b> According to W3C on conformance, "If there is no content to which a success criterion applies, the success criterion is satisfied."</li></ul>
Notes/Terminology	<ul style="list-style-type: none"><li>• "AT" stands for Assistive Technology such as screen readers, voice input, etc.</li><li>• "[Tableau]" refers to issues specific to Tableau and not coded or designed by Elsevier.</li></ul>

## Conformance Summary

WCAG 2.1 Success Criterion	Level	Evaluation
1.1.1: Non-text Content	A	Partially supports
1.2.1: Audio-only and Video-only (Prerecorded)	A	Supports (N/A)
1.2.2: Captions (Prerecorded)	A	Supports (N/A)
1.2.3: Audio Description or Full Text Alternative	A	Supports (N/A)
1.2.4: Captions (Live)	AA	Supports (N/A)
1.2.5: Audio Description	AA	Supports (N/A)
1.3.1: Info and Relationships	A	Partially supports
1.3.2: Meaningful Sequence	A	Partially supports
1.3.3: Sensory Characteristics	A	Supports
1.3.4: Orientation (2.1)	AA	Supports
1.3.5: Identify Input Purpose (2.1)	AA	Supports
1.4.1: Use of Color	A	Supports
1.4.2: Audio Control	A	Supports (N/A)
1.4.3: Contrast (Minimum)	AA	Partially supports
1.4.4: Resize text	AA	Partially supports
1.4.5: Images of Text	AA	Partially supports
1.4.10: Reflow (2.1)	AA	Partially supports
1.4.11: Non-Text Contrast (2.1)	AA	Partially supports
1.4.12: Text Spacing (2.1)	AA	Partially supports
1.4.13: Content on Hover or Focus (2.1)	AA	Supports
2.1.1: Keyboard	A	Partially supports
2.1.2: No Keyboard Trap	A	Supports
2.1.4: Character Key Shortcuts (2.1)	A	Supports
2.2.1: Timing Adjustable	A	Supports
2.2.2: Pause, Stop, Hide	A	Supports
2.3.1: Three Flashes or Below Threshold	A	Supports
2.4.1: Bypass Blocks	A	Does not support
2.4.2: Page Titled	A	Partially supports
2.4.3: Focus Order	A	Partially supports
2.4.4: Link Purpose (In Context)	A	Supports
2.4.5: Multiple Ways	AA	Supports
2.4.6: Headings and Labels	AA	Supports
2.4.7: Focus Visible	AA	Partially supports
2.5.1: Pointer Gestures (2.1)	A	Supports
2.5.2: Pointer Cancellation (2.1)	A	Supports
2.5.3: Label in Name (2.1)	A	Supports
2.5.4: Motion Actuation (2.1)	A	Supports
3.1.1: Language of Page	A	Supports
3.1.2: Language of Parts	AA	Supports

WCAG 2.1 Success Criterion	Level	Evaluation
3.2.1: On Focus	A	Supports
3.2.2: On Input	A	Partially supports
3.2.3: Consistent Navigation	AA	Supports
3.2.4: Consistent Identification	AA	Supports
3.3.1: Error Identification	A	Supports
3.3.2: Labels or Instructions	A	Partially supports
3.3.3: Error Suggestion	AA	Supports
3.3.4: Error Prevention (Legal, Financial, Data)	AA	Supports
4.1.1: Parsing	A	Supports
4.1.2: Name, Role, Value	A	Partially supports
4.1.3: Status Messages (2.1)	AA	Partially supports

## WCAG 2.1 A and AA Success Criteria

### Visuals

WCAG 2.1 Checkpoint	Conformance Level	Remarks
<a href="#">1.1.1: Non-Text Content</a> (A) Provide text alternatives for non-text content (e.g. images)	Partially supports	Many images and icons have appropriate text equivalents.  <b>Exceptions:</b> <ul style="list-style-type: none"> <li>Clinical Trial Performance – Overview: [Tableau] There is a button’s accessible name is not descriptive enough since it does not specify what it is for.</li> <li>Clinical Trial Performance – Overview: Missing accessible name for menu button - [Tableau] When there are enough tab controls in the tablist that requires horizontal scrolling, there is a menu button and menu to switch tabs. The menu button does not have an accessible name. It uses an aria-labelledby attribute to reference an empty element.</li> <li>Biomarker Results, Biomarker Results - Result Trends, Clinical Trial Performance - Overview, Clinical Trial Bypass Reason, and Trial Pre-Screening Patient Finder: [Tableau] There is a button (appears as an "X") in a search field within comboboxes that does not have an accessible name and missing role information.</li> </ul>
<a href="#">1.3.3: Sensory Characteristics</a> (A) Do not rely on sensory characteristics of components such as shape, size, visual location, orientation, or sound	Supports	There are no instructions or areas of content which rely solely on sensory characteristics.
<a href="#">1.4.1: Use of Color</a> (A) Color is not used as the only visual means of conveying info	Supports	When color is used as a means of conveying information, another visual method is also used to convey the information without color.
<a href="#">1.4.3: Color Contrast (Minimum)</a> (AA) Text has enough contrast with the background (4.5:1 for small text and 3:1 for large text)	Partially supports	Text has sufficient contrast with its corresponding background in most areas.  <b>Exceptions:</b> <ul style="list-style-type: none"> <li>Header: There is heading link text that has a contrast ratio of 2.83:1. Foreground: #FF6c00 Background: #FFFFFF</li> </ul>
<a href="#">1.4.4: Resize Text</a> (AA) Text can be enlarged up to 200% without loss of functionality.	Partially supports	Text may be enlarged to 200% while preserving functionality of content in most instances.  <b>Exceptions:</b> <ul style="list-style-type: none"> <li>Biomarker Results - Result Trends: Main page content: Cutoff and unreachable on Resize text - [Tableau] When the text is resized, some of the main page content is cutoff and/or not reachable via vertical scrolling. Viewport width is set to 1280px and then browser page zoom is set to 200 percent. Vertical</li> </ul>

		<p>scrolling is not possible with this viewport configuration and only horizontal scrolling is allowed for users.</p> <ul style="list-style-type: none"> <li>• Tabular view of a group: Column in data table: Resize text - [Tableau] The content in the data cells for a column is cut off with an ellipsis.</li> </ul>
<p><a href="#">1.4.5: Images of Text</a> (AA) Text is used rather than images of text, except where the presentation of text is essential, such as logos</p>	Partially supports	<p>Most pages do not use images of text other than for logos or essential presentation in most areas.</p> <p><b>Exceptions:</b></p> <ul style="list-style-type: none"> <li>• Trial Pre-Screening Patient Finder: Data table: Structure - [Tableau] There is a data table that is incorrectly structured as a chart when it presents visually as a data table. Also, it is not keyboard accessible for all users. The table headers and table cells are images of text.</li> <li>• Trial Pre-Screening Patient Finder: Improper structure and image of text - [Tableau] There is a line of text that gets announced as a chart and uses image of text.</li> </ul>
<p><a href="#">1.4.10: Reflow</a> (AA) Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:</p> <ul style="list-style-type: none"> <li>• Vertical scrolling content at a width equivalent to 320 CSS pixels;</li> <li>• Horizontal scrolling content at a height equivalent to 256 CSS pixels..</li> </ul>	Partially supports	<p>Some pages or components utilize a responsive view where content reflows into a single column. In some instances, the page may be zoomed to 400% without necessitating horizontal scrolling, nor loss of functionality/content.</p> <p><b>Exceptions:</b></p> <ul style="list-style-type: none"> <li>• All Pages/Components except for Header and help info dialog, and Side panel: Main page content: Reflow for horizontal scrolling - [Tableau] The main page content does not reflow properly and requires horizontal scrolling.</li> <li>• Tabular view of a graph: Some controls in header and text in a column: Disappear and get Cutoff on Reflow - [Tableau] Some controls at the top of the page disappear and the text in a column get cutoff with an ellipsis on reflow when the viewport width is 320px.</li> <li>• Side Panel: Links and expand/collapse buttons for links: Reflow - The links and expand/collapse buttons may disappear visually from the screen. The disappeared content is reachable by keyboard but there is no way to track focus location for visual users that do not use screen readers or other related AT.</li> <li>• Footer: Cutoff content in Reflow - [Tableau] There are controls that disappear when the viewport width is 320px for reflow.</li> </ul>
<p><a href="#">1.4.11: Non-Text Contrast</a> (AA) User interface components and graphical objects have a contrast ratio of at least 3:1 against adjacent color(s).</p>	Partially supports	<p>Almost all non-text UI components and graphical objects have at least a 3:1 contrast ratio against surrounding colors.</p> <p><b>Exceptions:</b></p> <ul style="list-style-type: none"> <li>• Clinical Trial Bypass Reason and Trial Feasibility Calculator pages: Some controls: Visual Focus indicator - [Tableau] There is not a clearly visible focus indicator for the controls. The contrast ratio with the outline color and control background color is 1.25:1.</li> <li>• Side Panel: Couple links: Insufficient contrast with adjacent colors - A couple of links with a light blue background (#DAF5FF) and adjacent colors such as thin border line</li> </ul>

		<p>(#C4C4C4) have a contrast ratio of 1.53:1. Contrast between the left border (#33A7BA) and light blue background is 2.51:1.</p> <ul style="list-style-type: none"> <li>• Biomarker Results, Biomarker Results - Result Trends, Clinical Trial Performance - Overview, Clinical Trial Bypass Reason, and Trial Pre-Screening Patient Finder pages: Insufficient Contrast - [Tableau] The "X" icon for a control has a contrast ratio of 1.86:1. Foreground: #BEBEBE Background: #FFFFFF</li> </ul>
<p><a href="#">1.4.12: Text Spacing</a> (AA) In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all the following and by changing no other style property:</p> <ul style="list-style-type: none"> <li>• Line height (line spacing) to at least 1.5 times the font size;</li> <li>• Spacing following paragraphs to at least 2 times the font size;</li> <li>• Letter spacing (tracking) to at least 0.12 times the font size;</li> <li>• Word spacing to at least 0.16 times the font size.</li> </ul>	Partially supports	<p>Users may adjust the text spacing of content on some pages and/or components to the minimum baseline properties without causing loss of content or functionality.</p> <p><b>Exceptions:</b></p> <ul style="list-style-type: none"> <li>• All Pages: Tableau content: Text spacing - [Tableau] All page content from Tableau does not change when attempting to change text spacing.</li> </ul>
<p><a href="#">1.4.13: Content on Hover or Focus</a> (AA) Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> <li>• Dismissible</li> <li>• Hoverable</li> <li>• Persistent</li> </ul>	Supports	Instances of content that may appear on hover or focus are dismissible, hoverable, and persistent.
<p><a href="#">2.3.1: Three Flashes or Below Threshold</a> (A) No more than three flashes in a 1-second</p>	Supports	No flashing content exists.

period, or the flashes are below the defined thresholds		
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## Keyboard

WCAG 2.1 Checkpoint	Conformance Level	Remarks
<a href="#">1.3.2: Meaningful Sequence</a> (A) The correct reading sequence can be programmatically determined	Partially supports	The correct reading sequence is logical and programmatically determinable, with the DOM order according with the visual order in some areas.  <b>Exceptions:</b> <ul style="list-style-type: none"> <li>All Pages with tableau: Content within tab panel: Illogical Reading order and Focus order - [Tableau] Most of the elements within the tab panel content receive focus in an illogical order due to the order of elements in the DOM when attempting to parse through the page by keyboard. It can be very confusing and hard to understand the relationship of information on the page.</li> </ul>
<a href="#">2.1.1: Keyboard</a> (A) All functionality is available from a keyboard, except for tasks such as drawing	Partially supports	Some standard web page content and functionality is keyboard operable across pages.  <b>Exceptions:</b> <ul style="list-style-type: none"> <li>Biomarker Results, Trial Pre-Screening Patient Finder pages: Controls in table header: Keyboard inaccessible - [Tableau] Controls within table headers are not reachable and operable by keyboard.</li> <li>Clinical Trial Performance – Overview page: Tooltips for one of the tables: Keyboard inaccessible - [Tableau] The tooltips for content in a table are not reachable by keyboard for screen reader users.</li> <li>Biomarker Results, Biomarker Results - Result Trends, Clinical Trial Performance, Clinical Trial Bypass Reason, Trial Feasibility Calculator pages: Calendar widget: Keyboard inaccessible - [Tableau] The calendar widget for the date fields are not reachable by keyboard and AT.</li> <li>Biomarker Results, Biomarker Results - Result Trends, Clinical Trial Performance - Overview, Clinical Trial Bypass Reason, Trial Pre-Screening Patient Finder pages: Options within combobox fields: Not reachable with AT - [Tableau] When nothing is entered into input field, the first checkbox in the options list is the only reachable option when screen readers are turned on.</li> <li>Clinical Trial Performance – Overview page: Menu button for switching tabs: Keyboard inaccessible - [Tableau] The control is not reachable by keyboard. The parent container element has aria-disabled="true" which makes it effectively disabled for keyboard-only users and AT users but not mouse users.</li> <li>Trial Pre-Screening Patient Finder page: Data table: Selecting rows keyboard inaccessible - [Tableau] For keyboard only users, it is not possible to select any of the rows in the data table. This applies to both a singular row and multiple rows.</li> </ul>

		<ul style="list-style-type: none"> <li>• Trial Pre-Screening Patient Finder page: Data table: Structure - [Tableau] There is a data table incorrectly structured as a chart when it presents visually as a data table. Also, it is not keyboard accessible for all users. The table headers and table cells are images of text.</li> <li>• Biomarker Results, Biomarker Results - Result Trends, Clinical Trial Performance, Clinical Trial Bypass Reason, and Trial Pre-Screening Patient Finder pages: [Tableau] There is a button not reachable by keyboard only users. Screen reader users can reach it only via the virtual cursor.</li> </ul>
<a href="#">2.1.2: No Keyboard Trap</a> (A) The user can use the keyboard to move through page elements and is not trapped on a particular element	Supports	No pages have a keyboard trap.
<a href="#">2.1.4: Character Key Shortcuts</a> (A) If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true: <ul style="list-style-type: none"> <li>• Turn off</li> <li>• Remap</li> <li>• Active only on focus</li> </ul>	Supports	The site does not use any single character key shortcuts.
<a href="#">2.4.3: Focus Order</a> (A) Users can tab through the elements of a page in a logical order	Partially supports	Tab order is largely illogical across the site and does not preserve the meaning and operability of content in most instances. <p><b>Exceptions:</b></p> <ul style="list-style-type: none"> <li>• All Pages with tableau: Content within tab panel: Illogical Reading order and Focus order - [Tableau] Most of the elements within the tab panel content receive focus in an illogical order due to the order of elements in the DOM when attempting to parse through the page by keyboard. It can be very confusing and hard to understand the relationship of information on the page.</li> </ul>
<a href="#">2.4.7: Focus Visible</a> (AA) The page element with the current keyboard focus has a visible focus indicator	Partially supports	Almost all elements across the site have a decent visible indication of focus – the focus indicator is typically a prominent dashed outline. <p><b>Exceptions:</b></p> <ul style="list-style-type: none"> <li>• Clinical Trial Bypass Reason and Trial Feasibility Calculator pages: Some controls: Visual Focus indicator - [Tableau] There is not a clearly visible focus indicator for some controls. The</li> </ul>

		<p>contrast ratio with the outline color and control background color is 1.25:1.</p> <ul style="list-style-type: none"> <li>• Trial Pre-Screening Patient Finder page: [Tableau] There is not a clearly visible focus indicator for a button. The contrast ratio with the outline and control background color is 1.25:1.</li> </ul>
<p><a href="#">3.2.1: On Focus (A)</a> When a UI component receives focus, this does not trigger unexpected actions.</p>	Supports	Focusable elements do not cause unexpected actions/changes of context when receiving focus.

## Headings and Structure

WCAG 2.1 Checkpoint	Conformance Level	Remarks
<p><a href="#">1.3.1: Information and Relationships (A)</a> Info, structure, and relationships can be programmatically determined</p>	Partially supports	<p>Some content is distinguishable via semantic structure and relationships. A logical heading order reflecting page organization and content is programmatically determinable on most pages. List markup is used appropriately in many instances. Some input elements have programmatically determinable labels. HTML sectioning elements/landmark roles demarcate content regions.</p> <p><b>Exceptions:</b></p> <ul style="list-style-type: none"> <li>• Biomarker Results, Biomarker Results - Result Trends, Clinical Trial Performance - Overview, Clinical Trail Bypass Reason, Trial Feasibility Calculator, and Trial Pre-Screening Patient Finder pages: Multiple heading texts: Implicit headings - [Tableau] There are implicit headings that look visually as a heading but not programmatic. They are announced as the text and then 'section' by the screen reader.</li> <li>• Biomarker Results page: Table headers: Canvas element - [Tableau] There are table headers on the page using a single canvas element. They are inaccessible to AT users. AT users are required to use the data visualization tabular view window of the data table to access all of the data table content on the main page.</li> <li>• Clinical Trial Performance – Overview page: Incorrect structure: [Tableau] There is a section structured as a treegrid but the related content underneath are canvases. It is not clear the purpose of making it a treegrid for the headers text and using &lt;canvas&gt; element for the associated information content.</li> <li>• Clinical Trial Performance - Overview page: Jargon Keyword in Accessible name - [Tableau] The accessible name begins with a specialized keyword which may be confusing and does not make sense in direct relation to the page content without navigating away to read through the help articles on Tableau's website.</li> <li>• Clinical Trial Bypass Reason page: Modal dialog after button activation: Missing dialog title and role information: There is a modal dialog missing a programmatic dialog title and role="dialog" on the parent container element.</li> </ul>

		<ul style="list-style-type: none"> <li>• Tabular view of a graph: Data table: Generic accessible name - [Tableau] The accessible name given to the data table using aria-label attribute does not describe the purpose to AT users.</li> <li>• Trial Feasibility Calculator page: Table headers for data table: Structure: [Tableau] The table headers for a data table are not structured as table headers with table markup but as a single heading.</li> <li>• Trial Pre-Screening Patient Finder page: Data table: Structure - [Tableau] There is a data table incorrectly structured as a chart when it presents visually as a data table. Also, it is not keyboard accessible for all users. The table headers and table cells are images of text.</li> <li>• Trial Pre-Screening Patient Finder page: Multiple form field groups: Missing grouping - [Tableau] The related form fields are not programmatically grouped together. It can be confusing to understand the relationship and purpose for AT users.</li> </ul>
<a href="#">2.4.1: Bypass Blocks</a> (A) Users can bypass repeated blocks of content.	Does not support	None of the pages feature a “Skip to Main Content” skip navigation link. On most pages, there is not a logical heading order and there are not landmarks demarcating various content regions allow AT users to conveniently jump to different areas of content.
<a href="#">2.4.6: Headings and Labels</a> (AA) Headings and labels are clear and consistent.	Supports	Headings and labels used are typically clear and descriptive. For example, most pages feature visually distinct and programmatically determinable main and secondary headings to help distinguish content.
<a href="#">3.1.1: Language of Page</a> (A) The language of the page is specified	Supports	The default page language is typically and appropriately defined as lang="en".
<a href="#">3.1.2: Language of Parts</a> (AA) Specify the language of text passages that are in a different language than the default language of the page.	Supports	There are no sections of text that do not match the default language of the page.
<a href="#">4.1.1: Parsing</a> (A) Use valid, error-free HTML	Supports	<p>HTML and CSS typically pass concerning these 4 specific criteria:</p> <ul style="list-style-type: none"> <li>(i) elements have complete start and end tags,</li> <li>(ii) elements are nested according to their specifications</li> <li>(iii) elements do not contain duplicate attributes</li> <li>(iv) any IDs are unique, except where the specifications allow these features.</li> </ul> <p>Note: There may be other general HTML validation errors outside the scope of this criterion. WCAG 2.1 Errata notes: “This Success Criterion should be considered as always satisfied for any content using HTML or XML.”</p>

## Labeling

WCAG 2.1 Checkpoint	Conformance Level	Remarks
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<p><a href="#">1.3.5: Identify Input Purpose</a> (AA)</p> <p>The purpose of each input field collecting information about the user can be programmatically determined when:</p> <ul style="list-style-type: none"> <li>• The input field serves a purpose identified in the Input Purposes for User Interface Components section; and</li> <li>• The content is implemented using technologies with support for identifying the expected meaning for form input data.</li> </ul>	Supports	There are no applicable form elements that collect such information about the user. The appropriate autocomplete attributes are implemented on several fields to facilitate auto-fill.
<p><a href="#">2.4.2: Page Titled</a> (A)</p> <p>The page has a title describing its topic or purpose</p>	Partially supports	<p>A descriptive page title that identifies content/purpose is not present for most pages: "Elsevier Reporting Hub" is defined generically as the page title across many pages.</p> <p><b>Exceptions:</b></p> <ul style="list-style-type: none"> <li>• All Pages: Repetitive Page title - Page title does not describe the full purpose of the page. It is repetitive or not contextually descriptive enough.</li> </ul>
<p><a href="#">2.4.4: Link Purpose (In Context)</a> (A)</p> <p>The purpose of each link can be determined from the link text or surrounding context.</p>	Supports	An identifiable purpose may be deduced for all links from the link text or surrounding context.
<p><a href="#">2.5.3: Label in Name</a> (A)</p> <p>For user interface components with labels that include text or images of text, the name contains the text that is presented visually.</p>	Supports	All user interface components that have visible text contain that text consistently within the accessible name.
<p><a href="#">3.2.4: Consistent Identification</a> (AA)</p> <p>UI components used across the web site are identified consistently on every page.</p>	Supports	Components are typically consistent across the site, and identified consistently where they perform the same function across pages.

<p><a href="#">3.3.1: Error Identification</a> (A) Input errors are clearly marked and described to the user.</p>	Supports	<p>In all instances, errors are identified and presented well visually. For many inputs, errors are typically validated before form submission. Error messages that offer specific feedback are presented adjacently and visually distinguished via different text color (red). Error messages are announced to AT in some instances. Several other error states are not programmatically determinable.</p>
<p><a href="#">3.3.2: Labels or Instructions</a> (A) Items requiring user input are clearly labeled or have clear instructions.</p>	Partially supports	<p>Labels or instructions are provided for some form elements, most of which are programmatically associated with their inputs.</p> <p>Note: see SC 1.3.1 for exceptions where visible labels may not be programmatically associated with inputs.</p> <p><b>Exceptions:</b></p> <ul style="list-style-type: none"> <li>• All Pages: Missing instructions for custom keyboard commands: Missing textual documentation and instructions for custom keyboard navigation and commands for the main page content within the Tableau iframe.</li> <li>• All Pages: Screen reader keyboard shortcuts overridden without documentation - [Tableau] Most of the standard keyboard shortcuts are overridden when they would not interfere with the custom keyboard commands. There is no documentation to inform screen reader users of this expectation.</li> </ul>
<p><a href="#">3.3.3: Error Suggestion</a> (AA) When the user makes an input error, give suggestions for valid input.</p>	Supports	<p>The nature of content would largely not give rise to opportunities for error suggestions, but relevant helpful suggestions are occasionally provided in text.</p>
<p><a href="#">4.1.2: Name, Role, Value</a> (A) For all UI components, the name, value, and role can be programmatically determined.</p>	Partially supports	<p>Some UI components communicate their state programmatically, and many have accessible names that are appropriately defined. Several ARIA attributes and roles are not present where appropriate.</p> <p><b>Exceptions:</b></p> <ul style="list-style-type: none"> <li>• Biomarker Results, Clinical Trial Bypass Reason, Trial Feasibility Calculator, and Trial Pre-Screening Patient Finder pages: Vertical scroll bar in iframe: Name and value - [Tableau] The vertical scroll bar is announced without a name, values, or other information. When the arrow keys are used with screen reader, the page scrolls up and down but nothing is announced to inform about changes in page view.</li> <li>• Biomarker Results page: Table headers: Canvas element - [Tableau] There are table headers on the page using a single canvas element. They are inaccessible to AT users. AT users are required to use the data visualization tabular view window of the data table to access all of the data table content on the main page.</li> <li>• Clinical Trial Performance - Overview page: Incorrect structure - [Tableau] There is a section structured as a treegrid but the related content underneath are canvases. It is not clear the purpose of making it a treegrid for the headers text and using &lt;canvas&gt; element for the associated information content.</li> </ul>

		<ul style="list-style-type: none"> <li>• Clinical Trial Performance - Overview page: Jargon Keyword in Accessible name - [Tableau] The accessible name begins with a specialized keyword which may be confusing and does not make sense in direct relation to the page content without navigating away to read through the help articles on Tableau's website.</li> <li>• Clinical Trial Performance - Overview page: Button - [Tableau] Accessible name is not descriptive enough since it does not specify what it is for.</li> <li>• Clinical Trial Performance - Overview page: Menu button for switching tabs: Missing accessible name - [Tableau] When there are enough tab controls in the tablist that requires horizontal scrolling, there is a menu button and menu to switch tabs. The menu button does not have an accessible name. It uses an aria-labelledby attribute to reference an empty element.</li> <li>• Clinical Trial Performance - Overview page: Some controls: Missing state information - [Tableau] When certain controls are selected, there is missing state information not communicated to AT users.</li> <li>• Clinical Trial Bypass Reason page: Modal dialog after control activation: Missing dialog title and role information: The modal dialog is missing a programmatic dialog title and role="dialog" on the parent container element.</li> <li>• Tabular view of a graph page: Data table: Generic accessible name - [Tableau] The accessible name given to the data table using aria-label attribute does not describe the purpose to AT users.</li> <li>• Header and Help Info Dialog components: Modal dialog: Missing name and role: The modal dialog is missing a dialog title and role information.</li> <li>• Side panel: Expand/Collapse buttons: Repetitive accessible name: The controls have the same accessible name.</li> <li>• Footer: Disabled menu item controls - [Tableau] Disabled menu item controls are hidden from AT even though they are visible on the screen.</li> <li>• Biomarker Results, Biomarker Results - Result Trends, Clinical Trial Performance, Clinical Trial Bypass Reason, and Trial Pre-Screening Patient Finder pages: Clear search field control: Missing name and role: [Tableau] The clear button (appears as an "X") in the input field within comboboxes does not have an accessible name and missing role information.</li> <li>• Trial Pre-Screening Patient Finder page: Text: Improper structure and image of text - [Tableau] There is text announced as a chart and uses image of text.</li> <li>• Trial Pre-Screening Patient Finder page: Some form field groups: Missing grouping - [Tableau] The related form fields are not programmatically grouped together. It can be confusing to understand the relationship and purpose for AT users.</li> </ul>
<p><a href="#">4.1.3: Status Messages</a> (AA) In content implemented using</p>	<p>Does not support</p>	<p>Status messages, while uncommonly encountered, are typically not announced by assistive technology.</p> <p><b>Exceptions:</b></p>

<p>markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus.</p>		<ul style="list-style-type: none"> <li>• Trial Feasibility Calculator and Trial Pre-Screening Patient Finder pages: Dynamic page updates from searches: Missing update message - [Tableau] When using any of the search form fields, there is no update announcement when the page content has been updated after submission.</li> </ul>
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Multimedia

WCAG 2.1 Checkpoint	Conformance Level	Remarks
<p><a href="#">1.2.1: Audio-only or Video-only (Prerecorded)</a> (A) Provide alternatives for pre-recorded audio-only or video-only content.</p>	Supports (N/A)	There is no pre-recorded audio-only or video-only content.
<p><a href="#">1.2.2: Captions (Prerecorded)</a> (A) Provide captions for pre-recorded audio</p>	Supports (N/A)	There is no audio-visual content.
<p><a href="#">1.2.3: Audio Description or Media Alternative (Prerecorded)</a> (A) Provide alternatives for pre-recorded synchronized audio/video</p>	Supports (N/A)	There is no audiovisual content found in the product and therefore no video content within any audiovisual content.
<p><a href="#">1.2.4: Captions (Live)</a> (AA) Provide captions for live audio in synchronized audio/video.</p>	Supports (N/A)	There is no synchronized audio/video content nor live audio.
<p><a href="#">1.2.5: Audio Description (Prerecorded)</a> (AA) Provide an audio description of pre-recorded video.</p>	Supports (N/A)	There is no pre-recorded audio-visual content in product.
<p><a href="#">1.4.2: Audio Control</a> (A) Audio can be paused and stopped, or the audio volume can be changed.</p>	Supports (N/A)	No pages feature audio that plays automatically.

<p><a href="#">2.2.2: Pause, Stop, Hide</a> (A) Users can stop, pause, or hide moving, blinking, scrolling, or auto-updating information.</p>	Supports	There is no moving, scrolling, or auto-updating information for which the criterion is applicable.
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## Usability

WCAG 2.1 Checkpoint	Conformance Level	Remarks
<p><a href="#">2.2.1: Timing Adjustable</a> (A) Users are warned of time limits shorter than 20 hours and time limits can be turned off or extended</p>	Supports	Most pages are not subject to session time limits. Pages expecting input or form submission, feature a session timeout for user inactivity. After a period of inactivity of ~20 minutes, a dialog is presented to ask if the user would like to extend the session and avoid the timeout (“Are you still there?”); a countdown of 1000 seconds is initiated and shown in the dialog. The dialog advises that the user may avoid the timeout via single mouseclick or keypress. Failure to respond by the end of the countdown results in the user being logged out of the session.
<p><a href="#">2.4.5: Multiple Ways</a> (AA) More than one way is available to navigate to other web pages.</p>	Partially supports	<p>All pages (except steps/results of a process) may typically be located and accessed in multiple ways. For example, main navigation is consistently available across pages, and secondary navigation is often present in the form of breadcrumb trails representing page hierarchy and tablist.</p> <p><b>Exceptions:</b></p> <ul style="list-style-type: none"> <li>All Pages: There is no global search method to easily locate and navigate other pages.</li> </ul>
<p><a href="#">3.2.2: On Input</a> (A) Changing the setting of a checkbox, radio button, or other UI component does not trigger unexpected changes in context.</p>	Partially supports	<p>Most of the user input, such as changing the values of form elements, does not initiate unexpected actions or changes in context.</p> <p><b>Exceptions:</b></p> <ul style="list-style-type: none"> <li>Tabular view of a graph page: Menu controls: Focus change on input - [Tableau] When some controls are activated, the menu closes and the focus is forced to the cell in the next row. It may be disorienting, tedious, and confusing for keyboard only users when they want to move a column twice over in a direction. This is more pronounced of an issue with four or more columns in the data table.</li> </ul>
<p><a href="#">3.2.3: Consistent Navigation</a> (AA) Navigation menus are in the same location and order on every web page.</p>	Supports	Navigation menus are consistent across pages. For example, global navigation links in the header are consistent across pages, occurring in the same order; secondary navigation is consistently positioned across appropriate sets of pages.
<p><a href="#">3.3.4: Error Prevention (Legal, Financial, Data)</a> (AA)</p>	Supports	There are no submissions which require legal or financial commitments.

For web pages with legal or financial commitments, input can be reviewed and corrected before final submission, and submissions can be reverted.		
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## Mobile User Experience

WCAG 2.1 Checkpoint	Conformance Level	Remarks
<a href="#">1.3.4: Orientation</a> (AA) Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential.	Supports	Pages do not restrict view and operation of content to a single orientation.
<a href="#">2.5.1: Pointer Gestures</a> (A) All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential.	Supports	Pages do not utilize or require multipoint or path-based gestures for any functionality.
<a href="#">2.5.2: Pointer Cancellation</a> (A) For functionality that can be operated using a single pointer, at least one of the following is true: <ul style="list-style-type: none"> <li>• No Down-Event</li> <li>• Abort or Undo</li> <li>• Up Reversal</li> <li>• Essential</li> </ul>	Supports	All interactive content functions through the Up-Event, allowing users to potentially move their pointer off the component to cancel.
<a href="#">2.5.4: Motion Actuation</a> (A) Functionality that can be operated by device motion or user motion can also be operated by user interface components and	Supports	There is no content that utilizes device or user motion.

<p>responding to the motion can be disabled to prevent accidental actuation, except when:</p> <ul style="list-style-type: none"><li>• Supported Interface</li><li>• Essential</li></ul>		
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