

NCSS, LLC Accessibility Conformance Report

WCAG Edition

(Based on VPAT[®] Version 2.5)

Name of Product/Version: PASS 2025

Report Date: January 15, 2025

Product Description: PASS software provides power and sample size tools for numerous statistical test and confidence interval scenarios. PASS is used extensively in clinical trial planning, grant proposals, pharmaceutical research, statistical and biostatistical consulting, health research, and many other areas of study planning and study evaluation.

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Evaluation Methods Used: Testing is based on general product knowledge.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

| Standard/Guideline | Included In Report |
|--|---|
| Web Content Accessibility Guidelines 2.0 | Level A (Yes) Level AA (Yes) Level AAA (No) |
| Web Content Accessibility Guidelines 2.1 | Level A (Yes) Level AA (Yes) Level AAA (No) |
| Web Content Accessibility Guidelines 2.2 | Level A (Yes) Level AA (Yes) Level AAA (No) |

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.

WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
|--|--------------------|---|
| 1.1.1 Non-text Content (Level A) | Partially Supports | Graphical output is not accompanied by a single text alternative. However, in most cases, graphs are presented alongside numeric tables that contain similar information. |
| 1.2.1 Audio-only and Video-only (Prerecorded) (Level A) | Supports | The software does not contain prerecorded audio-only nor video-only media. |
| 1.2.2 Captions (Prerecorded) (Level A) | Supports | The software does not contain prerecorded audio. |
| 1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) | Supports | The software does not contain prerecorded audio nor video media. |
| 1.3.1 Info and Relationships (Level A) | Does Not Support | Standard UI components such as menus, checkboxes, menu buttons, radio buttons, and pop-up buttons are identified by their text labels, component name, and state, if applicable. |
| 1.3.2 Meaningful Sequence (Level A) | Does Not Support | When the sequence in which content is presented affects its meaning, a correct reading sequence cannot be programmatically determined. |
| 1.3.3 Sensory Characteristics (Level A) | Supports | Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, color, size, visual location, orientation, or sound. |
| 1.4.1 Use of Color (Level A) | Supports | Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. Charts can use patterns. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|--------------------|--|
| 1.4.2 Audio Control (Level A) | Supports | The software does not contain audio. |
| 2.1.1 Keyboard (Level A) | Partially Supports | There are a few instances where keyboard support is not available. |
| 2.1.2 No Keyboard Trap (Level A) | Supports | When focus can be moved to a component using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, when it requires more than unmodified arrow or tab keys, the user is advised of the method for moving focus away. |
| 2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2) | Not Applicable | There are always alternate methods to trigger events. |
| 2.2.1 Timing Adjustable (Level A) | Supports | There are no time limits in the software. Users are allowed as much time as they need. |
| 2.2.2 Pause, Stop, Hide (Level A) | Supports | There is no moving, blinking, scrolling, or auto-updating information. |
| 2.3.1 Three Flashes or Below Threshold (Level A) | Supports | The user interface does not contain flashing content. |
| 2.4.1 Bypass Blocks (Level A) | Not Applicable | Does not apply to non-web software. |
| 2.4.2 Page Titled (Level A) | Supports | Titles are provided that describe topic or purpose. |
| 2.4.3 Focus Order (Level A) | Supports | For content that can be navigated sequentially, and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. |
| 2.4.4 Link Purpose (In Context) (Level A) | Supports | The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context. This is not a requirement where the purpose of the link would be ambiguous to users in general. |
| 2.5.1 Pointer Gestures (Level A 2.1 and 2.2) | Supports | No functionality uses multipoint or path-based gestures for operation. |
| 2.5.2 Pointer Cancellation (Level A 2.1 and 2.2) | Supports | For functionality that can be operated using a single pointer, the down event is not used to execute any part of the function, the completion of the function is on the up-event with way to abort or undo the function, or the up event reverses the outcome of the down event. This is not a requirement when completing the function on |

| Criteria | Conformance Level | Remarks and Explanations |
|--|-------------------|---|
| | | the down-event is essential. |
| 2.5.3 Label in Name (Level A 2.1 and 2.2) | Supports | The software doesn't use images of text. |
| 2.5.4 Motion Actuation (Level A 2.1 and 2.2) | Supports | No functionality can be operated by motion. |
| 3.1.1 Language of Page (Level A) | Supports | The language is always EN-US. |
| 3.2.1 On Focus (Level A) | Supports | When any component receives focus, it does not initiate a change of context. |
| 3.2.2 On Input (Level A) | Supports | Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. |
| 3.2.6 Consistent Help (Level A 2.2 only) | Supports | Help mechanisms occur in the same order relative to other page content. |
| 3.3.1 Error Identification (Level A) | Supports | When an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. |
| 3.3.2 Labels or Instructions (Level A) | Supports | Labels or instructions are provided when content requires user input. |
| 3.3.7 Redundant Entry (Level A 2.2 only) | Supports | <p>Information previously entered by or provided to the user that is required to be entered again in the same process is either:</p> <ul style="list-style-type: none"> • auto-populated, or • available for the user to select. <p>Except when:</p> <ul style="list-style-type: none"> • re-entering the information is essential, • the information is required to ensure the security of the content, or • previously entered information is no longer valid. |
| 4.1.1 Parsing (Level A) WCAG 2.0 and 2.1 – Always answer 'Supports' WCAG 2.2 (obsolete and removed) - Does not apply | Supports | For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata . |
| 4.1.2 Name, Role, Value (Level A) | Does Not Support | Interface components cannot be programmatically |

| Criteria | Conformance Level | Remarks and Explanations |
|----------|-------------------|---|
| | | determined. Radio buttons, checkboxes, menu buttons, and dialog tabs include details for name and present state. |

Table 2: Success Criteria, Level AA

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
|---|-------------------|---|
| 1.2.4 Captions (Live) (Level AA) | Supports | The software does not contain live audio content nor synchronized media. |
| 1.2.5 Audio Description (Prerecorded) (Level AA) | Supports | The software does not contain prerecorded audio. |
| 1.3.4 Orientation (Level AA 2.1 and 2.2) | Does Not Support | Output is always top-to-bottom. |
| 1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2) | Does Not Support | The purpose of input fields about the user, as identified in the "Input purposes for user interface components" section of WCAG, cannot be programmatically determined in supported technologies. |
| 1.4.3 Contrast (Minimum) (Level AA) | Supports | The visual presentation of text and images of text have a contrast ratio of at least 4.5:1, and any large print and images of large print have a contrast ratio of 3:1. |
| 1.4.4 Resize text (Level AA) | Supports | Text (but not images of text) can be resized without assistive technology up to 200 percent without loss of content or functionality. |
| 1.4.5 Images of Text (Level AA) | Supports | Text is used to convey information rather than images. When an image of text is used, it is essential to the information being conveyed and the image can be visually customized to the user's requirements. |
| 1.4.10 Reflow (Level AA 2.1 and 2.2) | Supports | Content can reflow without loss of information or functionality, and without requiring scrolling in two dimensions. This is not a requirement for parts of content which require two-dimensional layout for usage or meaning. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|--------------------|--|
| 1.4.11 Non-text Contrast (Level AA 2.1 and 2.2) | Supports | The parts of graphical objects required to understand the content, and the visual information required to identify UI components and states, have a contrast ratio of at least 3:1 against adjacent colors. This is not a requirement for disabled components, or where the appearance is determined by the user agent and has not been modified by the author or when the graphics presentation is essential. Chart series patterns and colors are under user control. |
| 1.4.12 Text Spacing (Level AA 2.1 and 2.2) | Partially Supports | No loss of content or functionality occurs in most cases when users change letter spacing up to 0.12 times the font size, word spacing up to 0.16 times the font size, paragraph spacing up to 2 times the font size, and line height up to 1.5 times the line size. This is not a requirement when human languages and scripts do not make use of these style properties. |
| 1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2) | Supports | Where hover or focus actions cause additional content to become visible and then hidden, the additional content is dismissable, hoverable and persistent. This is not a requirement when the visual presentation is controlled by the user agent and not modified by the author. |
| 2.4.5 Multiple Ways (Level AA) | Not Applicable | Does not apply to non-web software. |
| 2.4.6 Headings and Labels (Level AA) | Supports | The input fields in the dialogs have meaningful labels. The output is organized with meaningful headings. |
| 2.4.7 Focus Visible (Level AA) | Supports | Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. |
| 2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only) | Supports | When a user interface component receives keyboard focus, the component is not entirely hidden due to author-created content. |
| 2.5.7 Dragging Movements (Level AA 2.2 only) | Supports | All functionality that uses a dragging movement for operation can be achieved by a single pointer without dragging, unless dragging is essential or the functionality is determined by the user agent and not modified by the author. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|-------------------|--|
| 2.5.8 Target Size (Minimum) (Level AA 2.2 only) | Supports | <p>The size of the target for pointer inputs is at least 24 by 24 CSS pixels, except where:</p> <ul style="list-style-type: none"> • Spacing: Undersized targets (those less than 24 by 24 CSS pixels) are positioned so that if a 24 CSS pixel diameter circle is centered on the bounding box of each, the circles do not intersect another target or the circle for another undersized target; • Equivalent: The function can be achieved through a different control on the same page that meets this criterion; • Inline: The target is in a sentence or its size is otherwise constrained by the line-height of non-target text; • User agent control: The size of the target is determined by the user agent and is not modified by the author; • Essential: A particular presentation of the target is essential or is legally required for the information being conveyed. |
| 3.1.2 Language of Parts (Level AA) | Supports | The language is always EN-US. |
| 3.2.3 Consistent Navigation (Level AA) | Not Applicable | Does not apply to non-web software. |
| 3.2.4 Consistent Identification (Level AA) | Not Applicable | Does not apply to non-web software. |
| 3.3.3 Error Suggestion (Level AA) | Supports | If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user. |
| 3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) | Supports | <p>Content is not used for legal commitments or financial transactions, to modify user-controlled data in a storage system, or to submit test responses.</p> <p>Changes to data are reversible using undo.</p> |
| 3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only) | Not Applicable | Authentication is not required to use any aspects of the software. |

| Criteria | Conformance Level | Remarks and Explanations |
|--|-------------------|--|
| 4.1.3 Status Messages (Level AA 2.1 and 2.2) | Does Not Support | In content implemented using markup languages, status messages cannot be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. |

Table 3: Success Criteria, Level AAA

Notes: Not Evaluated

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