

jamovi Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: jamovi, version 1.6.8

Report Date: 14/12/2020

Product Description: A statistical spreadsheet

Contact Information: contact@jamovi.org

Notes:

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)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

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 be used only in WCAG 2.0 Level AAA.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with Revised Section 508:

- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 – 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 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
<p>1.1.1 Non-text Content (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially supports	Not all plots provide “alternative text”
<p>1.2.1 Audio-only and Video-only (Prerecorded) (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not applicable	
<p>1.2.2 Captions (Prerecorded) (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not applicable	
<p>1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not applicable	
<p>1.3.1 Info and Relationships (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	
<p>1.3.2 Meaningful Sequence (Level A)</p>	Supports	

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<u>1.3.3 Sensory Characteristics</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	
<u>1.4.1 Use of Color</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	
<u>1.4.2 Audio Control</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not applicable	
<u>2.1.1 Keyboard</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Does not support	At this stage, not all parts of the software can be navigated with a keyboard.
<u>2.1.2 No Keyboard Trap</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) 	Supports	

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
<p>2.2.1 Timing Adjustable (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	The appearance of notifications in jamovi typically appear for four seconds. The user can prolong the notification by hovering the mouse over them.
<p>2.2.2 Pause, Stop, Hide (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	
<p>2.3.1 Three Flashes or Below Threshold (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	
<p>2.4.1 Bypass Blocks (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	
<p>2.4.2 Page Titled (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	
<p>2.4.3 Focus Order (Level A)</p> <p>Also applies to: Revised Section 508</p>	Supports	

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p>2.4.4 Link Purpose (In Context) (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	
<p>3.1.1 Language of Page (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Only available in English at this time
<p>3.2.1 On Focus (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	When selecting an analysis in jamovi, it does trigger a context change (the display of the options), however this is so fundamental to the software's paradigm, that users will find it predictable and not disorienting.
<p>3.2.2 On Input (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	
<p>3.3.1 Error Identification (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Does not support	Aria roles have not been assigned to error dialogs
<p>3.3.2 Labels or Instructions (Level A)</p>	Supports	

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		
4.1.1 Parsing (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Does not support	Aria roles have not been assigned

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Not applicable	
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 	Not applicable	

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
<p>1.4.3 Contrast (Minimum) (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	
<p>1.4.4 Resize text (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	The entire user interface can be “zoomed”.
<p>1.4.5 Images of Text (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Does not support	There is an exception that plots (images) created in jamovi contain text that cannot be formatted
<p>2.4.5 Multiple Ways (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Not applicable	
<p>2.4.6 Headings and Labels (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	
<p>2.4.7 Focus Visible (Level AA)</p> <p>Also applies to: Revised Section 508</p>	Supports	

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p>3.1.2 Language of Parts (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially supports	jamovi only supports English at this time
<p>3.2.3 Consistent Navigation (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	
<p>3.2.4 Consistent Identification (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	
<p>3.3.3 Error Suggestion (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not applicable	
<p>3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not applicable	

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Not applicable	
1.2.7 Extended Audio Description (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Not applicable	
1.2.8 Media Alternative (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Not applicable	
1.2.9 Audio-only (Live) (Level AAA) Revised Section 508 – Does not apply	Not applicable	
1.4.6 Contrast (Enhanced) (Level AAA) Revised Section 508 – Does not apply	Supports	
1.4.7 Low or No Background Audio (Level AAA) Revised Section 508 – Does not apply	Supports	
1.4.8 Visual Presentation (Level AAA) Revised Section 508 – Does not apply	Supports	
1.4.9 Images of Text (No Exception) (Level AAA) Revised Section 508 – Does not apply	Does not support	Plots contain text that cannot be formatted
2.1.3 Keyboard (No Exception) (Level AAA) Revised Section 508 – Does not apply	Does not support	Some operations require a mouse
2.2.3 No Timing (Level AAA) Revised Section 508 – Does not apply	Supports	
2.2.4 Interruptions (Level AAA) Revised Section 508 – Does not apply	Supports	
2.2.5 Re-authenticating (Level AAA) Revised Section 508 – Does not apply	Supports	
2.3.2 Three Flashes (Level AAA) Revised Section 508 – Does not apply	Supports	
2.4.8 Location (Level AAA) Revised Section 508 – Does not apply	Supports	
2.4.9 Link Purpose (Link Only) (Level AAA) Revised Section 508 – Does not apply	Supports	

Criteria	Conformance Level	Remarks and Explanations
2.4.10 Section Headings (Level AAA) Revised Section 508 – Does not apply	Supports	
3.1.3 Unusual Words (Level AAA) Revised Section 508 – Does not apply	Not applicable	
3.1.4 Abbreviations (Level AAA) Revised Section 508 – Does not apply	Not applicable	Although there are abbreviations, in statistics it typically isn't necessary to know what these stand for. i.e. few people know what ANOVA stands for, but are able to perform the analysis regardless.
3.1.5 Reading Level (Level AAA) Revised Section 508 – Does not apply	Not applicable	The software is intended for a technical audience, and the use of technical terms is unavoidable
3.1.6 Pronunciation (Level AAA) Revised Section 508 – Does not apply	Not applicable	
3.2.5 Change on Request (Level AAA) Revised Section 508 – Does not apply	Supports	
3.3.5 Help (Level AAA) Revised Section 508 – Does not apply	Does not support	No help system is presently provided
3.3.6 Error Prevention (All) (Level AAA) Revised Section 508 – Does not apply	Not applicable	

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Notes:

Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does not support	
302.2 With Limited Vision	Does not support	
302.3 Without Perception of Color	Supports	
302.4 Without Hearing	Supports	
302.5 With Limited Hearing	Supports	
302.6 Without Speech	Supports	
302.7 With Limited Manipulation	Supports	
302.8 With Limited Reach and Strength	Supports	
302.9 With Limited Language, Cognitive, and Learning Abilities	Does not support	The software is intended for a technical audience.

Chapter 4: [Hardware](#)

Notes: Not applicable

Chapter 5: [Software](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG 2.0 section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Not applicable	No accessibility features provided
502.2.2 No Disruption of Accessibility Features	Supports	

Criteria	Conformance Level	Remarks and Explanations
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Does not support	ARIA attributes are missing
502.3.2 Modification of Object Information	Does not support	ARIA attributes are missing
502.3.3 Row, Column, and Headers	Does not support	ARIA attributes are missing
502.3.4 Values	Supports	
502.3.5 Modification of Values	Partially supports	The forms and controls within jamovi may be modified, but currently the spreadsheet cells cannot be selected or activated by assistive software.
502.3.6 Label Relationships	Partially supports	Some labels are not currently associated with their controls
502.3.7 Hierarchical Relationships	Supports	
502.3.8 Text	Supports	
502.3.9 Modification of Text	Supports	
502.3.10 List of Actions	Partially supports	The forms and controls within jamovi provide this information, however the spreadsheet cells do not, neither do the results objects in the results panel to the right.
502.3.11 Actions on Objects	Does not support	The forms and controls within jamovi provide this information, however the spreadsheet cells do not, neither do the results objects in the results panel to the right.
502.3.12 Focus Cursor	Partially supports	All forms within jamovi make use of standard focus mechanisms, however the spreadsheet currently does not.
502.3.13 Modification of Focus Cursor	Supports	
502.3.14 Event Notification	Supports	
502.4 Platform Accessibility Features	Supports	
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Supported	
503.3 Alternative User Interfaces	Not applicable	
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
503.4.1 Caption Controls	Not applicable	
503.4.2 Audio Description Controls	Not applicable	
<u>504 Authoring Tools</u>	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	See WCAG 2.0 section	See information in WCAG 2.0 section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not applicable	
504.2.2 PDF Export	Supports	
504.3 Prompts	Supports	Documents produced by jamovi are conforming by default.
504.4 Templates	Not applicable	

Chapter 6: [Support Documentation and Services](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
<i>601.1 Scope</i>	Heading cell – no response required	Heading cell – no response required
<u>602 Support Documentation</u>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG 2.0 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Not applicable	
<u>603 Support Services</u>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	
603.3 Accommodation of Communication Needs	Supports	