

# Guide to the SALT Variables



## Variables Included in the *Standard Measures Report*

	Language Measure	Description
	Current Age	Current age of speaker
<b>TRANSCRIPT LENGTH</b>		
	Total Utterances	Total number of utterances
#	C&I Verbal Utts ( <i>current analysis set</i> )	Number of utterances in the current analysis set
	All Words Including Mazes	Total number of completed words; excludes part words
	Elapsed Time (minutes)	Elapsed time in minutes
<b>INTELLIGIBILITY</b>		
	% Intelligible Utterances	% of complete verbal utterances that are complete and intelligible
<b>NARRATIVE/EXPOSITORY/PERSUASION STRUCTURE</b>		
	NSS Composite Score ESS Composite Score PSS Composite Score	Included only if the sample is a narrative/expository/persuasion ( <i>defined by +Context: Nar, +Context: Expo, +Context: Pers</i> ) and the Narrative/Expository/Persuasion Scoring Scheme has been applied; composite score is the sum of the individual scores
<b>SYNTAX/MORPHOLOGY</b>		
#	MLU in Words	Mean length of utterances in words ( <i>excludes mazes</i> )
#	MLU in Morphemes	Mean length of utterances in morphemes ( <i>excludes mazes</i> )
#	SI Composite Score	Included only if the sample has been coded for Subordination Index; composite score is the average of the individual scores
<b>SEMANTICS</b>		
#	Number Total Words (NTW)	Total number of words ( <i>excludes mazes</i> )
#	Number Different Words (NDW)	Number of different word roots ( <i>excludes mazes</i> )
#	Type Token Ratio (TTR)	Ratio of different words to total words (NDW/NTW)
#	Moving-Average TTR ( <i>window length</i> )	Estimates TTR using a moving window, e.g., for window length of 100 words, calculates TTR for words 1-100, 2-101, 3-102, and so on to the end of the sample; final value is the average of the individual TTRs
<b>DISCOURSE (not included for narrative or expository samples)</b>		
	% Responses to Questions	% of another speaker's questions that were responded to
	Mean Turn Length (words)	Mean length of speaker turn in words ( <i>excludes mazes</i> )
	Utterances with Overlapping Speech	Number of utterances containing overlapping speech
	Interrupted Other Speaker	Number of times target speaker interrupted another speaker
<b>VERBAL FACILITY</b>		
	Words/Minute	Number of Complete Words/Elapsed Time
#	Maze Words as % of Total Words	Ratio of maze words to total words (NMW/TWD)
	Pauses Within Utterances	Number of pauses within utterances
	Pauses Between Utterances	Number of pauses between utterances
	Abandoned Utterances	Number of abandoned utterances
<b>ERRORS</b>		
#	% Utterances with Errors	Percent of utterances which contain omissions or error codes
	Number of Omissions	Number of omitted words or bound morphemes
	Number of Error Codes	Number of words or utterances coded as errors

## Follow-up reports based on results of the *Standard Measures Report*

When one or more measures on the *Standard Measures Report* indicates the need for more detailed information, use the Analyze and Database menus to support your findings. Below are suggestions for where to look further.

	Language Measure	Additional Reports/Comments
	<ul style="list-style-type: none"> <li>• Current Age</li> </ul>	
<b>TRANSCRIPT LENGTH</b>		
#	<ul style="list-style-type: none"> <li>• Total Utterances</li> <li>• C&amp;I Verbal Utts</li> <li>• Total Completed Words</li> <li>• Elapsed Time (minutes)</li> </ul>	<ul style="list-style-type: none"> <li>• Read the transcript</li> <li>• Analyze menu: Summary of Utterance Types</li> <li>• Code for Narrative/Expository/Persuasion Scoring Scheme               <ul style="list-style-type: none"> <li>– Analyze/Database menus: Narrative Scoring Scheme</li> <li>– Analyze/Database menus: Expository Scoring Scheme</li> <li>– Analyze/Database menus: Persuasion Scoring Scheme</li> </ul> </li> </ul>
<b>INTELLIGIBILITY</b>		
	<ul style="list-style-type: none"> <li>• % Intelligible Utterances</li> </ul>	<ul style="list-style-type: none"> <li>• Analyze menu: Standard Utterance Lists (<i>select unintelligible &amp; partly intelligible</i>)</li> </ul>
<b>NARRATIVE/EXPOSITORY/PERSUASION STRUCTURE</b>		
	<ul style="list-style-type: none"> <li>• NSS Composite Score</li> <li>• ESS Composite Score</li> <li>• PSS Composite Score</li> </ul>	<ul style="list-style-type: none"> <li>• Analyze/Database menus: Narrative Scoring Scheme</li> <li>• Analyze/Database menus: Expository Scoring Scheme</li> <li>• Analyze/Database menus: Persuasion Scoring Scheme</li> </ul>
<b>SYNTAX/MORPHOLOGY</b>		
#	<ul style="list-style-type: none"> <li>• MLU in Words</li> </ul>	<ul style="list-style-type: none"> <li>• Analyze menu: Word and Morpheme Summary</li> <li>• Analyze menu: Word Root Table (<i>expand by words to include bound morphemes</i>)</li> <li>• Analyze menu: Bound Morpheme Table</li> <li>• Database menu: Words Lists, Bound Morphemes, &amp; Utt. Distribution (<i>focus on bound morphemes &amp; utt. distribution</i>)</li> <li>• Code for Subordination Index               <ul style="list-style-type: none"> <li>– Analyze/Database menus: Subordination Index</li> </ul> </li> </ul>
#	<ul style="list-style-type: none"> <li>• MLU in Morphemes</li> </ul>	
#	<ul style="list-style-type: none"> <li>• SI Composite Score</li> </ul>	<ul style="list-style-type: none"> <li>• Analyze/Database menus: Subordination Index</li> </ul>
<b>SEMANTICS</b>		
#	<ul style="list-style-type: none"> <li>• Number Total Words (NTW)</li> </ul>	<ul style="list-style-type: none"> <li>• Analyze menu: Word and Morpheme Summary</li> <li>• Analyze menu: Word Root Table (<i>expand if desired</i>)</li> <li>• Analyze menu: Standard Word Lists (<i>specify which to view</i>)</li> <li>• Analyze menu: Standard Utterance Lists (<i>specify which to view</i>)</li> <li>• Database menu: Words Lists, Bound Morphemes, &amp; Utt. Distribution (<i>focus on word lists</i>)</li> <li>• Analyze/Database menus: Grammatical Categories (<i>English only</i>)</li> <li>• Analyze menu: Grammatical Category Lists (<i>English only</i>)</li> </ul>
#	<ul style="list-style-type: none"> <li>• Number Different Words (NDW)</li> </ul>	
#	<ul style="list-style-type: none"> <li>• Type Token Ratio (TTR)</li> </ul>	
#	<ul style="list-style-type: none"> <li>• Moving-Average TTR</li> </ul>	

<b>DISCOURSE (not included for narrative or expository samples)</b>		
	<ul style="list-style-type: none"> <li>• % Responses to Questions</li> <li>• Mean Turn Length (words)</li> <li>• Utterances with Overlapping Speech</li> <li>• Interrupted Other Speaker</li> </ul>	<ul style="list-style-type: none"> <li>• Analyze/Database menus: Discourse Summary</li> <li>• Analyze menu: Standard Utterance Lists <i>(select 2<sup>nd</sup> speaker questions and look at following entries; select utterances with overlapping speech)</i></li> </ul>
<b>VERBAL FACILITY</b>		
#	<ul style="list-style-type: none"> <li>• Words/Minute</li> <li>• Maze Words as % of Total Words</li> <li>• Pauses Within Utterances</li> <li>• Pauses Between Utterances</li> <li>• Abandoned Utterances</li> </ul>	<ul style="list-style-type: none"> <li>• Analyze menu: Rate and Pause Summary</li> <li>• Analyze/Database menus: Maze Summary</li> <li>• Analyze menu: Standard Utterance Lists <i>(select utterances with mazes, utterances with pauses, and/or abandoned utterances)</i></li> <li>• Analyze menu: Fluency Codes and Behaviors <i>(if sample was coded for fluency)</i></li> </ul>
<b>ERRORS</b>		
#	<ul style="list-style-type: none"> <li>• % Utterances with Errors</li> <li>• Number of Omissions</li> <li>• Number of Error Codes</li> </ul>	<ul style="list-style-type: none"> <li>• Analyze menu: Omissions and Error Codes <i>(look for patterns)</i></li> <li>• Analyze menu: Code Summary</li> <li>• Analyze menu: Word Code Tables</li> <li>• Analyze menu: Utterance Code Tables</li> <li>• Analyze menu: Standard Utterance Lists <i>(select utterances with omissions, error codes)</i></li> </ul>