

Guide to the SALT 20 Variables

Variables Included in the *Standard Measures Report*



	Language Measure	Description
	Current Age	Current age of speaker
TRANSCRIPT LENGTH		
	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 (<i>excludes part words</i>)
	Elapsed Time	Elapsed time in minutes
INTELLIGIBILITY		
	% Intelligible Utterances	% of verbal utterances or words that do not contain unintelligible segments
	% Intelligible Words	(<i>excludes mazes</i>)
MACRO ANALYSIS		
	NSS Composite Score ESS Composite Score PSS Composite Score ONQ Composite Score CQ Composite Score ONC Composite Score	- Included if the sample is a narrative, expository, or persuasion (<i>defined by +Context: Nar, +Context: Expo, +Context: Pers</i>) and the specific scoring scheme has been applied on plus lines in the transcript; composite score is the sum of the individual scores - Comprehension questions composite score (<i>if transcript is narrative and scored for comprehension</i>) - Oral narrative comprehension composite score (<i>if transcript is narrative based on AGL story and is scored for comprehension</i>)
SYNTAX/MORPHOLOGY		
#	MLU in Words MLU in Morphemes	Mean length of utterances in words or morphemes (<i>excludes mazes</i>)
#	% Utterances with Verbs Mean Verbs per Utterance	- percent of utterances which contain verbs - ratio of the number of verbs to the number of utterances (<i>verbs are identified as either "Verbs" or "Copula Forms" using the Grammatical Category algorithm – only available for English samples</i>)
#	% Utts with Nonmainstream Forms	Percent of utterances which contain one or more nonmainstream-form codes
#	SI Composite Score	Included only if the sample has been coded for Subordination Index; composite score is the average of the individual scores
SEMANTICS		
#	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>)
#	Moving-Average NTW Moving-Average NDW Moving-Average Type-Token Ratio (TTR)	Estimates NDW using a moving window. Initially, a window size (Moving-Average NTW) is selected, e.g., 100 words, and NDW for words 1–100 is calculated. Then NDW is calculated for words 2–101, then 3–102, and so on to the end of the sample. Moving-Average NDW is then calculated as the average of the individual NDWs. Finally Moving-Average TTR is calculated by dividing Moving-Average NDW by Moving-Average NTW.
DISCOURSE (<i>not included for narrative or expository samples</i>)		
	Mean Turn Length (utterances) Mean Turn Length (words)	Average number of consecutive utterances/words (<i>excludes mazes</i>)
	% Responses to Questions % Responses to Intonation Prompts	% of another speaker's questions/intonation prompts that were responded to, where response is defined as an utterance from the target speaker immediately following the question or prompt
	% Utts with Overlapping Speech	Number of utterances containing overlapping speech
	% Utts Interrupted Other Speaker	Number of times target speaker interrupted another speaker

VERBAL FACILITY	
Words/Minute	Ratio of all words produced to the elapsed time (<i>excludes part words</i>)
Pause Time as % of Total Time	Percent of elapsed time that consists of pause time
Maze Words as % of Total Words	Percent of total words that are in mazes
% Abandoned Utterances	Percent of total utterances that were abandoned
% Utterances with Fluency Codes	Percent of total utterances which contain one or more fluency codes
ERRORS	
% 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

Measures based on the C&I Verbal Utts (*current analysis set*)

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"> Current Age 	
TRANSCRIPT LENGTH	
# <ul style="list-style-type: none"> Total Utterances C&I Verbal Utts All Words Including Mazes Elapsed Time 	<ul style="list-style-type: none"> Read the transcript Analyze menu: Summary of Utterance Types Analyze quality of narratives by applying NSS/ESS/PSS/ONQ coding (<i>see MACRO ANALYSIS section</i>)
INTELLIGIBILITY	
<ul style="list-style-type: none"> % Intelligible Utterances % Intelligible Words 	<ul style="list-style-type: none"> Listen to the audio to determine if unintelligibility is due to the client's speech production, or whether it is due to equipment and/or environment Analyze menu: Standard Utterance Lists (<i>select unintelligible & partly intelligible</i>) Database menu: Transcript Length & Intelligibility
MACRO ANALYSIS	
<ul style="list-style-type: none"> NSS Composite Score ESS Composite Score PSS Composite Score ONQ Composite Score CQ & ONC Composite Scores 	<ul style="list-style-type: none"> Analyze/Database menus: Narrative Scoring Scheme Analyze/Database menus: Expository Scoring Scheme Analyze/Database menus: Persuasion Scoring Scheme Analyze/Database menus: Oral Narrative Quality Analyze menu: Comprehension Questions
SYNTAX/MORPHOLOGY	
# <ul style="list-style-type: none"> MLU in Words 	<ul style="list-style-type: none"> Analyze/Database menus: Syntax/Morphology Summary
# <ul style="list-style-type: none"> MLU in Morphemes 	<ul style="list-style-type: none"> Analyze/Database menus: Utterance Distribution Tables
# <ul style="list-style-type: none"> % Utterances with Verbs 	<ul style="list-style-type: none"> Analyze menu: Bound Morpheme Tables (<i>expand if desired</i>)
# <ul style="list-style-type: none"> Mean Verbs per Utterance 	<ul style="list-style-type: none"> Apply Subordination Index (SI) coding
# <ul style="list-style-type: none"> % Utts with Nonmainstream Forms 	<ul style="list-style-type: none"> Analyze/Database menus: Syntax/Morphology Summary Analyze menu: Standard Utterance Lists (<i>select utterances with Nonmainstream-form codes</i>)
# <ul style="list-style-type: none"> SI Composite Score 	<ul style="list-style-type: none"> Analyze/Database menus: Subordination Index

SEMANTICS		
#	<ul style="list-style-type: none"> • Number Total Words (NTW) 	<ul style="list-style-type: none"> • Analyze/Database menus: Semantics Summary
#	<ul style="list-style-type: none"> • Number Different Words (NDW) 	<ul style="list-style-type: none"> • Analyze menu: Word Root Tables <i>(expand if desired)</i>
#	<ul style="list-style-type: none"> • Moving-Average NTW 	<ul style="list-style-type: none"> • Analyze menu: Standard Word Lists <i>(specify which to view)</i>
#	<ul style="list-style-type: none"> • Moving-Average NDW 	<ul style="list-style-type: none"> • Analyze/Database menus: Grammatical Categories <i>(English only)</i>
#	<ul style="list-style-type: none"> • Moving-Average TTR 	<ul style="list-style-type: none"> • Analyze menu: Grammatical Category Lists <i>(English only)</i>
DISCOURSE <i>(not included for narrative, expository, or persuasion samples)</i>		
	<ul style="list-style-type: none"> • Mean Turn Length (utterances) • Mean Turn Length (words) • % Responses to Questions • % Responses to Intonation Prompts • % Utts with Overlapping Speech • % Utts Interrupted Other Speaker 	<ul style="list-style-type: none"> • Analyze/Database menus: Discourse Summary • Analyze/Database menus: Turn Length Distribution Tables • Analyze menu: Standard Utterance Lists <i>(select 2nd speaker questions and/or intonation prompts and look at following entries; select utterances with overlapping speech; select 2nd speaker interrupted utterances and look at following entries)</i>
VERBAL FACILITY		
#	<ul style="list-style-type: none"> • Words/Minute • Pause Time as % of Total Time • Maze Words as % of Total Words • % Abandoned Utterances • % Utterances with Fluency Codes 	<ul style="list-style-type: none"> • Analyze/Database menus: Verbal Facility Summary • Analyze menu: Standard Utterance Lists <i>(select utterances with pauses, utterances with mazes, abandoned utterances, and/or fluency codes)</i> • Analyze menu: Fluency Codes and Behaviors <i>(if sample was coded for fluency)</i>
ERRORS		
	<ul style="list-style-type: none"> • % Utterances with Errors • Number of Omissions • Number of Error Codes 	<ul style="list-style-type: none"> • Analyze/Database menus: Errors Summary • Analyze menu: Omissions and Error Codes <i>(look for patterns)</i> • Analyze menu: Code Summary • Analyze menu: Word Code Tables • Analyze menu: Utterance Code Tables • Analyze menu: Standard Utterance Lists <i>(select utterances with omissions, error codes)</i>