

SALT 20 Standard Measures Report

TURN THIS...

Compare your client's language sample with age and grade-matched peers selected from the reference databases built into SALT. The *Standard Measures Report* presents the results in table format. Values which are at least one standard deviation from the database mean are highlighted.

kaia con

TRANSCRIPT INFORMATION
Speaker: Kaia (Child)
Sample Date: 9/11/2017
Current Age: 11;4, Grade: 6
Context: Conversation

DATABASE INFORMATION
Database: Conversation
25 Samples Matched By Age
24 Samples Cut at 621 Number Total Words
Context: Conversation

STANDARD MEASURES REPORT
Compared to 24 Samples Equated By Same Number of Total Words

LANGUAGE MEASURE	Child		DATABASE			
	Score	+/-SD	Mean	Min	Max	SD
Current Age (11;4)	11.33 *	1.52	11.10	10.83	11.33	0.16
TRANSCRIPT LENGTH						
Total Utterances	92	-0.75	111.13	76	177	25.48
C&I Verbal Utts	91	-0.52	104.21	67	167	25.30
All Words Including Mazes	797 **	4.90	691.08	656	733	21.62
Elapsed Time (10:51)	10.85 *	1.98	7.09	4.27	12.17	1.90
INTELLIGIBILITY						
% Intelligible Utterances	98.9%	-0.77	99.48	97.30	100.00	0.74
% Intelligible Words	99.8%	-0.13	99.86	99.37	100.00	0.18
SYNTAX/MORPHOLOGY						
MLU in Words	6.82	0.32	6.35	3.72	9.31	1.48
MLU in Morphemes	7.49	0.30	6.99	4.10	10.40	1.66
% Utterances With Verbs	73.6%	0.08	72.58	46.11	94.52	12.36
Mean Verbs per Utterance	1.34	0.73	1.12	0.59	1.71	0.29
SEMANTICS						
Number Total Words (NTW)	621	0.00	621.00	621	621	0.00
Number Different Words (NDW)	192 *	-1.68	214.13	184	235	13.15
Moving-Average NTW	100	0.00	100.00	100	100	0.00
Moving-Average NDW	58	-0.62	60.43	54	66	3.16
DISCOURSE						
Mean Turn Length (utterances)	1.96	-0.34	2.15	1.49	3.62	0.55
Mean Turn Length (words)	13.30	-0.05	13.59	6.16	27.42	5.95
% Responses to Questions	88.0%	0.58	82.10	60.00	100.00	10.14
% Responses to Intonation Prompts	---		97.73	75.00	100.00	7.54
% Utts With Overlapping Speech	4.3% *	-1.61	10.90	2.30	20.29	4.06
% Utts Interrupted Other Speaker	1.1%	0.43	0.65	0.00	4.35	1.02
VERBAL FACILITY						
Words per Minute	73.46 *	-1.10	104.42	53.92	162.19	28.09
Pause Time As % of Total Time	4.8%	0.01	4.69	0.00	25.18	5.26
Maze Words As % of Total Words	22.2% **	5.54	7.51	2.82	12.66	2.65
% Abandoned Utterances	0.0% *	-1.83	3.79	0.00	9.57	2.07
ERRORS						
% Utterances With Errors	5.4%	0.31	4.69	1.32	9.28	2.39
Number of Omissions	2	-0.12	2.21	0	6	1.72
Number of Error Codes	3	-0.22	3.71	0	12	3.18

* At least 1 SD (** 2 SD) from the database mean

Calculations based on C&I Verbal Utts: Syntax/Morphology and Semantics sections, Maze Words As % of Total Words

Database selection criteria: Age +/- 6 months (10;10 - 11;4)

SALT 20 Performance Report

INTO THIS...

The *Performance Report* is a cohesive narrative which summarizes your client's expressive language performance, noting both strengths and challenges. This narrative format allows you to quickly and easily incorporate LSA results into your reports and Individual Education Plans.

Language Sample Analysis with SALT Software

Elicitation Task and Database Overview

Kaia completed a conversational sample with an examiner. Measures of sample length, intelligibility, syntax/morphology, semantics, discourse, verbal facility, and errors were calculated from her language sample and compared with samples from 24 speakers completing the same task. These speakers were within 6 months of Kaia's age. All samples were matched in length by the same number of words. All measures were interpreted using a standard deviation interval of 1.00 SD.

Transcript Length

Kaia's entire sample contained a total of 92 utterances using 797 words produced in 10 minutes and 51 seconds.

Intelligibility

Kaia's intelligibility was within normal limits with 98.9% intelligible utterances and 99.8% intelligible words.

Syntax/Morphology

Kaia's mean length of utterance (MLU) in words was 6.82, which was within the normal range compared to her database peers. Her MLU in morphemes was 7.49, which was also within the normal range. 73.6% of Kaia's utterances contained verbs with an average of 1.34 verbs per utterance. These values were both within normal limits.

Semantics

Kaia used 192 different words (NDW) within an analysis set of 621 total words (NTW). NDW can be affected by the length of the sample, so the moving-average NDW was calculated by averaging NDW across the sample, looking at each set of 100 NTW. Kaia produced a moving-average NDW of 58, which was within the normal limits, indicating typical vocabulary diversity.

Discourse

The examiner asked 25 questions and made 46 statements. Kaia produced 92 statements and didn't ask any questions. She responded to 88.0% of questions asked by the examiner, which was within normal limits compared to the database mean of 82.1%. Kaia used an average of 1.96 utterances and 13.30 words per speaking turn, which was within normal limits compared to database means of 2.15 utterances and 13.59 words. 4.3% of Kaia's utterances contained segments that overlapped with the examiner, which was within normal limits. She interrupted the examiner once during the language sample.

Verbal Facility

Kaia's rate of speech, at 73 words per minute, was slower than the database mean by 1.10 SD. Kaia's sample contained 5 within-utterance pauses for a total time of 14 seconds, with an average pause time of 2.80 seconds. The total number of pauses and total pause time were both more than 3 SD higher than the database mean, while the average pause time was within normal limits. Her sample also contained 7 between-utterance pauses for a total time of 17 seconds, with an average pause time of 2.43 seconds. These between-utterance pause values were within normal limits. Pause time as a percent of total time was 4.8%, which was within normal limits. In Kaia's sample, 22.2% of the words were filled pauses, false starts, repetitions, or reformulations. This percentage of words in mazes was more than 3 SD higher than the database mean of 7.5%. Her sample contained 74 mazes, which were found in 51.6% of her utterances. Kaia's mazes consisted of a high number of both phrase-level and word-level revisions and repetitions. A high number of pauses and mazes may indicate difficulty with word retrieval and/or utterance formulation.

Errors

5.4% of Kaia's utterances contained errors, which was comparable to her database peers. She omitted the contracted verb form once, although she produced it 21 times. She used the plural bound morpheme 17 times, the possessive bound morpheme once, the past tense bound morpheme eight times, the 3rd person singular bound morpheme 11 times, the present progressive bound morpheme five times, and a contracted negative 11 times. She also omitted the word IS once. Her sample contained the following word-level errors: HIT/3S[EW:HITTING], IS[EW:ARE], and THERE/'S[EW:THERE_ARE].