Jane Doe
11years 3months
Assessment - 27/01/2022

Dyslexia Likelihood: Low likelihood

Word Reading Fluency
Normed

111

Average
Score relative to age group

Words Correct Per Minute

Reading Accuracy
Raw score

38/48

Words Read Accurately

Phonetic Decoding Fluency
Nor

68

Below Average
Score relative to age group

Pseudowords Correct Per Minute

Sight Word Fluency
Normed

133

Average
Score relative to age group

Sight Words Correct Per Minute

Syllabication

Reading accuracy segmented into word and syllable types

	Regular words	Irregular words	Pseudowords
1 syllable	4/4	4/4	3/4
2 syllable	4/4	4/4	2/4
3 syllable	4/4	3/4	1/4
4 syllable	3/4	4/4	2/4

Word Reading Fluency

First Assessment

111

Words Correct Per Minute

Average

Last assessment

232

Words Correct Per Minute

Superior

Tendency

Results per assessment(s)

|	
111	**Average**
Words Correct Per Minute	Score relative to age group

Interpretation

Description

Word reading fluency assesses the student's fluency in reading all three word types: regular, irregular, and pseudowords, combining all word reading skills.

Word reading fluency plays a vital role in the student's ability to read. Accurate and timely decoding of words helps to improve the fluency of reading which allows for reading to become a natural, enjoyable and meaningful experience. Fluent reading means the student is then able to focus on comprehension and extracting meaning from the text and is the very reason we read.
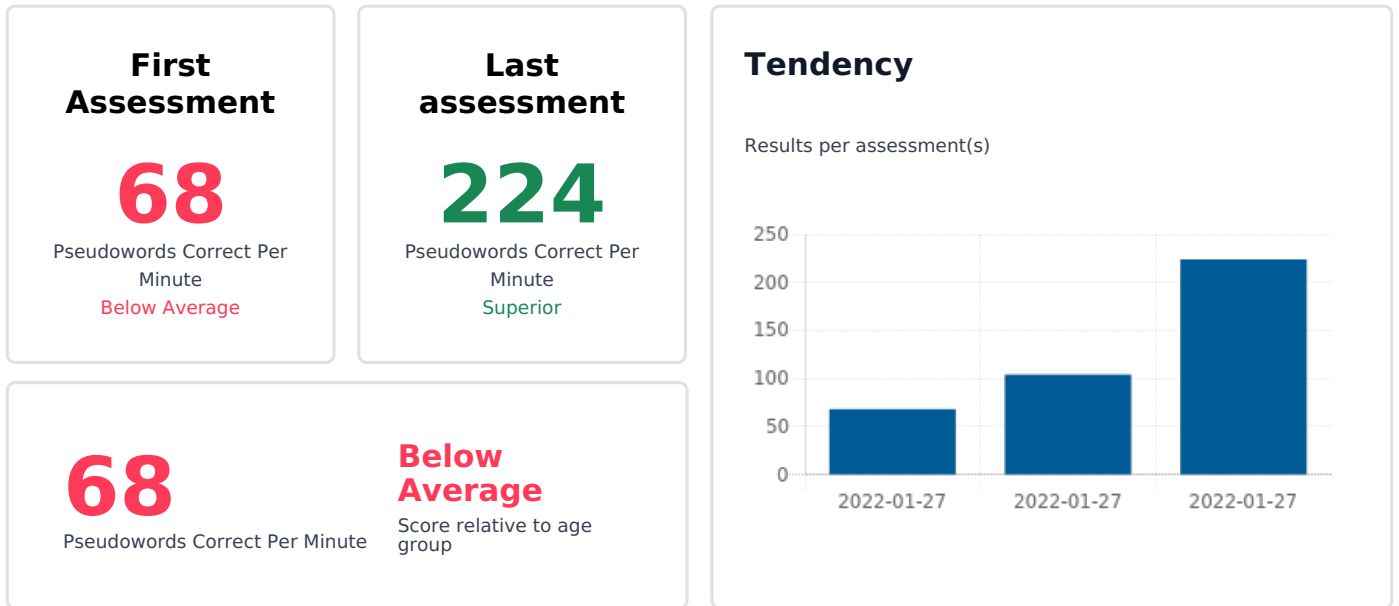
further reading↗

Sight Word Fluency

First Assessment

133

Sight Words Correct Per Minute
Average

Last assessment

235

Sight Words Correct Per Minute
Superior

133

Sight Words Correct Per Minute

Average

Score relative to age group

Tendency

Results per assessment(s)
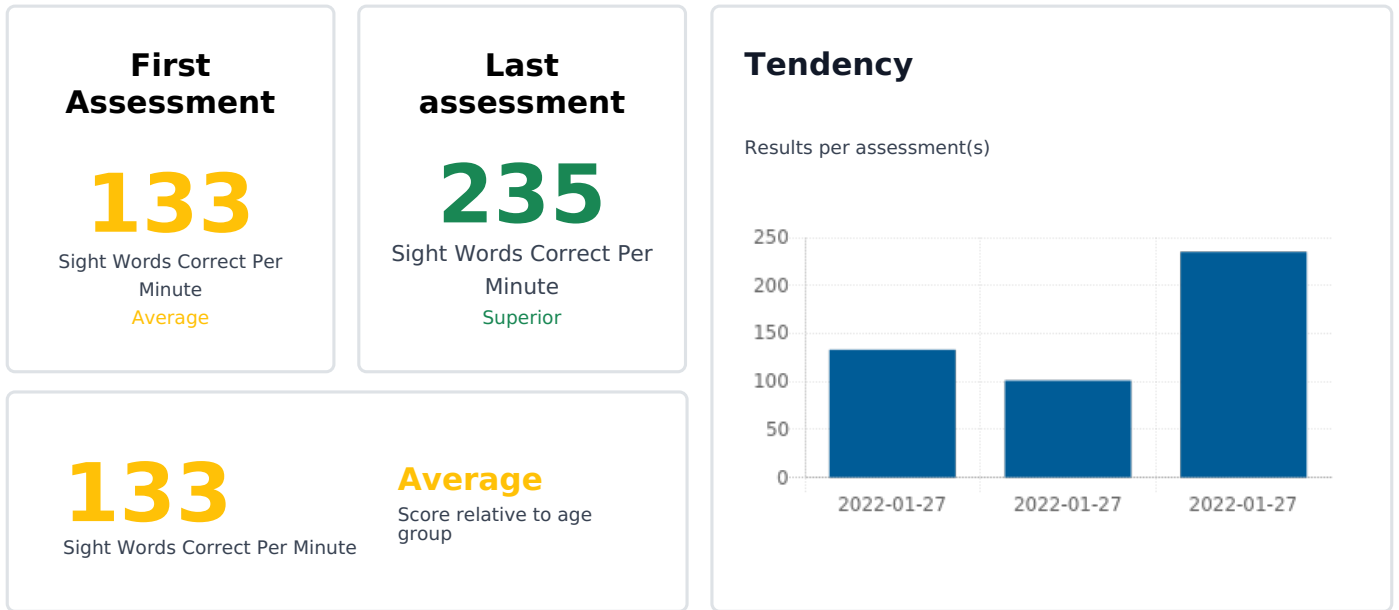
Interpretation

Description

Sight words are a mixture of regular and irregular words that make up to 75% of the words used in early children's written material. Recognising sight words automatically or by sight, therefore, contributes to reading effortlessly and with understanding.

The Dyscover assessment accesses words from a list of the 1500 most common English words in order of frequency in print, as determined by the analysis of the Google's Trillion Word Corpus. We removed any inappropriate words and adapted the word bank for use in Dyscover's inclusive assessment platform.

Phonetic Decoding Fluency

First Assessment

68

Pseudowords Correct Per Minute

Below Average

Last assessment

224

Pseudowords Correct Per Minute

Superior

68

Pseudowords Correct Per Minute

Below Average

Score relative to age group

Tendency

Results per assessment(s)

Interpretation

Description
Phonetic Decoding is the learned ability to "sound out" words that don't look familiar and is a key skill in learning to read. It requires both the knowledge of letter-sound relationships, as well as an ability to apply that knowledge to successfully identify written words and make meaning. An example of this would be when the letter c is followed by the vowels e, i, or y, it usually makes its soft sound, as in cell, city, and cypress. With other vowels, the letter c makes a hard sound, as in cap, code, and cut. The ability to phonetically decode is a foundational skill that supports students to identify words.

https://dystech.com.au

Reading Accuracy - Combined words

First Assessment

38/48

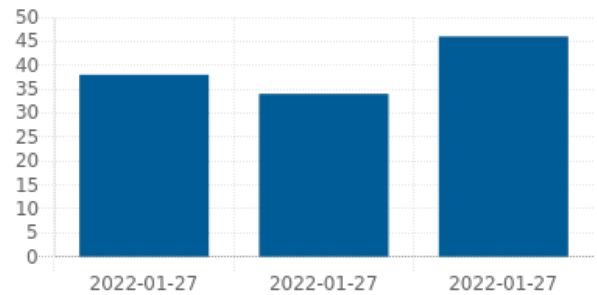Words Read Correctly

Last assessment

46/48

Words Read Correctly

38/48

Words Read Correctly

Tendency

Results per assessment(s)

Interpretation

Description

An important component in reading fluency is accuracy. Word reading accuracy is the ability to read words with very few or no mistakes and is the most essential skill of reading fluency. Therefore, an increase in accuracy leads to better fluency and comprehension.

Accurate word reading is a skill that must be mastered if students are going to be able to "read to learn". If students cannot accurately identify words, they will continue to struggle while reading.

Reading Accuracy - Regular words
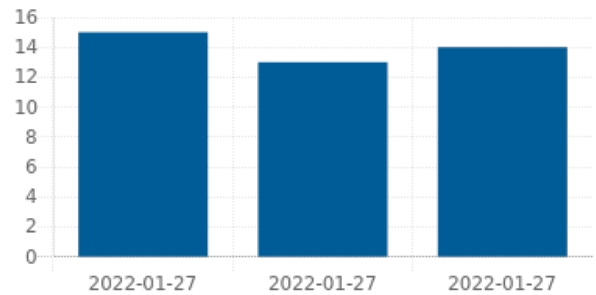
First Assessment
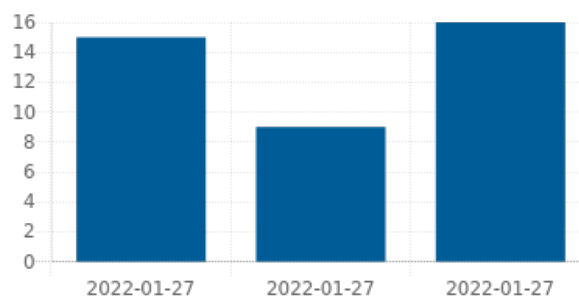
15/16

Words Read Correctly

Last assessment

14/16

Words Read Correctly

15/16

Words Read Correctly

Tendency

Results per assessment(s)

Interpretation

Description

An important component in reading fluency is accuracy. Word reading accuracy is the ability to read words with very few or no mistakes and is the most essential skill of reading fluency. Therefore, an increase in accuracy leads to better fluency and comprehension.

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https://dystech.com.au

Reading Accuracy - Irregular words

First Assessment

15/16
Words Read Correctly

Last assessment

16/16
Words Read Correctly

15/16
Words Read Correctly

Tendency

Results per assessment(s)

	2022-01-27	2022-01-27	2022-01-27

Interpretation

Description

An important component in reading fluency is accuracy. Word reading accuracy is the ability to read words with very few or no mistakes and is the most essential skill of reading fluency. Therefore, an increase in accuracy leads to better fluency and comprehension.

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https://dystech.com.au

Reading Accuracy - Pseudowords

First Assessment

8/16

Words Read Correctly

Last assessment

16/16

Words Read Correctly

8/16

Words Read Correctly
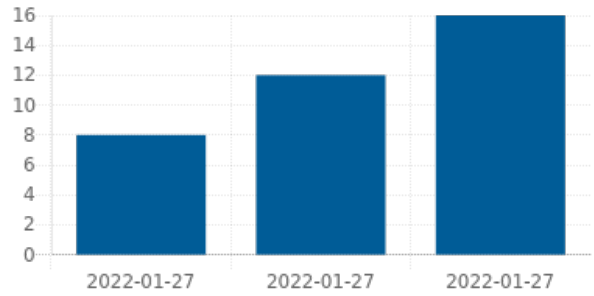
Tendency

Results per assessment(s)

| | 2022-01-27 | 2022-01-27 | 2022-01-27 |

Interpretation

Description

An important component in reading fluency is accuracy. Word reading accuracy is the ability to read words with very few or no mistakes and is the most essential skill of reading fluency. Therefore, an increase in accuracy leads to better fluency and comprehension.

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Reading Accuracy - 1 syllable

First Assessment
11/12
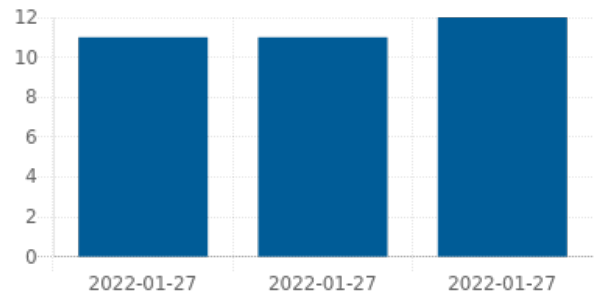Words Read Correctly

Last assessment
12/12
Words Read Correctly

11/12
Words Read Correctly

Tendency
Results per assessment(s)

Interpretation

Description

An important component in reading fluency is accuracy. Word reading accuracy is the ability to read words with very few or no mistakes and is the most essential skill of reading fluency. Therefore, an increase in accuracy leads to better fluency and comprehension.

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https://dystech.com.au

Reading Accuracy - 2 syllables

First Assessment

10/12

Words Read Correctly
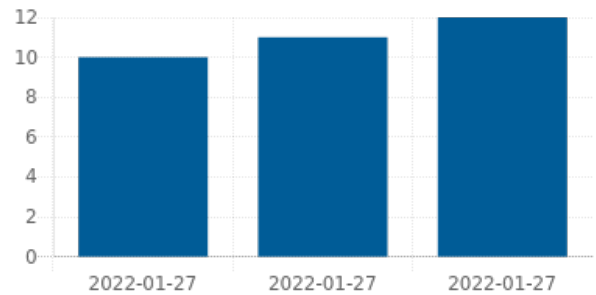
Last assessment

12/12

Words Read Correctly

10/12

Words Read Correctly

Tendency

Results per assessment(s)

Interpretation

Description

An important component in reading fluency is accuracy. Word reading accuracy is the ability to read words with very few or no mistakes and is the most essential skill of reading fluency. Therefore, an increase in accuracy leads to better fluency and comprehension.

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Reading Accuracy - 3 syllables

First Assessment
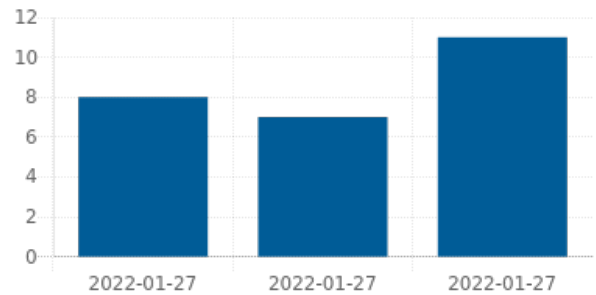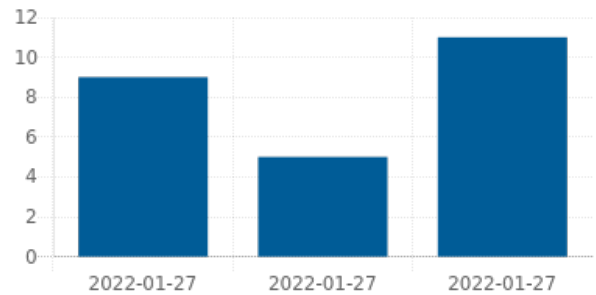
8/12

Words Read Correctly

Last assessment

11/12

Words Read Correctly

8/12

Words Read Correctly

Tendency

Results per assessment(s)

Interpretation

Description

An important component in reading fluency is accuracy. Word reading accuracy is the ability to read words with very few or no mistakes and is the most essential skill of reading fluency. Therefore, an increase in accuracy leads to better fluency and comprehension.

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Reading Accuracy - 4 syllables

First Assessment

9/12

Words Read Correctly

Last assessment

11/12

Words Read Correctly

9/12

Words Read Correctly

Tendency

Results per assessment(s)

Interpretation

Description

An important component in reading fluency is accuracy. Word reading accuracy is the ability to read words with very few or no mistakes and is the most essential skill of reading fluency. Therefore, an increase in accuracy leads to better fluency and comprehension.

Accurate word reading is a skill that must be mastered if students are going to be able to "read to learn". If students cannot accurately identify words, they will continue to struggle while reading.

Syllabication

Syllabication

Reading accuracy segmented into word and syllable types

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3 syllable	4/4	3/4	1/4
4 syllable	3/4	4/4	2/4

Interpretation

Description

Syllabication is the act of dividing words into syllables and can be described as the 'beat' or 'beats' within a word. As an example of syllabication, consider the word 'fantastic'. Dividing it into beats gives us three clear syllables: fan/tas/tic.

More than 80% of words in English have more than one syllable. It is much easier to read a new, unfamiliar word in chunks instead of trying to sound out all the letters in one long, continuous string. Chunks are easier to retain than small, individual bits of information and help to reduce the reader's cognitive load. A lighter cognitive load frees up working memory which is important because learning new skills requires a lot of working memory.

Motor Dysgraphia Screening Report

Your reference: **Jane Doe**

How to understand this report?

During the session, you provided a picture of 4/5 lines of handwritten text. This picture was securely sent to and processed on our server. Our system analysed your text and estimated six (6) metrics.

Our aim is to maximise the objectivity of screening motor dysgraphia. Being in the field of new and cutting edge data science technology there is no human in the processing loop. All these estimates are completed by a computer using **Artificial Intelligence algorithms** trained on a large dataset.

These six (6) metrics, combined with powerful Artificial Intelligence techniques, provide you with the likelihood of motor dysgraphia. **This app is a beta release**.

~27% likelihood of motor dysgraphia

0%   100%
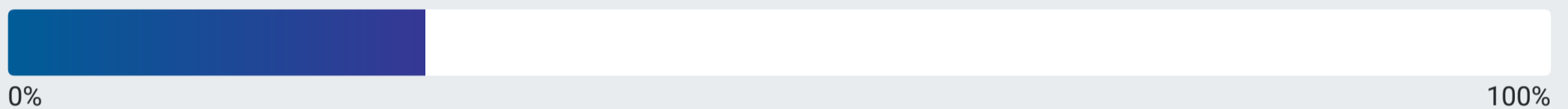
It can be challenging to determine what steps to take when you suspect your child may have a learning disorder. Although the internet provides much information about specific learning disorders and support strategies, sometimes contacting your local learning disorder association may help.

Our screening technology is in beta version. Motor dysgraphia is complex and may require more analysis to reach a conclusion. Nevertheless, an overall likelihood score (above) of more than **70%** should lead you to seek advice from an accredited professional. Please scroll further to see what the score is for each metric.

Slant

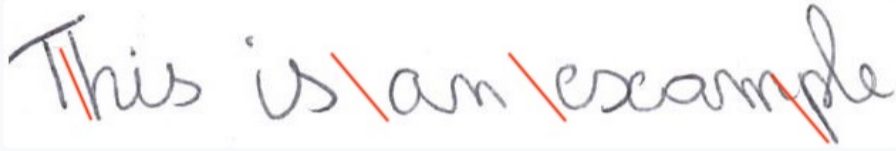Slant is the inclination towards the left or right of Roman alphabet handwritten text.

20 - 30
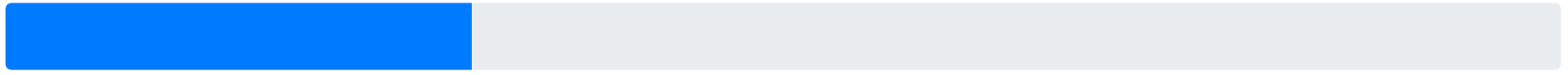
Left   Right

Example of **left** slant

Example of **right** slant

Pressure

This is the pressure applied on the paper by the writer.

60 - 70

Low   High

Example of **low** pressure

Example of **high** pressure

Amplitude

This is the average gap size between [x-height](#) and ascending/descending letters.

60 - 70

Low   High

Example of **low** amplitude

Example of **high** amplitude

Letter Spacing

This estimates the average spacing between letters in a word. Typically, a cursive writing style will lead to 0%.

70 - 80

Low   High

Example of **low** letter spacing

Example of **high** letter spacing

Word Spacing

This estimates the average spacing between words in a sentence.

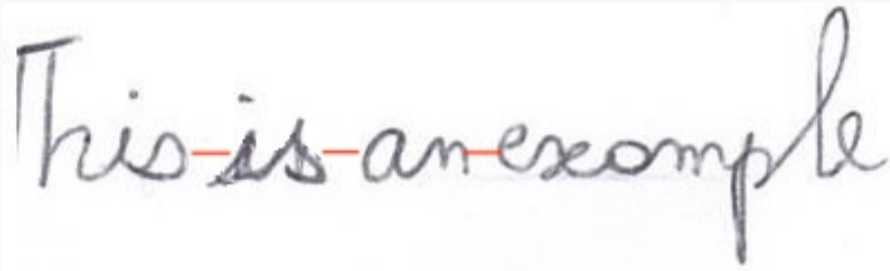## 40 - 50
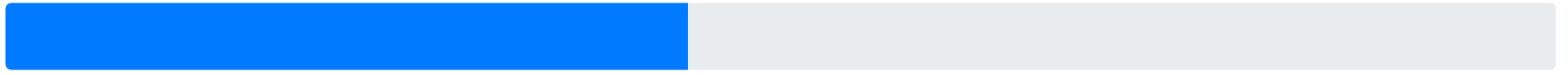
Low   High

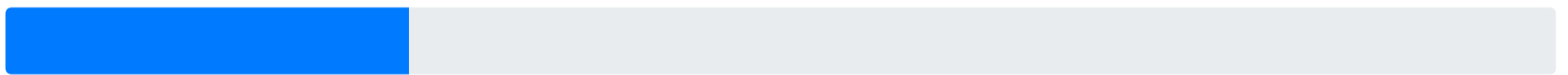### Example of **low** word spacing

Example of **high** word spacing

Regularity

Regularity is a measure of the uniformity of ascender and descender height. Printed text is more likely to be regular than handwritten text.
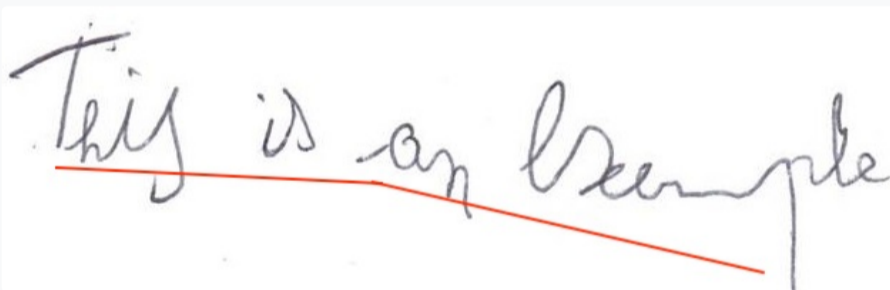
20 - 30

Low   High

Example of **low** regularity

Example of **high** regularity