Detection

Precision

1

0.97

1

1

0.923

1

1

Recall

0.74

0.64

0.46

0.48

0.48

0.32

0.62

0.9

0.82

0.83

0.85

0.74

0.7

0.8

F1 score

0.851

0.771

0.63

0.649

0.632

0.485

0.765

Accuracy

0.87

0.81

0.73

0.74

0.72

0.66

0.81

Lang

Japanese

Japanese

Japanese

Japanese

Japanese

Japanese

Japanese

Laver

model.lavers.15.mlp

model.layers.15.mlp

model.layers.15.mlp

model.layers.15.mlp

model.layers.15.mlp

model.layers.15.mlp

model.lavers.15.mlp

Feature ID

4131

12716

25135

35007

95097

95151

102746

in Japanese text.

meaning

expressions or collocations.

backbone of Japanese text.

Interpretation

The highlighted tokens are primarily Japanese grammatical particles, noun and verb suffixes, and function words that structure sentences, indicate relationships, or mark topics,

objects, and actions. These tokens are essential for conveying grammatical roles, sentence boundaries, and discourse structure

The highlighted tokens are predominantly Japanese grammatical particles, auxiliary verbs, and common function words that serve to connect, modify, or clarify relationships between content words in sentences. These include particles marking case, topic,

possession, conjunctions, and suffixes for adjectives and verbs, as well as common noun and verb endings. Their frequent activation reflects their essential role in Japanese sentence structure and

The highlighted tokens are primarily Japanese grammatical endings, auxiliary verbs, particles, and polite or formal sentence endings. These elements are essential for expressing tense,

aspect, negation, modality, and politeness, and for connecting clauses or marking sentence boundaries. They play a crucial role in structuring Japanese sentences and conveying nuanced meaning.

The highlighted tokens are primarily Japanese nouns, noun phrases, and compound words, often denoting institutions, official documents, locations, services, or key concepts relevant to

travel, administration, and procedures. Many are used in formal or informational contexts, and often appear as part of set

emphasis on function words and suffixes that connect or modify main content words, reflecting the agglutinative and context-dependent nature of Japanese sentence structure.

The highlighted tokens are primarily Japanese content words, including nouns, verbs, and adjectives, often marking key semantic roles or actions within sentences. There is a focus on tokens that convey core meaning, such as objects, actions, and

The text highlights frequent use of Japanese grammatical particles, especially the object marker, and verb or noun phrases that indicate actions, states, or attributes. There is a strong

states, as well as grammatical constructions that indicate causality, necessity, or condition. The activations also frequently emphasize parts of compound words and important inflections, reflecting the morphological structure of Japanese.

The highlighted tokens are primarily Japanese function words, particles, and common morphemes, as well as frequent kanji and katakana components found in names, titles, and grammatical

constructions. There is a strong emphasis on elements that

structure sentences, indicate relationships, or form part of proper nouns and set phrases, reflecting the syntactic and morphological Fuzzing

0.976

0.971

1

1

0.74

0.917

0.917

Recall

0.82

0.66

0.66

0.7

0.74

0.44

0.66

Accuracy F1 score Precision

0.891

0.786

0.795

0.824

0.74

0.595

0.767