Detection

Precision

0.941

1

0.829

0 95

0.952

0.939

0.905

0.725

0.927

0.944

Recall

0.64

0.14

0.58

0.38

0.4

0.62

0.38

0.58

0.76

0.78

0.34

0.88

0.61

0.55

0.71

0.69

0.78

0.65

0.73

0.7

0.92

0.66

Accuracy F1 score

0.762

0.246

0.682

0.543

0.563

0.747

0.535

0.644

0.835

0.876

0.5

0.8

0.57

0.73

0.68

0.69

0.79

0.68

0.85

0.89

0.66

Lang

Hindi

Layer

model.layers.1.mlp

model.layers.1.mlp

model.layers.1.mlp

model.layers.2.mlp

model.layers.2.mlp

model.layers.2.mlp

model.lavers.3.mlp

model.layers.3.mlp

model.layers.3.mlp

model.layers.3.mlp

model.lavers.3.mlp

Feature ID

56943

65640

106597

49394

53504

70081

12962

82959

85531

106101

128429

in the language.

Interpretation

The English examples highlight the use of the word \"distance\" and its plural \"distances\" in contexts related to measurement, travel, or physical space. The Hindi examples show frequent activation of single-character tokens, especially \"적\", and \"국\" and \"국\".

which are common morphemes or syllables in Hindi, often appearing as grammatical markers, prefixes, or within compound words, indicating a focus on morphological or syntactic elements

The Hindi character \"ह\" is highly activated when used as an

and frequently appears at the end of clauses or sentences.

The highlighted tokens often correspond to morphemes, syllables, or short word fragments that are significant in named entities, place names, or proper nouns, especially in multilingual or

auxiliary or copula in verb forms, indicating tense, aspect, or state,

transliterated contexts. These fragments frequently appear in the middle or end of words and are commonly found in Indian names, administrative terms, and other culturally specific vocabulary.

The tokens correspond to common Hindi grammatical particles and suffixes, such as case markers and postpositions (e.g., \"\"\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overlin

\"की\", \"का\", \"को\", \"कि\", \"कीya\"), which are essential for

The Hindi character \"현\" (or its variants with different matras) frequently appears at the end of sentences or clauses, functioning

as a copula or auxiliary verb to indicate present tense or state of being.

The tokens \"\" and \" \"\" are highly activated as common Hindi grammatical suffixes, frequently marking case, possession,

plurality, or verb forms, and often appear at the end of words or

The most prominent pattern is the frequent activation of Hindi postpositions and grammatical markers, especially the token corresponding to \"하\" (ka/ke/ki/ko/ka), which functions as a

possessive, case marker, or connector in Hindi grammar. These

tokens are highly activated in contexts where they attach to or modify nouns, pronouns, or verbs, reflecting their central role in

The highlighted tokens are common function words, suffixes, or short morphemes in Turkish and Hindi, such as \"de\", \"da\", and

various single-character Hindi syllables, which serve grammatical

The highlighted tokens are morphemes, syllables, or word fragments from various languages, often appearing in proper nouns, technical terms, or culturally significant words, especially those related to Indic languages, Sanskrit, and related

terminology. These fragments frequently occur at word boundaries or within compound words, reflecting their importance in identifying or constructing key terms across

The text frequently highlights Hindi tokens related to indefinite pronouns and possessives, such as forms of \"किसी\", \"की\", \"की\". and \"के\", as well as other common grammatical

morphemes. These tokens often appear in contexts expressing generality, possession, or relation, and are central to sentence

The tokens \"का\", \"के\", and \"को\" are postpositions in Hindi that indicate possession or relation, frequently following nouns or

pronouns to form genitive constructions. The high activations on

these tokens reflect their grammatical importance in linking entities and expressing relationships in sentences.

sentence structure and meaning in Hindi text.

or connective roles within sentences.

multilingual contexts.

structure and meaning in Hindi.

indicating relationships between nouns, possession, and

grammatical roles in sentences.

as postpositions.

Fuzzing

0.975

1

0.532

0.957

1

0.938

0.941

0.795

0.632

Recall

0.78

0.22

0.82

0.44

0.38

0.6

0.62

0.96

0.84

0.32

Accuracy F1 score Precision

0.867

0.361

0.646

0.603

0.551

0.732

0.478

0.697

0.762

0.913

0.485