Neural Cipher Identifier

Identifies the cipher type, with only a short given ciphertext

NCID | Description

NCID allows to identify the cipher type, given only a piece of ciphertext. For that, NCID uses several multiple neural networks from which you can select one or more. With the 55 classical ciphers standardized by the American Cryptogram Association (ACA), the following neural networks were trained: feedforward neural network (FFNN), long short-term memory (LSTM), Transformer, and Naive Bayes network (NB). Selecting an ensemble of multiple neural network architectures normally leads to a better accuracy. Further details can be found in the "Description" tab.

Ciphertext: length: 32

PEVVROHBIEEEEOTENRYRLVLSSUSTIITI

Architecture: ?

Transformer, FFNN, LSTM, RF, NB ▾

Filter: ?

10% ▾

Analyze

Results

Substitution 68.85%

Cipher	Probability
Checkerboard	68.85%

Uncategorized Ciphers 19.73%

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Cipher	Probability
key_phrase	19.73%

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