



## MORES PULSE

### Frequently Asked Questions

<https://mores-horizon.eu/toolkit/mores-pulse>

September 2026, v2

#### What is MORES Pulse AI and how does it work?

MORES Pulse is an application that automatically detects emotions in text. It uses a custom-made Artificial Intelligence Language Model to run the emotion detection analysis and produce visualisations. You enter any text, and MORES Pulse shows how much anger, joy, sadness, fear, disgust, and pride are present in the text and in each sentence. The application is based on state-of-the-art research led by MORES researchers at the ELTE Centre for Social Sciences (Hungary) with [project teams](#) at Adam Mickiewicz University (Poland), European University Viadrina (Germany), and University of Lorraine (France). The model has been fine-tuned and empirically tested project researchers. As soon as the research was finished, MORES provided a working paper on the model in 2025. The peer-reviewed paper has come out with the Journal of Information Technology & Politics in 2026, and it is available [open access](#). MORES is a [collaborative research and innovation](#) project funded by the European Union.



Funded by  
the European Union

Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Research Executive Agency (REA). Neither the European Union nor REA can be held responsible for them.



## **If we use MORES Pulse, is it necessary to validate the results with human coders?**

No, it is not necessary to validate your results from MORES PULSE with human coders—but you may do so if you wish. The available model and its extended version that detects [pride](#) have already been validated in all supported languages by native-speaker researchers from MORES. See the peer-reviewed papers on [the model](#) and the case studies exploring [anger](#) and [pride](#) in political campaigns.

## **Can joy mean other positive emotions such as hope?**

Since both are positive emotions, it is logical to assume that when Pulse detects joy in a sentence, in many cases that sentence will also contain some hope. Even positive and negative emotions, such as joy and sadness, can appear in the same piece of communication. However, we would not argue that all sentences with [joy](#) also contain [hope](#), as these are two distinct [moral emotions](#). For accurate interpretations, we recommend considering your unit of analysis (text, sentences) carefully. Learn more about [joy](#), [hope](#), and other concepts in our [peer-reviewed scientific glossary](#).

## **What's the difference between emotion prediction and sentiment analysis?**

Sentiment analysis labels text as positive, negative, or neutral. MORES Pulse takes the analysis a step further with a key innovation. It analyses text using emotion prediction, revealing a more detailed picture of the emotional tone in text beyond simple sentiment. Emotion prediction identifies specific feelings expressed in text, such as anger, joy, or sadness, and our model is capable of assessing subtle communication cues such as irony, though the user is encouraged to assess the context carefully. For an in-depth explanation on the differences between sentiment and emotion analyses, read our blog post: <https://mores-horizon.eu/blog/sentiment-or-emotion-analysis>.

## **What languages does MORES Pulse support?**

The MORES Pulse model is optimised for sentence-level analysis, and makes predictions in the following languages, most of which are underrepresented in research about emotion analysis: Czech, English, French, German, Hungarian, Polish, and Slovak.



## Can the app analyse political speeches for academic and journalistic purposes?

MORES Pulse is versatile and can analyse emotions expressed in any text, proving useful for academic, journalistic, policy, or other purposes. Journalists can assess a politician's speech(es) or how balanced their emotional tone is in reporting. Speechwriters can use MORES Pulse to evaluate emotional framing, ensuring a more balanced or more engaging storytelling. If you are a researcher and would like to run big data analysis, we recommend using the MORES Pulse API. You can read more about MORES Pulse's model and its documentation here: <https://huggingface.co/MORES-horizon/models>. An upcoming MORES Pulse Academy event, scheduled for the Fall 2025, will be revealed exclusively to newsletter subscribers. Sign up today: <https://mores-horizon.eu/newsletter>

## The app says my text contains 'anger'. How should I interpret that? Do results depend on context?

MORES Pulse detects emotions that are explicitly expressed in the text, like anger-related words, phrases, and even subtle or indirect emotional cues. While it does capture the context of each sentence, it does not consider the broader context where several emotions may intertwine.

Your interpretation of the results should always consider the broader situational and discursive context. In political texts, emotions like anger are often moral emotions. That is, they are directed not at personal grievances, but at perceived harm to others or to society. As our glossary explains, an [emotion becomes moral](#) when it reflects a concern for collective well-being or society, not just the speaker's personal feelings. Politicians, for example, rarely express emotions about opponents as individuals; rather, they frame emotional appeals as responses to broader moral violations as a strategy to sway voters and public opinion.

Unlike other large language models and generative AI, MORES Pulse prioritises user understanding by displaying the prediction confidence for each sentence, empowering informed decision-making. MORES Pulse is an AI tool developed and trained by humans for humans. For definitions of each emotion and examples, you can check our [codebook](#).



## **How long should my text be for the best results?**

MORES Pulse works with single sentences and longer pieces of text. The AI will automatically break the text into sentences and analyse each one separately for you.

## **Does text length affect analysis quality?**

Text length doesn't affect the quality of the analysis, because MORES Pulse processes longer texts sentence by sentence. Each sentence is analysed individually for more accurate emotion detection. Text length affects processing time only. The longer the text you submit, the longer it may take for Pulse to generate an analysis. Expect a delay in the app's output during its first operation; that is normal.

## **Does the app collect or store my text? Is my text used for training the model?**

MORES Pulse does not collect or store your text, and your content is not used to train the model: it has already been trained and validated by MORES researchers according to scientific standards, guaranteeing that results can be reproduced at any time. The text you submit is processed in-memory during your session, and nothing is retained afterwards—so your data stays fully private.

## **Does 'None of Them' mean that my text has no emotions?**

Not necessarily. Your text either lacks expressed emotions or contains emotions beyond the six categories that MORES Pulse detects (in other words: anger, fear, sadness, disgust, joy, and pride).

## **Can MORES Pulse detect mixed or multiple emotions in the same sentence?**

Yes. The application can detect more than one of the trackable emotions, such as [anger](#), fear, [disgust](#), sadness, joy, and pride in the same sentence. The analysis will show which emotions are expressed in each sentence of your text.



## **I am a researcher. Can I use your model to analyse long pieces of text?**

MORES Pulse is mainly designed for performing sentence-level emotion analysis. If you would like to use the same fine-tuned model for research or large-scale text analysis, we recommend using our [API](#).

## **Can I reuse the charts or data generated by MORES Pulse?**

Yes, you can reuse the charts or data generated by MORES Pulse. We just kindly ask that you include a reference to the app as the source. To cite the application, use this format: “MORES Pulse”. <http://mores-horizon.eu/toolkit/mores-pulse>

## **What are the limitations of MORES Pulse?**

While the model performs well across languages and emotion types, it has two important limitations.

- Context and nuance: text with sarcasm, slangs, and culturally specific expressions may lead to inaccurate emotion scores. Check the confidence levels in the output to make an informed decision.
- Language bias: Performance varies across languages—models often perform better in high-resource languages than in low-resource ones.

MORES Pulse is transparent and was designed to assist, not replace, human assessment of the emotional tone in text. MORES Pulse, as any language model, can make mistakes by misclassifying a sentence. But it displays the prediction confidence for each sentence, which supports informed decision-making.

## **How can I support your research or help improve MORES Pulse?**

We value user feedback. You can support our research by trying out MORES Pulse and sharing your opinion with us. If you notice any mistakes or have suggestions, let us know—this helps us improve the free application. You can write to us at [contact@mores-](mailto:contact@mores-)



[horizon.eu](https://horizon.eu). We check and respond to all messages sent to us. If you find the application helpful, please recommend it to your colleagues and friends.

## **I found a bug or have a question. How can I contact you?**

If you have questions, would like to report an issue, or share your app experience with us, reach out to us at [contact@mores-horizon.eu](mailto:contact@mores-horizon.eu).

## **How do I update the model to its latest version?**

The MORES Pulse app on the MORES website is always up-to-date. The application is powered by the project's language model. More information about it can be [found here](#).